



CmDv DEMOLITION SERVICES BID PACKET

BIDS DUE BY:
January 31, 2020
9:00 A.M.

CmDv #1914 – CDBG DEMOLITION

This bid packet shall consist of:

Attachment #1	Submittal Conditions
Attachment #2	General Conditions
Attachment #3	Scopes of Work and Specifications
Attachment #4	Definitions
Attachment #5	Asbestos Summary, Guidelines and Best Practices
Attachment #6	Contractor’s Bid Proposal Price Sheet - Itemize price for each structure - Complete, sign, return in sealed Bid Proposal packet
Attachment #7	Subject Property Identification with Photos, Map and Asbestos Survey Report - Property identification for 18 addresses



Jeffery W. Hall
Mayor



Community Development Department
Attn: Demo Program Manager
625 Murray Street, 3rd Floor, Alexandria, LA 71301
318-449-5071 Office / 318-449-5031
cda@cityofalex.com

CmDv Demolition Services Bid Packet - Submittal Conditions

BID SUBMITTAL DEADLINE / BID OPENING: 9:00 AM on Friday, January 31st, 2020

MANDATORY PRE-BID CONFERENCE: 10:00 AM on Tuesday, January 21st, 2020

ATTENTION: *Qualified Contractors*

The City of Alexandria's *Community Development* Department is soliciting bids for the purpose of entering into a *Demolition Services Contract* to demolish abandoned, residential and commercial buildings. Submittal conditions shall be:

1. A *Mandatory Pre-Bid Conference* will be held at the date and time shown above on the second floor at 625 Murray Street, Alexandria, LA in the Planning Division Conference Room. Any bidders wishing to submit a bid shall be required to attend the Pre-Bid Conference.
2. All sealed bid proposals must be delivered to the address in the letterhead above by the deadline specified.
3. The SEALED bid package must bear your *Community Development Qualified Contractor Registration ID#* on the OUTSIDE FRONT of the envelope. Packages without this information will be considered non-responsive, will not be opened and will be immediately rejected.
4. No email, faxed or call-in bids will be accepted.
5. Any bid submitted must be on the Bid Proposal Price sheet(s) (Attachment #6) and signed by the Contractor or authorized party or will be considered non-responsive and will be rejected.
6. The following information is required on EACH bid proposal sheet submitted: Company Name, Date, Street Address, Mailing Address, Telephone Number, DUNS Number and Contractor Authorized Signature. Any proposal without this information will be considered non-responsive and will be immediately rejected.
7. All bids shall be signed by hand and in ink by an authorized company representative per LA R.S. 38:2212.A.1.c.i.
8. Conditional proposals, or those which take exception to the specifications, will be considered non-responsive and will be rejected.
9. Bidders are responsible for reading all parts of the *CmDv Demolition Services Bid Packet*. The terms applicable to the bid award and contract are defined in this entire packet and may affect bid proposal pricing.
10. Contractors shall be responsible to verify if any *Addendums* have been posted to the original bid specification and factor pricing accordingly. Any questions must be submitted as defined in *Addendums*.

We appreciate your interest in working with Community Development on this federally funded program to improve the property standards within our community!



Jeffery W. Hall
Mayor

Attachment #1



CmDv Demolition Services Bid Packet – General Conditions

The City of Alexandria's *Community Development Department (CmDv)* is seeking bids from qualified bidders to provide Demolition Services within the city limits of Alexandria, Louisiana, in accordance with the terms, conditions, and specifications contained in the entire *CmDv Demolition Services Bid Packet*. These services include and incorporate the demolition and disposal of residential and/or commercial structures.

1. All words within the entire *CmDv Demolition Services Bid Packet* that are shown in *italics* are defined in Attachment #4. The definitions shall be reviewed by the Contractor for more information and understanding of the intent of the word and/or phrase. These definitions are specific only to this particular bid packet.
2. *CmDv* has a limited amount of funds to spend on demolition services per advertisement event. All properly submitted bids will be opened, however, bids may be awarded in any order, in effort to demolish the maximum number of structures for the amount of funds budgeted. Any bids not awarded due to budget shortfall or other reason deemed valid by *CmDv*, shall be identified on the *Bid Tabulations Sheet Notification*.
 - a. *Payment* for each *Demolition Services Contract* may be paid with either City general funds or *HUD* federal funds based on the availability of money each fiscal year. The *Bid Tabulation Notification Sheet* shall identify the funding source for each project awarded, however, this is subject to change during the course of the project with no impact to the Contractor.
3. *CmDv* reserves the right to group / bundle multiple demolition site locations together as one bid price request, based on criteria to be pre-determined before bid advertisement, such as proximity or other reason deemed valid by *CmDv*. This is in effort to solicit more competitive pricing by potentially reducing mobilization costs and other variables for the Contractor. Bids submitted, however, must still specify price per unit because any awards will be confirmed through individual *Demolition Services Contracts* per address location, in order to comply with *HUD* requirements and the specific payment funding source as described in 2.a above.
 - a. If properties are grouped / bundled, there may be multiple Bid Proposal Price Sheets, indicating the properties grouped / bundled per bid price and/or those listed individually. See Attachment #6 for applicability.
 - b. Should the bidder omit and/or swap out a property listed within the defined group / bundle, the bid will be considered non-responsive and will be rejected.
 - c. The terms of item #2 above still apply to any grouped properties and *CmDv* will always attempt to keep grouping / bundled properties together as originally bid. However, *CmDv* reserves the right to remove a property or properties from a grouping / bundle based on remaining available funding and/or other issues. The Contractor will be afforded the opportunity to not accept an award, if they are the low bidder by grouping / bundle and a property is removed from the grouping / bundle. If the Contractor elects to accept the bid award, the new grouping / bundle price shall be recalculated based on the individual prices of the remaining properties provided in the grouping / bundle price.
4. Any Contractor interested in bidding on *Demolition Services Contracts*, must hold an active *CmDv Qualified Contractor Registration*. This includes application, required licenses, required insurances, and required documentation acknowledgements.
5. It is the bidder's responsibility to visit the property location and evaluate the work to be performed, in accordance with the entire *CmDv Demolition Services Bid Packet* and attend the *Mandatory Pre-Bid Conference*, before submitting a bid. Any oversight on the bidder's part shall not exempt them from the terms of the specifications and/or contract.



- a. If applicable, an *Addendum(s)* may be posted to inform Contractors of response to the *Mandatory Pre-Bid Conference*, and/or additional questions, clarifications and/or changes to the published *CmDv Demolition Services Bid Packet* outside of the *Mandatory Pre-Bid Conference*.
6. Bid proposals must be submitted on the Bid Proposal Price Sheet (Attachment #6) provided. Proposals are subject to all conditions listed in Submittal Conditions (Attachment #1). All bid prices shall include **any and all material, labor, equipment, disposal, tax and freight charges**.
7. The City reserves the right to reject for *cause* any and/or all bids.
8. Pursuant to LA R.S. 38:2212.A.1.b, the provisions and requirement of this bid shall not be considered as informalities and shall not be waived by the City of Alexandria. Therefore, conditions and specifications on this bid form shall be strictly enforced and any and all alterations, deviations, and non-compliance to said conditions and specifications, either on the bid form or by separate attachment, shall be grounds for immediate disqualification.
9. In case of a mathematical discrepancy between individual unit price and extensions, such as the group/bundle total, the individual unit price shall supersede the incorrect group/bundle price.
10. All erasures or corrections on the bid form must be initialed by the Contractor and the City of Alexandria may rely on the apparent authority represented by the initials.
11. Pursuant to LA R.S. 38:2212.1C.2, any manufacturer's preference provided is descriptive, but non-restrictive, and is used only to indicate minimum requirement for type, grade and quality unless otherwise specified.
12. Whenever quantities or usages are provided by work descriptions, these quantities are estimates only. No guarantee or warranty is given or implied by the City of Alexandria as to the total amount that may or may not be required to complete the work. These estimated numbers may be used to calculate total bid prices.
13. Contractor shall furnish all labor, materials, and equipment necessary to accomplish all of the work required by the entire Bid Packet of the attached properties. Labor shall be performed by skilled, competent craftsmen. The City Inspector shall have the right to have personnel removed from the job who are not performing their services in a workmanlike manner, violating the terms of the bid packet, laws and/or City ordinances.
14. Contractor agrees to provide a drug free workplace which prohibits the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in the workplace. Contractor or any of their workers or subcontractors will be prohibited from smoking inside an occupied residence.
15. The Contractor shall comply with all Federal, State and local laws, ordinances and regulations affecting the demolition of the buildings, as well as abatement and disposal of materials, and shall defend, indemnify, and hold harmless, the City and its representatives against any claim or liability arising from violation of any such law, ordinance or regulation. Contractor is responsible to account for these conditions in the bid proposal price submitted.
16. The Contractor shall protect and defend, at Contractor's expense, and indemnify and hold harmless, the City and its representatives, officers, agents, and employees from and against any and all losses, penalties, fines, damages, settlements, judgments, claims, costs, charges, expenses, or liabilities, including any award of attorney fees and any award of costs, in connection with or arising directly or indirectly out of any act or omission by the Contractor or by any officer, employee, agent, invitee, subcontractor, or sublicensees of Contractor.
17. The successful bidder shall be awarded bids based on the lowest responsible, responsive bid price as defined on the Bid Proposal Price Sheet. A *Bid Tabulation Sheet* shall be provided to all participating bidders.

18. Any bid price submitted must be honored by the Contractor for ninety (90) calendar days after the bid opening date. This is to provide a pool of alternate bid prices for a *secondary / subsequent award* consideration. The Contractor may also elect to request a *Bid Withdrawal*.
19. A written *Demolition Services Contract*, for all awarded projects, shall be executed within forty-five (45) calendar days from the date of bid opening.
20. All *new Contractors* awarded a bid proposal for the first time through *CmDv* will be required to successfully complete a minimum of one (1) project prior to signing additional contracts, in the event they are awarded multiple addresses.
21. A *contract termination* may occur for various reasons. The City may also take action to *debar* an awarded Contractor for various reasons.
22. Should an awarded bidder fail to execute a *Demolition Services Contract* or satisfactorily complete a project, award be withdrawn, and/or a contract be terminated, a *secondary / subsequent award* may be implemented.
23. The *CDA Demolition Permit* shall serve as the Notice to Proceed. The Contractor shall procure all permits and licenses under federal, state and local laws, pay all charges and fees.
24. As a condition of the *CDA Demolition Permit*, *inspections* shall be required. The City of Alexandria reserves the right to inspect any and all permits, licenses and work at any time prior to or during the construction process.
25. The Contractor shall exercise proper precaution at all times from the protection of persons and property and shall be responsible for all damages to persons for property, either on or off the site, which occur as a result of his prosecution. Codes shall be observed. Contractor shall take additional safety and health measures as deemed reasonably necessary by *CmDv*. Machinery, equipment, and all hazards shall be managed in accordance with safety provisions of the "Manual of Accident Prevention in Construction" published by the Associated General Contractors of America, Inc., to the extent that such provisions are not in conflict with applicable local laws.
26. The Contractor, by the execution of the *Demolition Services Contract*, shall in no way be relieved of any obligation under it, due to their failure to receive or examine any form of legal instrument or to visit the site and acquaint themselves with the existing conditions. *CmDv* will be justified in rejecting any claims based on "Conditions", latent or otherwise.
27. The City shall make a one-time *payment* to the Contractor for 100% of the contracted amount due within thirty (30) calendar days of receipt of all requisite documentation.
28. The Contractor and City shall agree that should any dispute arise, a final *dispute resolution*, will be rendered by *CmDv* Administrator.
29. Contractor will be required to retain all records related to work performed under the *Demolition Services Contract* for a period of five (5) years and shall make such records available for inspection, examination, excerpts, and transcriptions to the City, *HUD*, the Comptroller General, or their duly authorized representatives.
30. The Contractor shall be advised that no member or Delegate to the Congress of the United States, and no Resident Commissioner, shall be admitted to any share or part of any possible bid award or to any benefit to arise from the same.
31. The Contractor shall be advised that no member, officer, or employee of the Local Public Body, or its designees or agents, non-member of the governing body of the locality in which the (Program, Project, or Similar) is situated, and no other public official of such locality or localities who exercises any functions or responsibilities with respect to the (Program, Project or Similar) during their tenure or for one year thereafter, shall have any interest, direct or indirect, in any Contract or Sub-Contract, or the proceeds thereof, for work to be performed in connection with the (Program, Project, etc).



CmDv Demolition Services Bid Packet - Scope of Work

Specifications: Demolition Services requested for pricing from and to be performed by the Contractor shall include:

1. complete removal and disposal of every building and *appurtenance* on the subject property from the property;
2. removal and disposal of any piping, wiring, plumbing, mechanical and other materials, visible before and/or after demolition activity is complete, located at, above and/or within 12 inches below ground / grade level, which are attached to or part of a building and/or other *appurtenance*. This shall not apply to service lines buried more than 12 inches below grade that are not visible;
3. removal and disposal of any steps, concrete or other slabs, in-ground footings, piers, pilings or other foundation supports associated with any structure on the property;
4. removal and disposal of any driveways and/or parking surface areas. Materials may include but not be limited to: wood, gravel, stone, asphalt, and/or concrete. The portion of a driveway apron, within the City right of way that is attached to a sidewalk, may be left to remain in effort to protect the structural integrity of an existing City sidewalk. If a driveway apron must be removed, the apron must be saw-cut to provide a clean edge for demolition or removed to the nearest existing expansion joint;
5. removal and disposal of all debris, including but not limited to demolition debris, trash, garbage, abandoned vehicles, appliances, or similar materials.
6. contractor shall be responsible for relocating any tires found on the subject property, from the time of bid advertisement, throughout work and until a passed Demo Final inspection, to street side so that the Sanitation Dept can pick them up and remove them from the property. At no time will the Contractor be responsible for the disposal of the tire debris.
7. removal and disposal of dead trees and/or significant vegetation as identified by the City Inspector with orange paint. Trees to be removed shall be saw cut at the tree base within three (3) feet above grade, however, stump grinding is not required. Incidental flower beds and bushes can also be removed to grade level, as needed, in the course of demolition. Contractor shall protect and preserve all viable, non-marked trees / vegetation on the property. Contractor shall maintain and preserve as much existing grassy surface areas as possible during the course of work;
8. removal and disposal of all fencing in the front of the property, parallel with the street. Side and/or rear fences, if applicable, shall remain since they are shared with adjacent property owners. Side and/or rear fences shall only be removed if they are identified by the City Inspector with orange paint;
9. removal and disposal of propane and/or butane tanks, septic tanks and/or grease traps found above or below ground, identified by the City Inspector with orange paint at their location at, above or below grade. This does not apply to any type of underground, commercial petroleum fuel tanks regulated by EPA. Identified tanks shall be pumped out first, removed and then disposed. If tanks are found and this specification is applicable to the location, the Subject Property Identification (Attachment #7) page will be noted. The Contractor shall also be responsible to walk the entire site to check for orange paint marking identifications;
10. removal and disposal of catch basin, drain or other form of surface water collector identified by the City Inspector with orange paint at their location at, above or below grade. If basins and/or collectors are found and this specification is



applicable to the location, the Subject Property Identification (Attachment #7) page will be noted. The Contractor shall also be responsible to walk the entire site to check for orange paint marking identifications ;

11. providing clean fill dirt material where removal of an item causes a hole and/or depression in the ground and/or in any low spots that may hold water. The Contractor shall bring the entire cleared site to a fine grade, level with the surrounding area. Contractor shall grade barren areas of the lot to ensure overall proper drainage towards the City street, drainage servitude or as directed by the City Inspector. Contractor shall be careful not to cause excess water to drain onto adjacent properties and/or restrict the natural drainage of the site;
12. providing stabilization of the lot with ground cover in barren areas, in the form of seed or sod. Hay or other stabilization methods shall be required for a minimum of 10 feet wide, closest to and parallel with the City street and/or City sidewalk, if the surface area is barren / dirt, to prevent mud from washing into the street until seed or sod can grow;
13. mowing the entire lot upon completion of the demolition work in effort to remove tall grass and weeds and in such a manner to not inhibit future mowing operations;
14. any work not described above but necessary to provide a clean, pervious, unencumbered site.
15. abatement, removal and legal disposal of hazardous materials, as applicable, identified in the Asbestos Survey Reports provided with each Subject Property Identification in Attachment #7.

Criteria: Demolition services to be performed by the Contractor shall include:

1. Participating bid Contractors can expect to receive a copy of the *Bid Tabulations Sheet*, via email, within fifteen (15) business days after bid opening to identify the awarded bidder. The notice shall also include a contract signing date for awarded Contractors.
2. *CmDv* has secured the disconnection of all utilities to the structure prior to the issuance of the *CDA Demolition Permit*. All City taps are to remain, unless already removed by the City. The following requests for the disconnection of services through the City's Utility Division were as follows:
 - a. Electric (318-473-1354) – pull meter; cut down and remove overhead (OH) services; underground (UG) services should be disconnected and cut wire at ground level.
 - b. Gas (318-441-6137) – pull meter and riser; shut off at the curb stop and disconnect service from curb stop.
 - c. Water (318-441-6217) – pull meter; shut off at the corporation stop and disconnect service from corporation stop.
 - d. Wastewater (318-441-6247) – no action required.
3. In the event that there is an onsite catch basin, drain or other collection point is identified, *CmDv* shall be responsible to ensure that the collection pit has been detached from any appropriate City Utility service discharges, such as storm water and/or sewer service lines prior to the start of work.
4. The Contractor shall comply with all Federal, State and local laws, ordinances and regulations affecting the demolition of the buildings. This shall include air monitoring of site and employees, wetting prior to removal, white goods removal prior to disposition at landfill, etc. This shall also include all regulations for OSHA, NESHAP, LDEQ, HUD, Clean Air Act, etc.
5. *CmDv* has secured and provided the *Asbestos Testing Survey Reports*, which will be no expense to the Contractor. The completed reports shall be included for each property location in Attachment #7 and shall include the appropriate AAC-2 form to be completed by the awarded Contractor.
 - a. It is the Contractors responsibility to read each report and comply with all Federal, State and local requirements for compliance with hiring, handling, abatement and disposal of hazardous materials and workers exposed to the same.

- b. In the event that *Asbestos Testing Survey Reports* are incomplete at the time of bid publication, *CmDv* may request the Bid Proposal Price Sheet (Attachment #6) to be submitted with two prices: first as “*RACM Demo*” and secondly as “*NON-RACM Demo*”. *Bid Tabulation Sheet Notifications* shall indicate the low bidder in each method, per property location. Once completed *Asbestos Testing Survey Reports* are provided to *CmDv*, the bid award confirmation will be based on the report findings. Copies of the same can be made available to all participating bidders upon written request. This method may be used in effort to expedite the bid process in order to comply with or meet imposed deadlines for budget spending.
 - c. In the event that *Asbestos Testing Survey Report* was inconclusive due to the inability to enter the structure in fear of collapse or other acceptable reason, the identification page for the property shall be noted to treat the structure as “*RACM Demo*”. This means that the Contractor’s bid price shall assume asbestos is present, therefore, bid the property location as an “*RACM Demolition with lawful abatement and approved dumping site disposal*”. All Federal, State and local laws & regulations shall apply to the handling of these “*RACM Demolitions*”. This method may be used in effort to expedite the bid process in order to comply with or meet imposed deadlines for budget spending.
6. In the event that the structure is demolished illegally, without permits or knowledge by *CmDv*, or by fire or natural disaster from the time of bid advertisement up to the time of award contract signing, the *Bid Tabulation Sheet Notice* of award may be withdrawn by *CmDv* and there shall be no commitment of payment for the bid proposal amount. *CmDv* will make every effort to verify the existence of the structure prior to bid advertisement and prior to contract signing.
 7. A CDA Site Preconference *inspection* is required before any work is started, at any time after the *Demolition Services Contract* is signed by the Contractor, yet can be held prior to the issuance of a *CDA Demolition Permit*.
 8. No work, abatement or demolition, at any designated site shall begin until the Contractor has received a *CDA Demolition Permit / Notice to Proceed* from the City and the CDA Site Preconference inspection has been completed.
 9. Any abatement work required by the *Asbestos Testing Survey Report* must be completed and pass the CDA Abatement *inspection* prior to the start of demolition activity.
 10. The LDEQ AAC-2 forms, either (a) or (b) as inserted at the end of the *Asbestos Testing Survey Report*, shall be required to be completed and submitted by the Contractor to LDEQ at least ten (10) business days prior to commencement of the demolition activities. This same form shall also be submitted to *CmDv* for the issuance of the *CDA Demolition Permit*. The *CDA Demolition Permit*, however, will not be issued until the LDEQ ten (10) business day review period has expired.
 - a. AAC-2 (a) form – “Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form”. See the form for specific details. Also, see Asbestos Summary, Guidelines, and Best Practice (Attachment #5).
 - b. AAC-2 (b) form – “Asbestos Negative Declaration, Demolition Notification Form”. See the form for specific details. Also, see Asbestos Summary, Guidelines, and Best Practice (Attachment #5).
 - c. LDEQ requires that when any property is ordered for demolition by a municipality, the awarded Contractor must submit a copy of the *Condemnation Order Resolution* authorized by City Council, with the AAC-2 form for review by LDEQ. This Resolution is attached after the AAC-2 form in Attachment #7 for the Contractor’s use and submittal.
 11. Contractor is responsible for the removal and disposal of any and all ACM from structures, as required by regulations. Contractor must be prepared to provide certified and trained supervisory personnel, asbestos workers, furnish all required or necessary equipment and supplies, and provide insurance and transportation as required.
 12. Contractor shall provide the appropriate landfill information on the AAC-2 form and disposal of demolition debris as required by Federal and State law.
 - a. *RACM* must be disposed in a Type 1 or 2 solid waste permitted landfill that also has recognition in accordance with the Louisiana Air Quality regulations, in particular, LAC 33:III.515.N. In addition, Category I and/or II ACM that becomes *RACM* during the demolition process, is subject to these same requirements.
 - b. Construction and demolition (C&D) debris that is not *RACM* may be disposed in a Construction and Demolition debris landfill that has a plan approved by the Solid Waste Section of the LDEQ Waste Permits Division to accept such waste.

13. All demolition debris shall be dumped at a commercial dump facility as required by the classification of the debris. Weigh/dump tickets shall be submitted to *CmDv* with invoices for *payment*, as documentation of legal disposal prior to receiving payment. This may be subject to an audit by the City of Alexandria, *LDEQ* and/or *HUD*.
14. A Solid Waste Transporter # is required to transport any type of solid waste in the State of Louisiana (LAC 33:VII). This information must also be included on the AAC-2 form. This includes demolition debris and asbestos material. Contact *LDEQ* Permit Support Services Divisions, Notifications and Accreditations Section at 225-219-1665 to apply for a SW transporter #.
15. Contractor shall notify the City of the presence of any asbestos, underground petroleum fuel tanks, hazardous type materials and/or other conditions found in the structures and/or on the property that was not cited in the bid packet in the Subject Property Identification (Attachment #7) and/or the *Asbestos Testing Survey Report*. This notification may trigger justification for a *change order*. The Contractor shall also be required to handle and abate those materials in accordance with Federal, State and local laws.
16. The Contractor shall provide sufficient manpower so as to perform work safely and expeditiously with all equipment plainly marked with the company name or the rental company name, if applicable.
17. Contractor shall have a qualified foreman on site at all times who is authorized to act on behalf of Contractor and capable of making on-site decisions.
18. Contractor shall maintain safe working conditions by installing, operating, maintaining and protecting the project in a manner that will be safe, non-hazardous, sanitary and protective of persons and property. The Contractor shall provide all necessary barricades, signs and take all necessary precautions to protect buildings, property, personnel and the public.
19. Contractor must execute daily cleaning procedures to ensure that buildings, grounds and public properties are maintained free from accumulations of waste materials and rubbish, and shall promptly remove and dispose of all debris that may be a result of services. Flammable material must be removed from the subject property location daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of the City of Alexandria and the general public.
20. Contractor shall also be responsible to keep all dirt, mud, water, etc out of City streets and off the City sidewalk at all times. In the event the incident does occur, the Contractor shall be responsible to clean the same within two (2) hours.
21. During the demolition process, in the event there is an unauthorized discharge that causes an emergency condition, the discharger shall follow all procedures required in the Louisiana Administrative Code, Title 33, Part I, Subpart 2, Chapter 39 (LAC 33:I Ch39). The Contractor and/or their subcontractors may elect to maintain Pollution and Accidental Spill Coverage.
22. Contractor shall keep all equipment and vehicles out of the City street and off the City sidewalk in effort to maximize the passage of traffic and street parking for neighboring residents. Contractor shall coordinate any traffic needs with the City of Alexandria Traffic Department (318-441-6126) and/or the LaDOTD.
23. Contractor shall be responsible to notify 811 at least 48 hours prior to any digging operations.
24. Any materials and/or equipment left on the site are the responsibility of the Contractor. Any loss of materials or equipment due to theft, vandalism, etc. shall be the total responsibility of the Contractor.
25. Contractor will remove all tools and equipment immediately after the completion of work.
26. Salvage rights belong to Contractor as soon as the *Demolition Services Contract* is fully executed by both the City and the Contractor. After that time, it is the Contractors discretion to allow the owner or other parties the salvage of any materials left on the property.

27. Any damage caused by Contractor to public or private property shall be remedied by the Contractor, at Contractor's cost to the satisfaction of the City. Notification of CmDv is required. Repairs to public property shall be in accordance with current City standards, for example, cracked or broken curbs or concrete panels, must be saw cut and squared off prior to new concrete installation. Contact the City Engineering Department (318-473-1173) for more details.
28. The Contractor shall notify the City of Alexandria Construction Development Permit Tech at (318) 441-6333 to schedule inspection(s) deemed necessary on the *CDA Demolition Permit*, a minimum of 24 hours in advance.
29. The Contractor shall be responsible to comply with notification and inspection requirements required by *LDEQ*.
30. The Contractor shall indemnify the City of Alexandria and its representatives against all claims arising from injuries to persons or damages to property due to neglect by the contractor.
31. Time is of the essence in the performance of the services of demolition and securing of structures. Failure of the Contractor to perform as described, or not complete all activities as required and provided herein, may result in the assessment of liquidated damages of \$500 per day.



CmDv Demolition Services Bid Packet - Definitions

Words and phrases, referenced by *italics*, in this bid packet are defined below for reference.

ADDENDUM: a written summary offering clarification and/or changes to the existing, published *CmDv Demolition Services Bid Packet*. An *Addendum*, if applicable, may be published after the *Mandatory Pre-Bid Conference*. Also, any questions or clarifications requests from the Contractor outside of the *Mandatory Pre-Bid Conference* must be presented in writing to CmDv a minimum of ten (10) business day prior to the bid opening date.

- a. If applicable, an *Addendum* will be posted, at the same location as the original bid advertisement on the City's website, for clarification to all potential bidders a minimum of four (4) business days before bid opening / on the Monday of the same week of the bid opening.
- b. *CmDv* will make every attempt to notify Contractor attendees of the *Mandatory Pre-Bid Conference* of any *addendums* that are published, however, it is ultimately the Contractor's responsibility to verify the publication of the same.
- c. Also see definitions for *CmDv Demolition Services Bid Packet* and *Mandatory Pre-Bid Conference*.

APPURTENANCES: that which belongs to something else; something annexed to another thing more worthy as principal, and incidental to it, such as outbuildings like a shed, carport or garage.

ASBESTOS CONTAINING MATERIALS (ACM): asbestos containing materials (ACM) are present that must be properly abated based on the *LDEQ* threshold standards. The current state of these materials may not be considered *RACM* and if handled properly, may be removed / abated / treated as such, prior to demolition. The use of a licensed Abatement Contractor is recommended but not required. Any *ACM*, however, does have the potential to become *RACM*, if not handled properly. There are also Categories I and/or II non-friable *ACM*. See Attachment #5 for Asbestos Summary, Guidelines and Best Practices Guide. Dumping at specific landfill requirements apply.

- a. An AAC-2 (b) form is allowed when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it *RACM*, or when lab analysis of properly sampled materials indicates that no *ACM* is present; that *ACM* present is not *RACM* and will not be made *RACM* by the demolition; or that all *RACM* present is less than established thresholds.

ASBESTOS TESTING SURVEY REPORT: According to the National Environmental Standards for Hazardous Air Pollutants (NESHAP) and the *LDEQ*, buildings scheduled for demolition by a municipality, may be required to be tested for asbestos by an accredited *LDEQ* Asbestos Testing Inspector. This report provides details related to *ACM* and/or *RACM* present in the structure, along with a recommendation for handling their removal / abatement through an AAC-2 form.

- a. In this bid advertisement, all properties have had an *Asbestos Testing Survey Report* performed by Terracon Consultants, Inc located at 3007 Knight Street, Suite 101, Shreveport, Louisiana 71105. Contact information is 318-868-6849 and/or www.terracon.com.
- b. The appropriate AAC-2 form has been prepared for the Contractor, by Terracon, to complete and submit to *LDEQ* and *CmDv*. These provided forms must be used and not substituted with other forms as they contain pertinent information to the *Asbestos Testing Survey Report*, unless the form is found to be in error by the Contractor.
 - i. In the event that an AAC-2(b) form is provided, the Contractor may elect to handle the removal of *ACM* in a different manner than defined in the attached AAC-2(b) which may cause the need for an AAC-2(a) form instead. The Contractor shall be required to notice *CmDv* of the same prior to the start of work.



- c. A copy of each *Asbestos Testing Survey Report* is attached in Subject Property Identification (Attachment #7).
- d. A copy of the ADVF form issued by LDEQ shall be submitted to *CmDv* and required for the issuance of the *CDA Demolition Permit*. See Attachment #5 for Asbestos Summary, Guidelines and Best Practices Guide.
- e. All bids submitted shall include all costs associated for the asbestos removal.

BID TABULATION SHEET NOTIFICATION: The successful bidder shall be awarded bids based on the lowest responsible, responsive bid price as defined on the Bid Proposal Price Sheet submitted. A *Bid Tabulation Sheet* shall be provided to all participating bidders via email within fifteen (15) business days of bid opening. The confirmation of bid awards shall also include a date and time for awarded Contractors to sign *Demolition Services Contracts*. Requests for the *Bid Tabulation Sheet* can be made through a Public Records Request by any other party that did not submit a bid.

- a. *Bid Tabulation Notification Sheet* shall also identify the *payment* funding source for each project award, however, this is subject to change during the course of the project but have no impact to the Contractor. See definition for *Payment*.

BID WITHDRAWAL: Any bid price submitted must be honored by the Contractor for ninety (90) calendar days after the bid opening date. In the event a Contractor, who was initially not awarded a bid on a specific property, wishes to withdraw that particular bid submittal, they must document the request in writing to the *CmDv* Administrator.

- a. The earliest a bid may be eligible to be withdrawn is thirty (30) calendar days after the bid opening date.
- b. A Contractor's written request to withdraw a bid submittal shall be reviewed and responded to in writing by *CmDv* within five (5) business days of receipt.
- c. If a Contractor is approved / accepted by *CmDv* to withdraw a bid submittal, the Contractor would not be able to participate in any *secondary / subsequent award* bid processes for that particular property within the ninety (90) calendar days from the date of initial bid opening, in the event that the project must be re-advertised for public bid. See definition for *secondary / subsequent award*.

CAUSE: Justified reason. If a contract is terminated for "cause" or bid awards are withdrawn for "cause", *CmDv* shall provide written notification stating the reasons within thirty (30) calendar days. Contractors who have been cited with reasons for *cause*, may be removed for an "in good standing status" and may be *debarred*. Proper allowance shall be made for circumstances beyond the control of the Contractor. *Cause* may be any of the following reasons but not limited to:

- a. Failure to follow procedures / requirements defined in the bid packet and/or contract;
- b. Failure to secure Demolition Permit before starting work;
- c. Failure to properly abate materials prior to the act of demolition;
- d. Failure to legally dispose of demolition debris and materials;
- e. Failure to call for inspections as noted on the Demolition Permit;
- f. Failure to complete work within the time specified on the Demolition Permit;
- g. Failure to complete tasks with good workmanship practices;
- h. Failure to clean and grade the site properly;
- i. Failure to provide required insurances, forms and/or documentation to *CmDv* or LDEQ;
- j. Failure to correct complaints / inspection failures within the allocated time period;
- k. Any event that is determined as *cause* for a *Demolition Services Contract* to be terminated by the City or for bid awards to be withdrawn.

CDA DEMOLITION PERMIT: The Contractor shall secure a *CDA Demolition Permit* from *CmDv* for a cost of \$100 per permit, prior to the start of any work, to give notice for the lawful removal of buildings and *appurtenances*. The Contractor shall not begin removal of asbestos or demolition of the structure until a *CDA Demolition Permit* has been secured. The permit fee is due at the time of award contract signings. The permit fee is subject to change with City Council approval. The *CDA Demolition Permit* will be issued for signature after all required paperwork is submitted to and approved by *CmDv* via physical delivery or email. The *CDA Demolition Permit* shall act as the Notice to Proceed. *CDA Demolition Permits* issued by *CmDv* are valid for a maximum of thirty

(30) calendar days from the date of issuance. Within that time, all work must be complete and pass all required *inspections*. No rain days or holidays will be allowed to extend the permit expiration date. Any valid requests for permit extensions shall be submitted in writing for consideration / permission from the *CmDv* Administrator. Submittal requirements for the issuance of a *CDA Demolition Permit* shall be:

- a. Completed AAC-2 forms;
- b. Expiration of the ten (10) business day review period of the AAC-2 forms by *LDEQ*;
- c. ADVF form issued by *LDEQ* if an AAC-2(a) form is required;
- d. Permit fee payment of \$100.00;
- e. Fully executed *Demolition Services Contract*;

CDBG CODE ENFORCEMENT AND DEMOLITION PROGRAM POLICY GUIDELINES: *CmDv* is required by the City of Alexandria and *HUD* to establish the guidelines for the Code Enforcement and Demolition Programs that they manage. These guidelines were adopted by City Council via Ordinance to establish a clear and consistent method, expectation and enforcement of how the programs are to be executed from start to finish. This document is a precursor to the *CmDv Demolition Services Bid Packet* and the *Demolition Services Contract*. An electronic copy of this document shall be provided via email on written request.

CERTIFICATE OF COMPLETION: Legal instrument issued by the City Building Official, or their designee, after all work is completed and all required *inspections* are satisfactorily passed. The *Certificate of Completion* is provided to the Contractor after the inspection and must be issued prior to the request for *payment* by the Contractor.

CHANGE ORDER: *Change orders* shall be considered on a case by case basis and will only be considered for unforeseen conditions disclosed during the course of work and which are necessary to complete the defined scope of work. Any *change order* request must be submitted by the Contractor in writing to the *CmDv* Administrator. The *change order* must specify the scope of work to be performed and a price for the same. The City Inspector must deem the requested change permissible and necessary. In the event that *CmDv* initiates the reason for the *change order*, the scope of work will be defined in writing to the Contractor for pricing request.

- a. An example of an allowable *change order* would be in the event that underground fuel storage tanks are identified on the property after *Demolition Services Contracts* have been awarded. The work required to address these circumstances will alter the current bid specifications, therefore, affecting any related bid price submitted. The work may subsequently require that the existing underground fuel tanks be completely removed or may be allowed to remain undisturbed. This may then require existing concrete above, at and/or below grade level to remain in place and any vent pipes from the tanks may also be required to be cut at grade level and filled with concrete. Caution would be exercised to avoid a spill or leak from the underground tanks.
- b. Other change order examples are underground butane or propane tanks, septic tanks, grease traps, catch basin not identified by the City Inspector with orange paint at their location or noted in the Subject Property Identification (Attachment #7) but found after *Demolition Services Contracts* have been awarded. The work required to address these circumstances will alter the current bid specifications, therefore, affecting any related bid price submitted.
- c. Should the scope of work be altered by a *change order*, whether increased or decreased from the original scope, the dollar amount of the *change order* must be reasonable and substantiated by the Contractor, whether as an additional amount due to the Contractor or as a credit due to the City, along with an itemization of all work hours, equipment, materials and associated expenses. Final payment will be *reflected* accordingly.
- d. The scope of work and/or dollar amount of the *change order* may also be accepted, negotiated, or rejected by *CmDv* Administrator and/or the Contractor. In the event that a *Change Order* is rejected by either party, the *Demolition Services Contract* may be terminated and the entire scope of work modified and re-advertised for public bid.

CMDV DEMOLITION SERVICES BID PACKET: The bid packet references all documents necessary to compile and define the work to be performed in an advertisement for a request for public bid price submittal. An electronic copy of the *CmDv Demolition Services Bid Packet* and/or any *Addendums* can be downloaded at no charge. Visit the City of Alexandria's

website, www.cityofalexandriala.com , under the heading “Business”, and drop down to “RFP/RFQ/Bids”. Search for the Bid name and number accordingly.

The entire bid packet shall consist of:

- a. Cover Page;
- b. Submittal Conditions (Attachment #1);
- c. General Conditions (Attachment #2);
- d. Scope of Work (Attachment #3);
- e. Definitions (Attachment #4);
- f. Asbestos Summary, Guidelines and Best Practices Guide (Attachment #5);
- g. Bid Proposal Price Sheet (Attachment #6); and
- h. Each Subject Property Identification with photo, map, Asbestos Testing Survey Report, required LDEQ AAC-2 form, and Condemnation Order Resolution (Attachment #7).

COMMUNITY DEVELOPMENT DEPARTMENT (CmDv): A Department under the Planning Division within the City of Alexandria. It manages HUD projects and funding, as well as City funds, to accomplish project goals as defined in the Consolidated Plan and at the direction of the Administration. Contact information is 319-449-5071 or cda@cityofalex.com. Typical customer availability office hours are Monday through Friday from 8:am through 4:pm.

CmDv QUALIFIED CONTRACTOR REGISTRATION: Any Contractor interested in bidding on demolition services, must be registered with the CmDv and be assigned a Qualified Contractor ID number, a minimum of one (1) business day prior to the bid submittal. The Contractor shall submit a completed application for consideration. The CmDv’s Contractor Qualification Registration Application link can be found at www.cityofalexandriala.com/community-development towards the very bottom of the webpage. Allow a minimum of three (3) business days for CmDv to process the submitted application. Once all paperwork is verified to meet the minimum registration requirements, a Qualified Contractor ID number will be assigned. As part of the application requirements, the Contractor shall:

- a. Hold an active Louisiana State Contractor’s license as a Residential Contractor and/or Commercial Contractor. A LSLBC specialty certification in Wrecking and Dismantling is also accepted.
- b. Hold and provide current / active Certificates of Insurance for the following required insurance coverages, which are to remain in force at all times during the contract period. It shall be the Demolition Contractors responsibility to ensure that any subcontractor(s) / Abatement Contractor hired also have the same insurance coverages.
 - i. Commercial General Liability Insurance covering premises-operations, products-completed operations, independent contractors and contractual liability. Minimum combined single limit bodily injury/property damage coverage shall be \$1,000,000. Property Damage liability shall be \$1,000,000 each occurrence.
 1. Within five (5) business days after notification of bid award tabulations, the Contractor shall have the City shall be added as an “Additional Insured” with regard to General Liability Insurance and shall provide a current Certificate of Insurance as confirmation of the same. The City shall receive ten (10) day notice of cancellation of any required coverage.
 - ii. Workers’ Compensation Insurance pursuant to Louisiana Law.
 - iii. Commercial automotive liability insurance coverage, not less than the minimum State Law requirements, on all vehicles being used on this project in the contract award. The Contractor shall be prohibited from using personal vehicles for the demolition of structures and hauling / removal of debris.
 - iv. The cost of any insurance deductibles shall be borne by the Contractor.
 - v. An Umbrella Policy or excess may be used to meet minimum requirements.

- c. Agree by document signature to show a good faith effort to comply with the City's AFEAT (Alexandria Fairness, Equality, Accessibility, and Teamwork) Program. Participation by minority and/or disadvantaged business enterprise firms is encouraged. For more information on AFEAT and the City of Alexandria's Diversity in Action Initiative, and to explore a local and statewide directory of minority businesses, please visit www.diversityinaction.org. The AFEAT Program should be inquired about through the City's Legal Division (318-449-5015).
- d. Agree by document signature to show a good faith effort to comply with the City's Non-Discrimination Statement. The Non-Discrimination Program should be inquired about through the City's Legal Division (318-449-5015). Furthermore, Contractor shall acknowledge that all contracts shall contain provisions requiring compliance with E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11236 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.
- e. Hold a status of "*in good standing*" with *CmDv*, if they have ever worked on *CmDv* projects in the past.
- f. Contractor must provide written proof that they are not listed as an EPLS (Excluded Parties List System) on the Federal Government's SAM's (System for Award Management) website at www.sam.gov/portal/sam . Any bidder that is found listed on SAM's as in violation, shall automatically be rejected from bidding privileges, *CmDv Qualified Contractor Registration* and/or bid award, by Category and/or in its entirety.
- g. By *CmDv Qualified Contractor Registration* application submittal, the Contractor is acknowledging that they have not been convicted of, nor has he/she entered into a plea of guilty or nolo contendere to any of the crimes or equivalent federal crimes listed below.
 - i. No individual partner, incorporator, director, manager, officer, organizer or member, who has a minimum of ten (10%) ownership in the Bidding Entity, has been convicted of, or nor has he/she entered into a plea of guilty or nolo contendere to any of the crimes or equivalent federal crimes listed below. A conviction of or plea of guilty or nolo contendere to the following state crimes or equivalent federal crimes shall permanently bar any person or bidding entity from consideration as a Qualified Registered Contractor and/or bidding privileges by *CmDv*, who is funded by Federal and/or local funds: Public bribery (RS 14:118); Corrupt influencing (RS 14:120); Extortion (RS 14:66); Money laundering (RS 14:230).
 - ii. A conviction of or plea of guilty or nolo contendere to any of the crimes or equivalent federal crimes shall bar any person or the bidding entity from consideration as a Qualified Registered Contractor and/or bidding privileges by *CmDv* for a period five (5) years from the date of conviction or from the date of the entrance of the plea of guilty or nolo contendere: Theft (RS 14:67) Identity Theft (RS 14:67, 16); Theft of a business record (RS 14:67.20); False accounting (RS 14:70); Issuing worthless checks (RS 14:71); Bank fraud (RS 14:71.1); Forgery (RS 14:72); Contractors - misapplication of payments (RS 14:202); Malfeasance in office (RS 14:134).
 - iii. The five (5) year prohibition provided for in this section shall apply only if the crime was committed during the solicitation or execution of a contract or bid awarded pursuant to these provisions. If evidence is submitted substantiating that a false attestation has been made and the project must be re-advertised or the contract cancelled, the awarded entity making the false attestation shall be responsible to the public entity for the costs of rebidding, additional costs due to increased costs of bids and any and all delay costs due to the rebid or cancellation of this project.

CONDEMNATION / DEMOLITION ORDER: Property owners are given notice of code and ordinance violations and provided time to remedy the complaint. However, if the owner fails to take action, a list of blighted, dilapidated, abandoned properties is presented to City Council for a public hearing to consider Condemnation. Once the Council votes to take action, a Resolution is adopted and acts as the *Demolition Order* to *CmDv*. A copy of the Resolution is required to be attached to any AAC-2 form that is sent to *LDEQ* by the Contractor. The Resolution has been provided towards the end of the *Asbestos Testing Survey Report* in Attachment #7.

CONTRACT: See definition for *Demolition Services Contract*.

CONTRACT TERMINATION: A *Demolition Services Contract* can be terminated for the following reasons. *Contract termination* may also result in the *debarment* of the Contractor.

- a. By mutual agreement and consent of both parties, within fifteen (15) business days written notice. This consent agreement may have additional conditions and acknowledgements stipulated at the time of termination for which signature may be required;
- b. By the Mayor, on behalf of the City of Alexandria, for *cause*. Proper allowance shall be made for circumstances beyond the control of the Contractor;
 - i. If the contract is terminated by the City for any of the terms and conditions authorized under these definitions, Contractor shall be formally notified in writing by *CmDv* by means of certified mail, informing them of cancellation of the contract and giving specific reasons for said cancellation within thirty (30) calendar days. This consent agreement may have additional conditions and acknowledgements stipulated at the time of termination for which signature may be required;
 - ii. Contractor shall have the right to appeal a contract termination to the Director of Planning Division within ten (10) calendar days from the date that said notification is placed in the U.S. Mail. Contractor's appeal shall be accomplished by means of a certified letter addressed to the Planning Director, stating that an appeal to the decision of cancellation is desired. The Planning Director shall thereafter hold a dispute resolution meeting on the appeal, giving all parties the opportunity to present any and all evidence concerning the decision of cancellation. As necessary, the Planning Director may consult with the City's Legal Division, on behalf of the Administration. After hearing the appeal, the Planning Director may concur, modify, or reverse the findings for said decision and shall provide, if requested by Contractor, a written determination of its finding.
- c. By satisfactory completion of all services and obligations described in the contract. This will leave the Contractor "*in good standing*" for participation with *CmDv* projects.

DEBAR: The City has the authority to revoke the Contractor's bidding privileges for a period of two (2) calendar years for *cause*. In the event that a Contractor who was ever *debarred* from working with the City, wishes to participate in the *CmDv* bid process again after their debarment period, they will be considered as a *new Contractor*.

DEMOLITION SERVICES CONTRACT: A written agreement of terms shall be fully executed between the City of Alexandria and the Contractor and shall be binding upon any and all parties. The *Demolition Services Contract* shall be executed within forty five (45) calendar days from the date of bid opening. After the contract is signed by the Contractor, the *Demolition Services Contract* must be signed by the Mayor of the City of Alexandria to be considered fully executed and enforceable. Once the *Demolition Services Contract* is fully executed, all terms and conditions of the contract shall be in effect and honored upon any and all parties involved until the contract is satisfied and/or terminated. The *CDA Demolition Permit* can then be issued, if all other documentation has been received.

DISPOSAL OF DEMOLITION DEBRIS / LANDFILL:

- a. All demolition debris shall be dumped at a commercial dump facility. Weigh / dump tickets shall be submitted to *CmDv* as documentation of legal disposal prior to receiving payment. The only exception is salvageable materials, such as beams, flooring and brick, etc. that the Contractor may want to keep for resale or re-use.
- b. All nonexempt construction or demolition debris, such as asbestos materials, shall be properly disposed of in accordance with the solid waste disposal regulations of the *LDEQ*. Weigh tickets or the Owner's copy of the *ADVF* shall be submitted to the *CmDv* as documentation of proper disposal prior to receiving payment. This may be subject to an audit by the City of Alexandria, *LDEQ* and/or *HUD*.

- c. If specified, 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.

DISPUTE RESOLUTION: The Contractor and City shall agree that should any dispute arise concerning the work performed under the *Demolition Services Contract, payment, or warranty*, the parties agree to submit the dispute in writing within ten (10) calendar days to the *CmDv* Administrator. A dispute resolution, in which the determination will be final and without recourse, will be provided in writing within thirty (30) calendar days of receipt of the dispute notice.

HOUSING AND URBAN DEVELOPMENT (HUD): The federal agency responsible for national policy and programs that address America's housing needs, improve and develop the Nation's communities and enforce fair housing laws. *HUD* provides federal funds to the City of Alexandria in order to execute defined programs.

IN GOOD STANDING: The Demolition Contractor must be "*in good standing*" with *CmDv* and the City of Alexandria, if they have ever performed work for the City in the past, in order to participate in the bid process. This means that prior work experiences and contracts have been satisfactorily completed. See *cause* for reasons that may prohibit a Contractor for being "*in good standing*".

INSPECTIONS: Each *CDA Demolition Permit* issued shall list the required *inspections* on the second page of the permit specific for that address. A minimum of 2 *inspections* are required by *CmDv*, however, depending on the presence of hazardous materials, there could be a minimum of 3. The Contractor shall notify the City Inspection Call Center at 318-441-6333 to schedule all inspections a minimum of 24 hours in advance of requested time. Typical inspections are:

- a. CDA Site Preconference Inspection – (required) to be scheduled by the Contractor a minimum of one (1) business day before the start of work. This provides both parties with an opportunity to visit to site and discuss the scope of work. The Demolition Contractor must be present. This *inspection* can be scheduled at any time after the Contractor signs the *Demolition Services Contract* and/or before the *CDA Demolition Permit* is issued but must be before any work is started.
- b. CDA Abatement Inspection – (may be optional, refer to the *CDA Demolition Permit* issued to verify if required) to be scheduled by the Contractor a minimum of two (2) business days before the completion of material abatement removal. This provides the City with assurances that required abatement process is properly performed. This inspection shall be required if the provided *Asbestos Testing Survey Report's* determination shows evidence of any material, whether *ACM* or *RACM*, that must be abated. The Demolition Contractor or the Abatement Contractor must be present. If abatement is required, no demolition activity can begin until after the *CDA Abatement Inspection* is passed. Notification of abatement must be made to *CmDv* before work begins. Please call Construction Development Permit Tech, 24 hours in advance at (318) 441-6333.
- c. Demolition Final Inspection – (required) to be scheduled by the Contractor after the entire scope of work is completed by the Contractor. This provides the City with confirmation that the specifications and criteria for the scope of work has been completed or identifies remaining work to be performed by the Contractor before a *Certificate of Completion* can be issued and/or the Contractor be paid for services. The Demolition Contractor is not required to be present, however, it is preferred.

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 City and its representatives against any claim or liability arising from violation of any such law, ordinance or regulation.

LOUISIANA DEPARTMENT OF ENVIRONMENT QUALITY (LDEQ): The responsible entity to manage all environmental concerns of the State. The local LDEQ field office contact is 318-484-2115 or visit their website at deq.louisiana.gov.

MANDATORY PRE-BID CONFERENCE: A mandatory meeting will be held for all Contractors interested in bidding on the *CmDv Demolition Services Bid Packet*. The date and time of the meeting can be found at the top of Attachment #1. The purpose of the meeting is to discuss the scope of work particular to each address published for bid. A summary of all questions and

discussion may be created and distributed to all attendees within five (5) business days after the *Pre-Bid Conference* as an *Addendum*. If a Contractor fails to attend this *Mandatory Pre-Bid Conference*, any bids submitted will be considered non-responsive and will be rejected.

- a. Any questions or clarifications requested by a Contractor outside of the *Pre-Bid Conference* must be submitted as defined in the definition for *Addendum* within this document.

NEW CONTRACTOR / FIRST TIME AWARD: All Contractors awarded a bid proposal for the first time through *CmDv* or those previously *debarred*, will be required to successfully complete a minimum of one (1) project prior to signing additional contracts, in the event they are awarded multiple addresses. Should *CmDv* determine *cause* against the *new Contractor* on any awarded project, remaining *Bid Tabulation Sheet Notifications* / awards to that Contractor may be *withdrawn* by *CmDv*. Written notification stating the reasons will be provided to the Contractor within thirty (30) calendar days.

PAYMENT: The City shall pay the Contractor 100% of the contracted amount due within thirty (30) calendar days of receipt of all requisite documentation. Invoice submittal questions may be directed to 318-449-5073. The terms of the contract shall be deemed completed and accepted by the *CmDv* after final *payment* is made. Requisite documentation for *payment* shall include:

- a. Satisfactory completion of the *CDA Demolition Permit* and required inspections;
- b. Proof of legal dumping of all demolition materials via landfill dump tickets;
- c. Abatement Contractor's written report, if any abatement work was performed by someone other than the Demolition Contractor;
- d. Issuance of a *Certificate of Completion* by the City Building Official or their designee;
- e. Submittal of an invoice for a one-time *payment*;
- f. Other documentation deemed necessary by *CmDv*.

Payment for each *Demolition Services Contract* may be paid with either City general funds or *HUD* federal funds based on the availability of money each fiscal year. The funding source shall be identified on the *Bid Tabulation Notification Sheet*, however, this is subject to change during the course of the project but have no impact to the Contractor. See definition for *Bid Tabulation Notification Sheet*.

PRESERVATION AND RESTORATION OF PROPERTY, TREES, MONUMENTS, ETC.:

- a. The Contractor shall be responsible for the 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.
- b. Land monuments, property markers and right of way markers shall not be removed by the Contractor without proper written consent from the *CmDv* Administrator.
- c. 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 made good such damage in an acceptable manner.

REGULATED ASBESTOS CONTAINING MATERIALS (RACM): Presence of *asbestos containing materials (ACM)* that are above the established thresholds and must be properly abated, thereby considered regulated. *RACM* also requires *LDEQ* to provide an *ADVF* form to the Contractor after it has reviewed the appropriate *AAC-2(a)* form. A licensed Abatement Contractor is required for proper removal and abatement of the same. A copy of the Abatement Contractors report after work is performed shall be required to be submitted to *CmDv* prior to the request for *payment*. See Attachment #5 for Asbestos Summary, Guidelines and Best Practices Guide. Dumping at specific landfill requirements apply.

- a. An *AAC-2 (a)* form is required when requesting Asbestos Disposal Verification Forms (*ADVF*) for Asbestos Contaminated Debris Activities (*ACDA*), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (*RACM*) is present, or assumed to be present, above the established thresholds or as otherwise required by *LAC 33:III.5151.F.1*.

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. Contractor shall provide toilet facilities, as needed, for their employees during the period of work.

SECONDARY / SUBSEQUENT AWARD: The decision for a *secondary / subsequent award* shall be the discretion of the *CmDv* Administrator, on behalf of the City. The options for *secondary / subsequent award* shall be to either: award to the next lowest responsible, responsive bidder (if within the specified allotted timeframe to honor bid prices) or re-advertise the property scope of work for public bid. Reasons that could create a *secondary / subsequent award* would be in the event that a project is initially awarded to a Contractor, then the awarded Contractor:

- a. fails to execute a contract;
- b. fails to satisfactorily complete a project;
- c. fails to abate a project as required;
- d. rejects the terms of a *change order* for scope of work and/or price by either the Contractor or the City;
- e. has multiple awards withdrawn by *CmDv* for cause; and/or
- f. has their contract terminated.

WARRANTY: All work performed will be guaranteed by the Contractor for a period of one (1) year following final *Payment*. Failure to comply and/or honor work performed may result in removal of "*in good standing*" status, *Contract termination* and/or *debarment*.



CmDv Demolition Services Bid Packet – Asbestos Summary, Guidelines, and Best Practices

The properties listed in this bid packet are subject to the State of Louisiana emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51, the City has contracted *asbestos testing surveys reports* on each property, as provided in Attachment #7. Chapter 51 details requirements for demolition projects, including a mandatory notification by filing either the AAC-2 (a) form or the AAC-2 (b) form.

An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1.

An AAC 2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds.

Generic, best practices methods of removal of ACM and RACM materials are provided for reference:

1. AAC-2 (b) Form:
 - a. Must be submitted to LDEQ a minimum of five (5) business days prior to the scheduled date of asbestos removal or three (3) business days, if the removal only includes resilient floor.
 - b. The three (3) most common scenarios applicable to use of the AAC-2 (b) are as follows:
 - i. No ACM was identified during the survey; therefore, no actions are necessary following notification;
 - ii. ACM/RACM were identified in quantities less than the established thresholds; therefore, the materials can remain in-place during demolition; however, OSHA regulations always apply.
 - iii. Category I and/or II non-friable ACM were identified during the survey at quantities greater than the established thresholds; therefore, the materials will require removal prior to demolition. The use of a licensed abatement contractor is recommended, but not required. The materials must be removed without damage that would cause it to become regulated (RACM). Examples of how this can be done with materials identified are provided in the table below.

ACM	NESHAP Classification	Removal/Handling Methods*
Resilient Flooring (floor tile and non-friable sheet flooring)	Category I Non-Friable	1. Remove in relatively whole pieces using dry ice, heat, wet methods 2. Wrap in plastic sheeting 3. Transport to landfill with the remainder of demolition debris
Window Glazing / Caulk	Category II Non-Friable	4. Removed entire component without damaging ACM 5. Wrap in plastic sheeting 6. Transport to landfill that is approved to accept asbestos
Exterior Cementitious Siding/Roof Shingles (transite)	Category II Non-Friable	7. Removed in whole pieces without breakage 8. Lowered down from elevated heights/ not dropped 9. Stacked on pallet, wrapped with plastic sheeting 10. Transport to landfill that is approved to accept asbestos.

*These methods are included in Chapter 51 and considered industry standards; however, the use of a licensed Abatement Contractor is recommended should the Contractor not be able to complete these actions appropriately.



2. AAC-2 (a) Form:

- a. Must be submitted to LDEQ a minimum of ten (10) business days prior to dates of asbestos removal;
- b. Asbestos removal must be performed by a licensed Abatement Contractor;
- c. The two most common scenarios applicable to use of the AAC-2 (a) are as follows:
 - i. *RACM* is present
 - ii. *ACM* (not *RACM*) was identified in the survey, but removal methods will include turning the *ACM* to *RACM*.

The above information is not intended as a scope of services or specifications. The above information is provided to assist prospective bidders in understanding requirements set forth in regulations regarding notification, handling, and disposal of asbestos containing materials. The use of a licensed Abatement Contractor is recommended to prospective bidders. OSHA compliance is the responsibility of the Contractor and is not addressed in this attachment.



CDBG Demolition Services Bid Packet – Contractor’s Bid Proposal Price Sheet

The undersigned offers to complete the CDBG Demolition Services for the following structures at the payment price stated for EACH property location listed on this sheet. Each building herein offered for demolition will be awarded to the lowest most responsive responsible bidder as budget allows. The City reserves the right to reject any / all proposals. Contractor shall include any costs associated with the abatement and disposal of asbestos containing material, as identified on the individual asbestos survey reports provided.

Due to multiple page listing of properties, Contractor must sign this page here _____ to authorize this sheet as the first page of a two page Bid Proposal Price Sheet.

*Note three (3) groups and two (2) individual addresses for bid.

#	MPN Project #	Address	Itemized Price per structure with a total for the group of structures	CmDv’s initials for Acceptance of Bid Price
1	CS-12078	2524 8th Street	\$	
2	CD-11767	2742 10th Street	\$	
3	CD-12570	3723 11th Street	\$	
4	CS-12061	2516 12th Street	\$	
5	CD-12548	2544 12th Street	\$	
6	CD-12547	1015 Augusta Avenue	\$	
7	CD-12580	312 Bogan Street	\$	
8	CD-12782	730 Woodard Street	\$	
GROUP 1 LOCATIONS – (ITEMIZE PRICE FOR EACH PROPERTY LISTED ABOVE) & TOTAL GROUP 1 PRICE:			\$	

#	MPN Project #	Address	Itemized Price per structure with a total for the group of structures	CmDv’s initials for Acceptance of Bid Price
9	CD-12790	4517 Futrell Street	\$	
10	CD-12667	4708 Garden Street	\$	
11	CD-12669	3305 Hudson Boulevard	\$	
12	CD-12716	4108 Lincoln Road	\$	
13	CD-12711	4206 Lincoln Road	\$	
14	CD-12732	3840 Palmetto Street	\$	
GROUP 2 LOCATIONS – (ITEMIZE PRICE FOR EACH PROPERTY LISTED ABOVE) & TOTAL GROUP 2 PRICE:			\$	



#	MPN Project #	Address	Itemized Price per structure with a total for the group of structures	CmDv's initials for Acceptance of Bid Price
15	CD-12572	56 Eastwood Avenue	\$	
16	CS-12155	116 Mary Lane	\$	
17	CD-12672	1326 Charlton Street	\$	
18	CD-12806	2525 Wise Street	\$	
GROUP 3 LOCATIONS – (ITEMIZE PRICE FOR EACH PROPERTY LISTED ABOVE) & TOTAL GROUP 3 PRICE:			\$	

1. Proposals must be submitted in accordance with the Bid Submittal Conditions (Attachment #1).
2. All bids must be honored for ninety (90) calendar days.
3. The Contractor is responsible for visiting the property in effort to estimate their bid proposal and to review the scope of work with pictures and map provided, including the Asbestos Testing Survey Reports, and all other parts of the CmDv Demolition Services Bid Packet. By signing this form, the Contractor accepts responsibility for the extent and character of work to be performed.
4. Bid awards will be made according to General Conditions (Attachment #2) and Definitions (Attachment #4).

ADDENDUM NUMBER(S) ACKNOWLEDGED, IF APPLICABLE: _____

COMPANY NAME _____ DATE _____

STREET ADDRESS _____ P O BOX _____

CITY _____ STATE _____ ZIP _____

TELEPHONE NUMBER _____ DUNS NUMBER _____

AUTHORIZED SIGNATURE: _____



Community Development Department
Attn: Demo Program Manager
625 Murray Street, 3rd Floor, Alexandria, LA 71301
318-449-5071 Office / 318-449-5031 Fax
cda@cityofalex.com

**CmDv Demolition Services Bid Packet –
Subject Property Identification including:
structure / property photo,
location map,
Asbestos Survey Report with required AAC-2 (a) or (b) form
and City Resolution for Order of Condemnation
for each location advertised for bid**

Attachment #7

for 18 properties, total pages this section 807

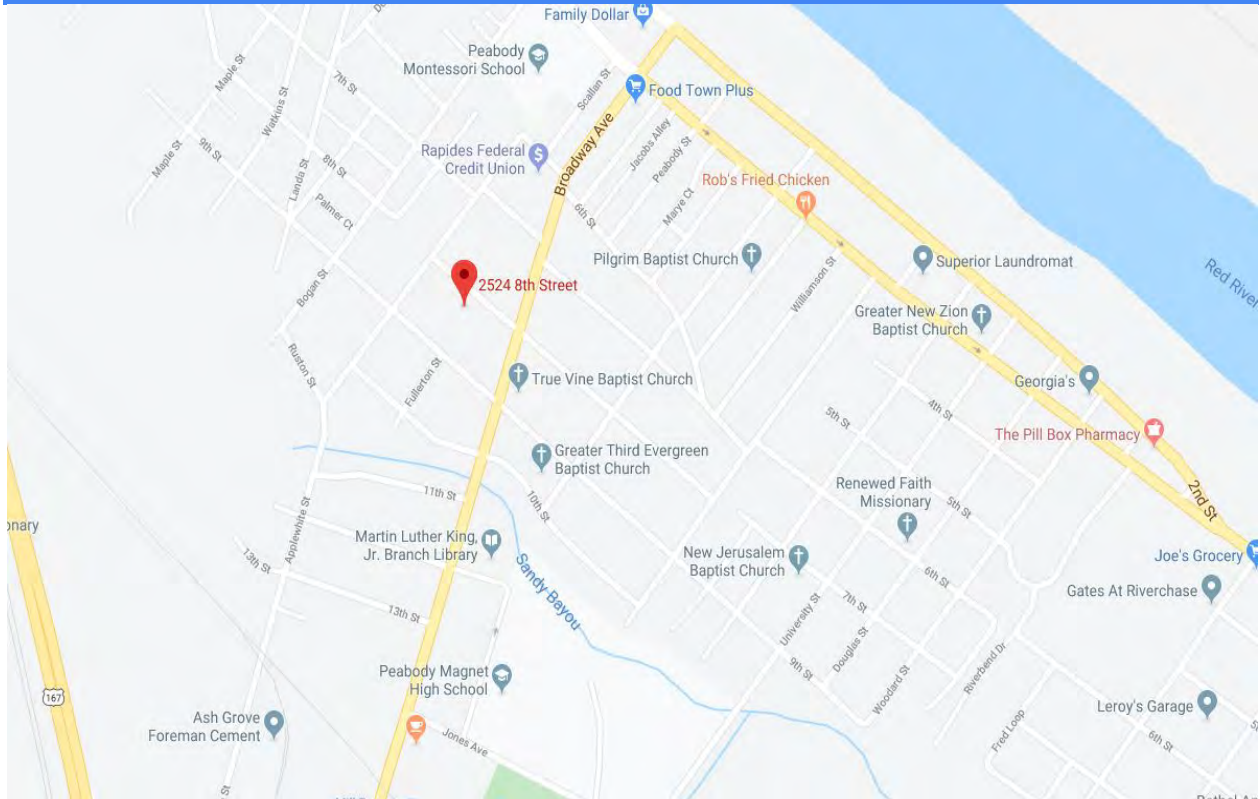
Properties are inserted in alphabetical order by GROUP,
based on street name, then street number.



CS-12078
2524 8th Street



31°17'57.0"N 92°26'09.8"W



Asbestos Survey Report

Residential Structure (CS12078)
2524 8th Street
Alexandria, Louisiana

November 6, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 6, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CS12078)
2524 8th Street
Alexandria, Louisiana
Terracon Project No. BB197056

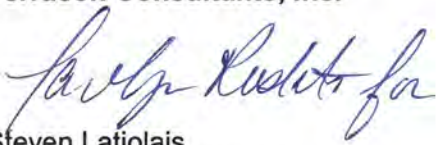
Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 9, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.


Steven Latiolais
Staff Industrial Hygienist


Zack L. Dial
Senior Engineer

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5.0	FINDINGS AND RECOMMENDATIONS.....	5
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APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CS12078)
2524 8th Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 6, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 9, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,300 square-foot, single-story, pier-and-beam structure with a wood frame. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood and vinyl sheet flooring, and walls and ceilings consisted of wood and/or drywall system wallboard.

Asbestos Survey Report

2524 8th Street ■ Alexandria, Louisiana

November 6, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

2524 8th Street ■ Alexandria, Louisiana

November 6, 2019 ■ Terracon Project No. BB197056



Twenty-four (24) samples were collected from eight (8) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

2524 8th Street ■ Alexandria, Louisiana

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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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

2524 8th Street ■ Alexandria, Louisiana

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specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Category II Non-Friable ACM

Laboratory analysis confirmed the following asbestos-containing Category II non-friable materials:

- Exterior white transite siding

According to LDEQ and EPA NESHAP regulations, Category II non-friable ACM is any material, excluding Category I non-friable ACM, that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the force expected to act on the material in the course of demolition operations are considered Regulated Asbestos Containing Materials (RACM) and are required to be abated prior to demolition.

5.2 Regulated Asbestos Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

Laboratory analysis confirmed the following asbestos-containing friable materials:

- White wall texture

As the results of this survey indicated the structure contains RACM, all section of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. Upon proper notification, the LDEQ will issue an ADVF to provide approval to begin activities and to ensure that the ACM is removed and disposed of properly. The AAC-2a form must be on site during all RACM removal activities.

5.3 Special Conditions

Asbestos was identified in concentrations greater than 1% in joint compound associated with drywall ceiling systems within the subject structure (Samples 04-10, 04-11, and 04-12). However, the composite PLM sample analysis of the drywall and joint compound was less than 1%;

Asbestos Survey Report

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therefore, the drywall and joint compound system is not considered ACM per NESHAP. However, the OSHA Asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos regardless of concentration. 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 disturbance of this material has the potential to result in the release of airborne asbestos fibers.

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
CONFIRMED ASBESTOS CONTAINING MATERIALS
2524 8th Street
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
01	White Transite Siding	Exterior Walls	CAT II NF	Damaged	No	18% Chrysotile	1,000 SF
04	Wall Texture	Throughout	RACM	Significantly Damaged	Yes	Texture – 4% Chrysotile	1,200 SF

CAT I NF = Category I Non-Friable ACM
CAT II NF = Category II Non-Friable ACM
RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
2524 8th Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	White Transite Siding	Exterior facing walls	Damaged	18% Chrysotile
	01-02				Not Analyzed
	01-03				Not Analyzed
02	02-04	Black vapor barrier	Behind siding on exterior facing walls	Significantly Damaged	None Detected
	02-05				None Detected
	02-06				None Detected
03	03-07	Black Roof Shingles	Roof	Significantly Damaged	None Detected
	03-08				None Detected
	03-09				None Detected
04	04-10	White Wallboard with Joint Compound and Texture	Throughout	Significantly Damaged	Wallboard – None Detected Joint Compound – 3% Chrysotile Texture – 4% Chrysotile Composite – <1% Chrysotile
	04-11				Wallboard – None Detected Joint Compound – Not Analyzed Texture – Not Analyzed Composite – <1% Chrysotile
	04-12				Wallboard – None Detected Joint Compound – Not Analyzed Texture – Not Analyzed Composite – <1% Chrysotile

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
1015 Augusta Avenue
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
05	05-13	Faux Marble Pattern Sheet Flooring with Fiber Backing	Throughout	Significantly Damaged	None Detected
	05-14				None Detected
	05-15				None Detected
06	06-16	White Blown-In Insulation	Throughout	Significantly Damaged	None Detected
	06-17				None Detected
	06-18				None Detected
07	07-19	Cream Sheet Flooring with Fiber Backing	5	Significantly Damaged	None Detected
	07-20				None Detected
	07-21				None Detected
08	08-22	Brown Wood Panel Mastic	5	Significantly Damaged	None Detected
	08-23				None Detected
	08-24				None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929737

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 2524 8th - BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/10/2019 9:10 AM

Analysis Date: 10/11/2019 - 10/28/2019

Collected Date: 10/09/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01 <small>041929737-0001</small>	2524 8th - Ext - White Transite Siding	White Fibrous Homogeneous		82% Non-fibrous (Other)	18% Chrysotile
01-02 <small>041929737-0002</small>	2524 8th - Ext - White Transite Siding				Positive Stop (Not Analyzed)
01-03 <small>041929737-0003</small>	2524 8th - Ext - White Transite Siding				Positive Stop (Not Analyzed)
02-04 <small>041929737-0004</small>	2524 8th - Ext - Black Vapor Barrier	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
02-05 <small>041929737-0005</small>	2524 8th - Ext - Black Vapor Barrier	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
02-06 <small>041929737-0006</small>	2524 8th - Ext - Black Vapor Barrier	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
03-07-Shingle <small>041929737-0007</small>	2524 8th - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
03-07-Tar Paper <small>041929737-0007A</small>	2524 8th - Roof - Tar Paper	Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
03-08-Shingle <small>041929737-0008</small>	2524 8th - Roof - Black Roof Shingles	Black Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
03-08-Tar Paper <small>041929737-0008A</small>	2524 8th - Roof - Tar Paper	Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
03-09-Shingle <small>041929737-0009</small>	2524 8th - Roof - Black Roof Shingles	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
03-09-Tar Paper <small>041929737-0009A</small>	2524 8th - Roof - Tar Paper	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
04-10-Wallboard <small>041929737-0010</small>	2524 8th - 1 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
04-10-Joint Compound <small>041929737-0010A</small>	2524 8th - 1 - Joint Compound	Tan Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
04-10-Texture <small>041929737-0010B</small>	2524 8th - 1 - Texture	Beige Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
04-10-Composite <small>041929737-0010C</small>	2524 8th - 1 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	<1% Chrysotile

Report amended: 10/28/2019 08:56:00 Replaces initial report from: 10/16/2019 16:41:19 Reason Code: Client-Additional Analysis



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929737
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
04-11-Wallboard <i>041929737-0011</i>	2524 8th - 1 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
04-11-Joint Compound <i>041929737-0011A</i>	2524 8th - 1 - Joint Compound				Positive Stop (Not Analyzed)
04-11-Texture <i>041929737-0011B</i>	2524 8th - 1 - Texture				Positive Stop (Not Analyzed)
04-11-Composite <i>041929737-0011C</i>	2524 8th - 1 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	<1% Chrysotile
04-12-Wallboard <i>041929737-0012</i>	2524 8th - 2 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
04-12-Joint Compound <i>041929737-0012A</i>	2524 8th - 2 - Joint Compound				Positive Stop (Not Analyzed)
04-12-Texture <i>041929737-0012B</i>	2524 8th - 2 - Texture				Positive Stop (Not Analyzed)
04-12-Composite <i>041929737-0012C</i>	2524 8th - 2 - White Wallboard / Joint Compound	Brown/White Fibrous Homogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
05-13-Sheet Flooring <i>041929737-0013</i>	2524 8th - 2 - Faux Marble Pattern Sheet Flooring	Brown/White Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
05-13-Backing <i>041929737-0013A</i>	2524 8th - 2 - Fiber Backing	Gray Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
05-14-Sheet Flooring <i>041929737-0014</i>	2524 8th - 2 - Faux Marble Pattern Sheet Flooring	Brown/White Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
05-14-Backing <i>041929737-0014A</i>	2524 8th - 2 - Fiber Backing	Gray Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
05-15-Sheet Flooring <i>041929737-0015</i>	2524 8th - 2 - Faux Marble Pattern Sheet Flooring	Brown/White Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
05-15-Backing <i>041929737-0015A</i>	2524 8th - 2 - Fiber Backing	Gray Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (Other)	None Detected
06-16 <i>041929737-0016</i>	2524 8th - 3 - White Blown-in Insulation	White Fibrous Homogeneous	75% Glass	25% Non-fibrous (Other)	None Detected
06-17 <i>041929737-0017</i>	2524 8th - 2 - White Blown-in Insulation	White Fibrous Homogeneous	75% Glass	25% Non-fibrous (Other)	None Detected
06-18 <i>041929737-0018</i>	2524 8th - 1 - White Blown-in Insulation	White Fibrous Homogeneous	85% Glass	15% Non-fibrous (Other)	None Detected
07-19-Sheet Flooring <i>041929737-0019</i>	2524 8th - 5 - Cream Sheet Flooring	Beige Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
07-19-Backing <i>041929737-0019A</i>	2524 8th - 5 - Fiber Backing	Tan Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected

Report amended: 10/28/2019 08:56:00 Replaces initial report from: 10/16/2019 16:41:19 Reason Code: Client-Additional Analysis



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order: 041929737
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
07-20-Sheet Flooring <i>041929737-0020</i>	2524 8th - 5 - Cream Sheet Flooring	Beige Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
07-20-Backing <i>041929737-0020A</i>	2524 8th - 5 - Fiber Backing	Tan Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
07-21-Sheet Flooring <i>041929737-0021</i>	2524 8th - 5 - Cream Sheet Flooring	Beige Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
07-21-Backing <i>041929737-0021A</i>	2524 8th - 5 - Fiber Backing	Tan/White Fibrous Homogeneous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
08-22 <i>041929737-0022</i>	2524 8th - 5 - Brown Wood Panel Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-23 <i>041929737-0023</i>	2524 8th - 5 - Brown Wood Panel Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-24 <i>041929737-0024</i>	2524 8th - 5 - Brown Wood Panel Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Andrew Borsos (23)
 Ebony Miller (10)
 Olufunke Akintunde (2)
 Seri Smith (1)

Samantha Rundstrom, Laboratory Manager
 or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Report amended: 10/28/2019 08:56:00 Replaces initial report from: 10/16/2019 16:41:19 Reason Code: Client-Additional Analysis

EMSL Analytical, Inc.
200 Route 130 North



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041929737

RECEIVED
C. Cinnamon, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974
2019 OCT 10 10:10

Company: Terracon		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different	
Street: 524 Elmwood Park Boulevard Suite 170		If Bill to is Different note instructions in Comments**	
City: New Orleans	State/Province: LA	Zip/Postal Code: 70123	Country: US
Report To (Name): Steven Latiolais		Telephone #: 504-818-3638	
Email Address: steven.latiolais@terracon.com		Fax #:	Purchase Order:
Project Name/Number: 2524 9th / BB197056		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: LA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PLM - Bulk (reporting limit)	TEM - Bulk
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1
<input type="checkbox"/> PLM EPA NOB (<1%)	<input type="checkbox"/> NY ELAP Method 198.4 (TEM)
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> Chatfield Protocol (semi-quantitative)
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2
<input type="checkbox"/> NIOSH 9002 (<1%)	<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)	<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)	<u>Other</u>
<input type="checkbox"/> OSHA ID-191 Modified	<input type="checkbox"/>
<input type="checkbox"/> Standard Addition Method	

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: 10/9/19

Samplers Name: Steven Latiolais Samplers Signature: SL

Sample #	HA #	Sample Location	Material Description
		Please See Attached	

Client Sample # (s):	-	Total # of Samples:
Relinquished (Client):	SL to FedEx Date: 10/10/19	Time: 1800
Received (Lab):	CB B Date: 10-10-19	Time: 9:10

Comments/Special Instructions:
 Bill To: Terracon, 524 Elmwood Park Boulevard, Suite 170, New Orleans, LA, 70123, US
 Attention: Steven Latiolais Phone: 504-818-3638 Email: Steven.Latiolais@terracon.com Purchase Order:

24 SL

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location: _____

Page _____ of _____

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	252 nd St Ext	White Transite Siding	Exterior	1000 SF	G D (SD)
01-02					
01-03					
02-04	↓	Black Vapor Barrier	Exterior	1800 SF	G D (SD)
02-05					
02-06					
03-07	- Roof	Black Roof Shingles	Roof	1800 SF	G D (SD)
03-08					
03-09					
04-10	-1	White Wallboard w/ Joint Compound & Texture	Throughout	1200 SF	G D (SD)
04-11					
04-12					
05-13	-2	Faux Marble Pattern Sheet Flooring w/ Fiber Backing	Throughout	900 SF	G D (SD)
05-14					
05-15					
06-16	-3	White Blown-In Insulation	Throughout	900 SF	G D (SD)
06-17					
06-18					
07-19	-5	Cream Sheet Flooring w/ Fiber backing	5	200 SF	G D (SD)
07-20					
07-21					

2019 OCT 10 AM 10:10

RECEIVED
EMSL
CINNAMON, N.J.

(P2)

OrderID: 041929737

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹	
08-22	2524 8th	Brown Wood Panel Mastic	5	600 SF	G D SD	
08-23	↓				-S	G D SD
08-24	↓				-S	G D SD
					G D SD	
					G D SD	
					G D SD	
					G D SD	
					G D SD	
					G D SD	
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					G D SD	
					G D SD	

RECEIVED
 ENG. E. M. S. B.
 CINNANTHINSON, N.C.
 2019 OCT 10 AM 10:10

(Signature)

Page 3 OF 4

OrderID: 041929737

Christy, Sherry

041929737

From: Cinnaminson-Asbestos
Sent: Friday, October 18, 2019 12:52 PM
To: Corporate - Asbestos Login
Subject: FW: EMSL report, COC for order(s) 041929737 (041929737 - 2524 8th - BB197056)
Attachments: 041929737_coc.pdf; 041929737_001.pdf

From: McEvoy, Adam M
Sent: Friday, 18 October 2019 12:51:39 (UTC-05:00) Eastern Time (US & Canada)
To: EMSL Lab - Cinnaminson Asbestos
Cc: Latiolais, Steven M
Subject: FW: EMSL report, COC for order(s) 041929737 (041929737 - 2524 8th - BB197056)

[EXTERNAL E-MAIL]

I need composite analysis for samples 04-10, 04-11, and 04-12.

Thank you,

Adam McEvoy
Environmental Technician II

Terracon

524 Elmwood Park Blvd., Suite 170
New Orleans, Louisiana 70123
P [504] 818-3638 | F [504] 818-3890 | C [504] 919-1103
adam.mcevoy@terracon.com | terracon.com

From: Maloney, Jason M <Jason.Maloney@terracon.com>
Sent: Friday, October 18, 2019 11:44 AM
To: McEvoy, Adam M <Adam.Mcevoy@terracon.com>
Subject: FW: EMSL report, COC for order(s) 041929737 (041929737 - 2524 8th - BB197056)

Jason Maloney, P.E.
Project Engineer | Department Manager
Terracon

524 Elmwood Park Boulevard, Suite 170 | New Orleans, LA 70123
P [504] 818 3638 | F [504] 818 3890 | M [225] 454 3089 | Direct [504] 777 2531
Jason.Maloney@terracon.com | www.terracon.com

From: EMSL (Cinnaminson) <cinnasblab@EMSL.com>
Sent: Thursday, October 17, 2019 2:00 AM
To: Latiolais, Steven M <Steven.Latiolais@terracon.com>

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: White Transite Siding



View of HA-02: Black Roof Shingles



View of HA-04: White Wallboard with Joint Compound and Texture



HA-05: Faux Marble Pattern Sheet Flooring with Fiber Backing



View of HA-06: White Blown-in Insulation

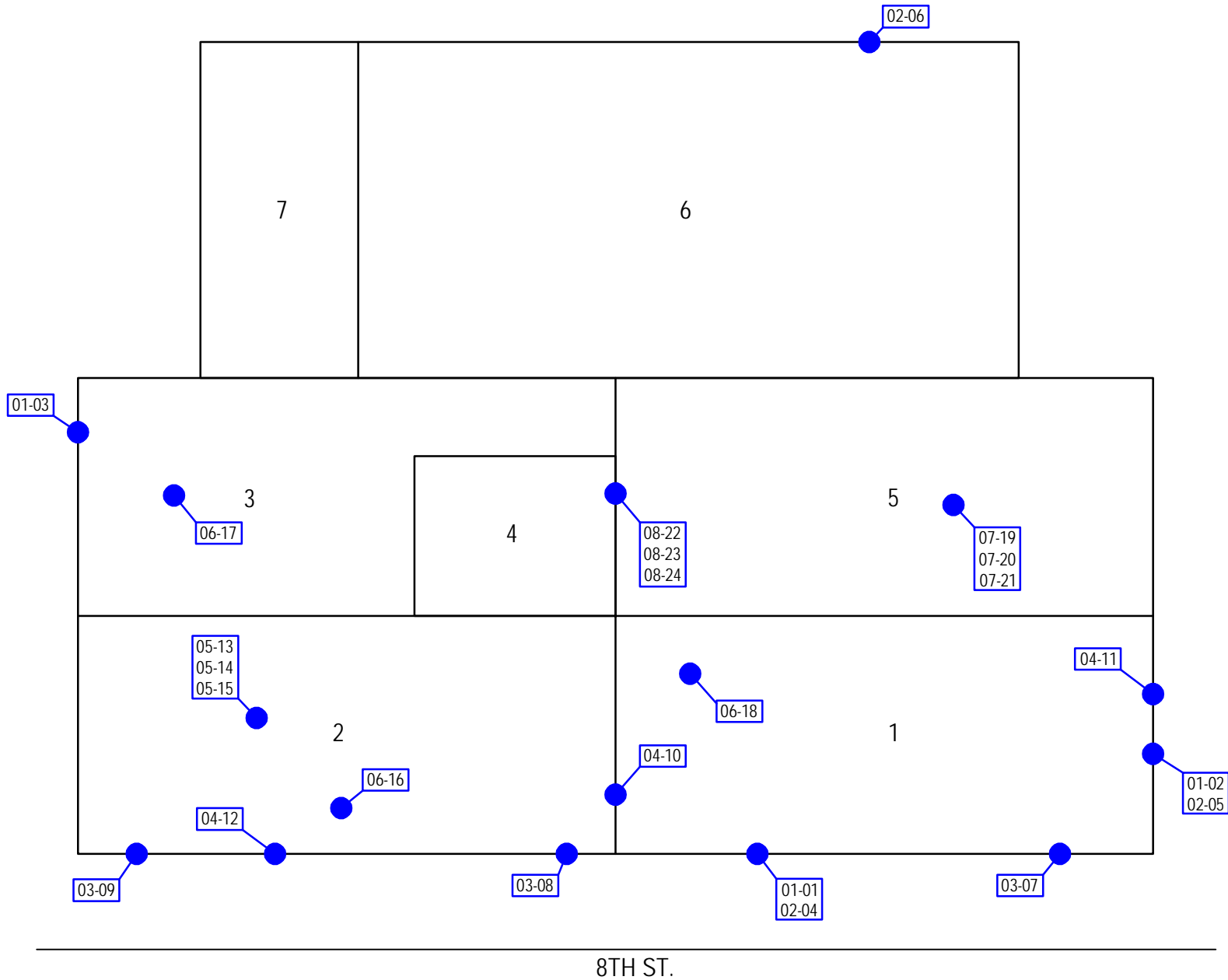


View of HA-07: Cream Sheet Flooring with Fiber Backing



View of HA-08: Brown Wood Panel Mastic

APPENDIX D
EXHIBITS



LEGEND

● ASBESTOS BULK
SAMPLE LOCATIONS

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngnr:	SML	Project No.	BB197056
Drawn By:	AMM	Scale:	NOT TO SCALE
Checked By:	SML	File No.	SAMPLELOC.dwg
Approved By:	ZLD	Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists

524 ELMWOOD PARK BLVD NEW ORLEANS, LA 70123
(504) 818-3638 (504) 818-3890

2524 8TH ST. - BULK SAMPLE LOCATIONS
LIMITED ASBESTOS SURVEY CITY OF ALEXANDRIA - 2524 8TH ST. - CS12078 2524 8TH STREET ALEXANDRIA, LOUISIANA

EXHIBIT
1

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

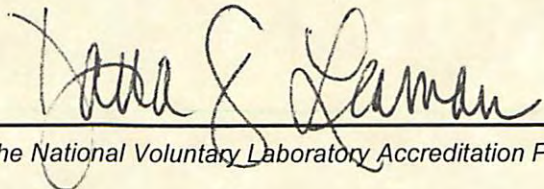
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b).

- Emergency Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. Explanation to justify your emergency request must be provided (see Section XIV).
- Revision ADVF #s to be revised _____
- Cancellation ADVF #s to be canceled _____

I. Type of Notification (check only one box)

Original Disposal Only Additional Latest ADVF# Issued _____

Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).

II. Type of Operation (check only one box)

Reno & Demo (ACM or RACM removal & subsequent demo) Renovation ACDA

RACM Demo (entire structure treated as RACM) Response Action (schools, state, public or commercial bldgs.)

Is structure being demolished under order of a state or local government agency? No Yes (Complete Sec. XIII)

III. Facility Description

Facility Name <u>Residential Structure</u> Physical Address <u>2524 8th Street</u> City <u>Alexandria</u> State <u>LA</u> Zip <u>71302</u> Parish <u>Rapides</u> Owner Name _____ Contact Name _____ Mailing Address _____ City _____ State _____ Zip _____ Contact Phone () _____ Contact Email _____	Project Designer Info (schools, state, public or commercial buildings) Name _____ LA Accred. No. _____ Building Size (sq. ft.) <u>1300</u> No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u> Location on site (Bldg, Floor, Room, etc.) where work is done <u>Building will be razed.</u>
--	---

Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input checked="" type="checkbox"/> Other <u>Blighted structure.</u>	Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input type="checkbox"/> Other _____
--	---

IV. Determination of Asbestos Present Known or Assumed Asbestos Present (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ

Inspector's Accred. No. MI200658 Lab Accred. No. LELAP 04127 (AI#131900)

Inspection Date 10/09/2019 (mm/dd/yy) Analysis Date 10/28/2019 (mm/dd/yy)

Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

Attach the following copies: • Signature page of inspection report for inspection date indicated (above)
 • Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input checked="" type="checkbox"/> Other <u>Wall Texture</u>	<input type="checkbox"/> VAT <input checked="" type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____
Amount of Asbestos Material	<u>1200</u> Linear Feet _____ Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard *ACD = Asbestos-contaminated Debris	<u>1000</u> Linear Feet _____ Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name[†] _____ On-site Supervisor's Name _____

LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____

Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)

City _____ State _____ Zip _____ Contact Name _____

Phone () _____ †A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____

Mailing Address _____ Contact Email _____

City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____
LDEQ SW Transporter No. T- _____ Contact Email _____
Mailing Address _____ Contact Phone () _____
City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

SW Transporter Name _____ Physical Location of Non-processing Transfer Station _____
LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____
Mailing Address _____ Contact Name _____
City _____ State _____ Zip _____ Contact Email _____
Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____
Physical Address _____ Contact Phone () _____
City _____ State _____ Zip _____ Mailing Address _____
City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency **City of Alexandria, LA**
Representative Name **Kenna Lavalais** Government Agency **Community Development Department**
Representative's Title **Demolition Program Manager**
Date Issued **May 16, 2017** (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). **City Resolution 9656-2017**

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each	For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each	For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1). No vouchers will be accepted for emergencies.
NO FEE	For revisions or cancellations.

Submittal Information

- For Emergencies - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- For Non-emergencies - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9656-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF FIFTEEN (15) STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of fifteen (15) structures.

Removal

BE IT FURTHER RESOLVED, etc., that the owners, agent, or other representatives of the owners provided evidence to the Community Development Department that the Structure (s) listed was brought up to the City of Alexandria Property Standards Code.

2129 3 rd Street	Newton Collier
118 Cottage Street	Kenneth Wayne Joseph
1779 Mason Street	Stanford Joseph

30 Days Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to June 27, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code or to be reconsidered for Condemnation.

<u>Property Address</u>	<u>Property Owner</u>
1430 5 th Street	Bernadette S. Baker
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
417 Newman Street	Mark Fairley, ET AL

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time

allowed fail to timely provide sufficient evidence of the owners actions or fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 27, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on May 16, 2017, the facts justifying Condemnation of the structures and improvements on the following properties and it is Ordered the following properties are condemned and shall be demolished and removed by the City or its agents within Thirty(30) days of this Order or within the discretion of the City at any time thereafter:

<u>Property Address</u>	<u>Property Owner</u>
2524 8 th Street	Marie C. Allen
312 Bogan Street (Larvadain – Abstain on the above)	C E S R LLC, Clarence Spottsville
2530 Memphis, Unit A & B (Larvadain abstain on the above)	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
3022 Houston Street	Deborah Phoenix Jones
2742 10 th Street	Thomas Cherneva

BE IT FURTHER RESOLVED, etc., that in the Order of Condemnation is final and shall be enforceable in accordance with law and subject to R.S. 33:4763 and other laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 16th day of May, 2017.

/s/ Donna Jones
City Clerk

CD-11767
2742 10th Street



31°17'42.4"N 92°25'59.0"W



Asbestos Survey Report

Residential Structure (11767)
2742 10th Street
Alexandria, Louisiana

November 7, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 7, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (11767)
2742 10th Street
Alexandria, Louisiana
Terracon Project No. BB197056

Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 10, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were not identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.

Steven Latiolais
Staff Industrial Hygienist

Zack L. Dial
Senior Engineer

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APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (11767)
2742 10th Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 7, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 10, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,000 square-foot, single-story, pier-and-beam structure with a wood frame. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood and the walls and ceilings consisted of wood and/or drywall system wallboard.

Asbestos Survey Report

2742 10th Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

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Six (6) samples were collected from two (2) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

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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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

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specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

ACM was not identified in connection with the subject structure.

The results of this survey did not identify any asbestos-containing materials, however, LDEQ requires written notification (AAC-2b) prior to any demolition activity, regardless of whether the building contains asbestos.

5.1 Special Conditions

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
ASBESTOS SURVEY SAMPLE SUMMARY
2742 10th Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	White Wallboard with Joint Compound	Front Room	Significantly Damaged	None Detected
	01-02				None Detected
	01-03				None Detected
02	02-04	Black Roof Shingles	Roof	Damaged	None Detected
	02-05				None Detected
	02-06				None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929706

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 2742 10th / BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/10/2019 9:10 AM

Analysis Date: 10/16/2019

Collected Date:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01-Wallboard <i>041929706-0001</i>	2742 10th - Int - White Wallboard	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
01-01-Joint Compound <i>041929706-0001A</i>	2742 10th - Int - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-02-Wallboard <i>041929706-0002</i>	2742 10th - Int - White Wallboard	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
01-02-Joint Compound <i>041929706-0002A</i>	2742 10th - Int - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-03-Wallboard <i>041929706-0003</i>	2742 10th - Int - White Wallboard	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
01-03-Joint Compound <i>041929706-0003A</i>	2742 10th - Int - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04 <i>041929706-0004</i>	2742 10th - Roof - Black Roof Shingles	Black Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
02-05 <i>041929706-0005</i>	2742 10th - Roof - Black Roof Shingles	Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
02-06 <i>041929706-0006</i>	2742 10th - Roof - Black Roof Shingles	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected

Analyst(s)

Shelby Baker (6)

Seri Smith (3)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 10/16/2019 11:55:06



EMSL ANALYTICAL, INC.
LABORATORY-PRODUCTS-TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041929706

EMSL Analytical, Inc.
200 Route 130 North

RECEIVED
CIVIL EMSL
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
TAX: (856) 786-5974
2019 OCT 10 AM 10:14

Company: Terracon		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 524 Elmwood Park Boulevard Suite 170		Third Party Billing requires written authorization from third party	
City: New Orleans	State/Province: LA	Zip/Postal Code: 70123	Country: US
Report To (Name): Steven Latiolais		Telephone #: 504-818-3638	
Email Address: steven.latiolais@terracon.com		Fax #:	Purchase Order:
Project Name/Number: 2742 10 th / BBI 97056		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: LA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PLM - Bulk (reporting limit)	TEM - Bulk
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1
<input type="checkbox"/> PLM EPA NOB (<1%)	<input type="checkbox"/> NY ELAP Method 198.4 (TEM)
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> Chatfield Protocol (semi-quantitative)
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2
<input type="checkbox"/> NIOSH 9002 (<1%)	<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)	<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)	Other
<input type="checkbox"/> OSHA ID-191 Modified	<input type="checkbox"/>
<input type="checkbox"/> Standard Addition Method	

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: 10/9/19

Samplers Name: *Steven Latiolais* Samplers Signature: *SL*

Sample #	HA #	Sample Location	Material Description
		<i>Please See Attached</i>	

Client Sample # (s): - Total # of Samples:

Relinquished (Client): *SL to FedEx* Date: 10/10/19 Time: 1800

Received (Lab): *OB* Date: 10/10/19 Time: 9:16

Comments/Special Instructions:
Bill To: Terracon, 524 Elmwood Park Boulevard, Suite 170, New Orleans, LA, 70123, US
Attention: Steven Latiolais Phone: 504-818-3638 Email: Steven.Latiolais@terracon.com Purchase Order:

6 *EL*

2742 10th

041929706

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	2742 10 th - Int.	White Wallboard w/	Front Room	150 SF	G D SD
01-02	↓	Joint Compound			
01-03	↓				
02-04	↓ Roof	Black Roof Shingles	Roof	1800 SF	G D SD
02-05	↓				
02-06	↓				
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD

OrderID: 041929706

DELIVERED
 TO: MRS. J. J. SIMMONS
 2742 10th ST. NEW ORLEANS, LA 70114
 2019 OCT 10 AM 10:14

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS

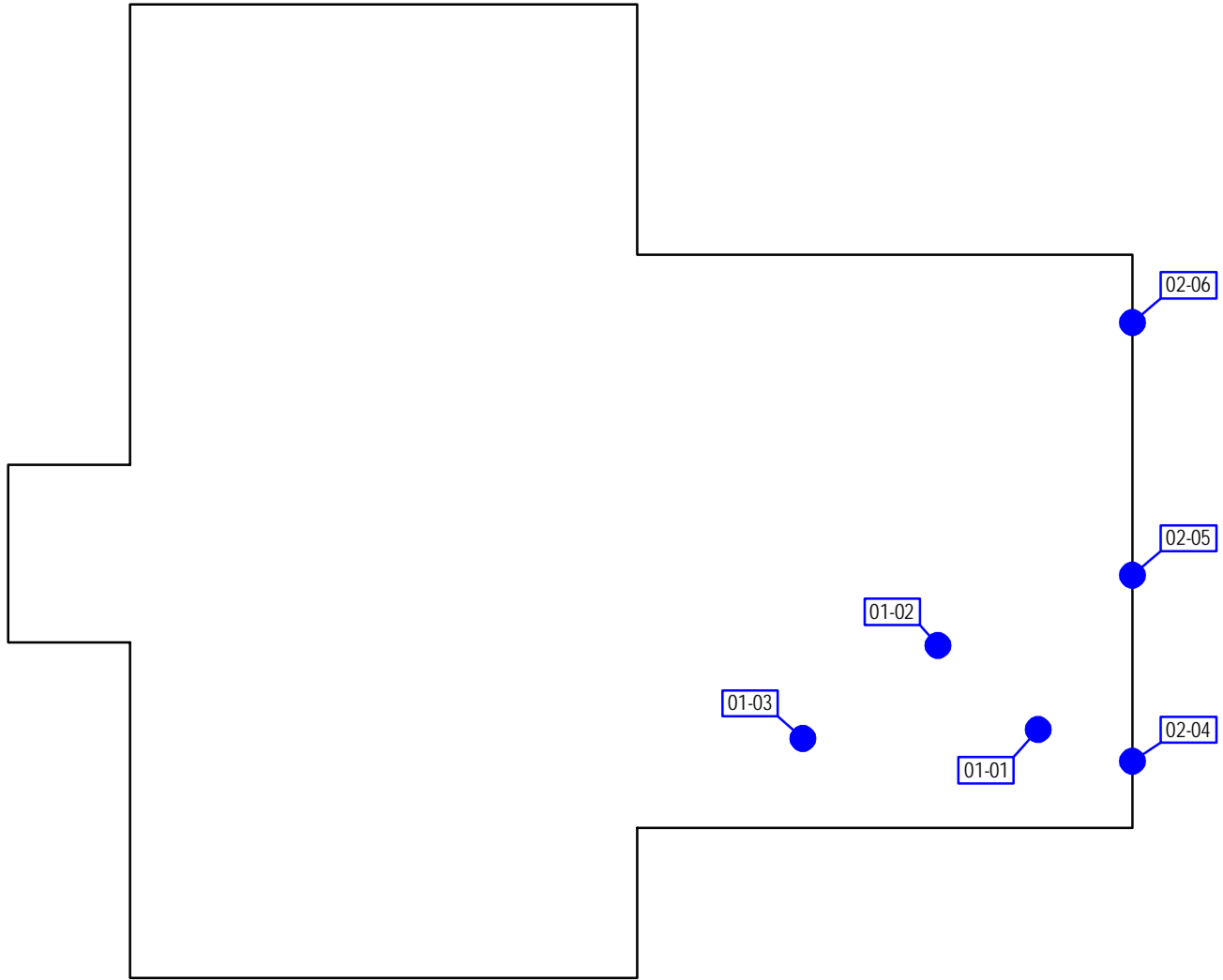


View of HA-01: White Wallboard with Joint Compound



View of HA-02: Black Roof Shingles

APPENDIX D
EXHIBITS



10TH ST.

LEGEND

● ASBESTOS BULK
SAMPLE LOCATIONS

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr:	SML
Drawn By:	AMM
Checked By:	SML
Approved By:	ZLD

Project No.	BB197056
Scale:	NOT TO SCALE
File No.	SAMPLELOC.dwg
Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists

524 ELMWOOD PARK BLVD NEW ORLEANS, LA 70123
(504) 818-3638 (504) 818-3890

2742 10TH ST. - BULK SAMPLE LOCATIONS
LIMITED ASBESTOS SURVEY CITY OF ALEXANDRIA - 2742 10TH ST. - 11767 2742 10TH STREET ALEXANDRIA, LOUISIANA

EXHIBIT
1

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

**Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division**

Issued Date: 21 June 2019
Effective Date: July 1, 2019
Expiration Date: June 30, 2020
Certificate Number: 04127



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

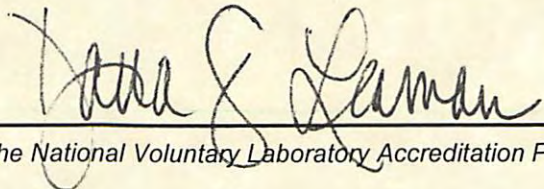
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2



ASBESTOS NOTIFICATION OF DEMOLITION (NEGATIVE DECLARATION) FORM AAC-2(b)

Do not use this form for
Asbestos Disposal Verification Forms (ADVF) requests

Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	N/A
Amt. Received	N/A
Postmark Date	
ADVF No.	N/A

Please type and complete all required sections.

NOTE: This form is to be used only for demolitions when lab analysis of properly sampled material indicates: that no Asbestos-Containing Material (ACM) is present; that the ACM present is not Regulated Asbestos-Containing Material (RACM), and will not be made RACM by the demolition; or that RACM, including any ACM that will be made RACM by the demolition, is less than the thresholds below (See Section I). For all other demolitions, renovations, or asbestos-contaminated debris activities, request ADVFs using the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a).

NOTE: This form is to be used for NON-EMERGENCIES only.

<p>I. Type of Notification <input checked="" type="checkbox"/> No ACM present</p> <p><input type="checkbox"/> ACM present is not RACM and will not be made RACM by the demolition</p> <p><input type="checkbox"/> RACM, or ACM that will be made RACM, is less than the established thresholds (See right)</p>	<p>Established Thresholds per LAC 33:III.5151.F.1. Combined amount of RACM is less than:</p> <ul style="list-style-type: none"> • 60 linear feet on pipes; • 64 square feet on other facility components; or • 1 cubic yard off facility components where length or area could not be measured previously.
<p>II. Type of Operation <input checked="" type="checkbox"/> Demolition (allowable only if structure contains no RACM or contains RACM below established thresholds) (See Section I, above)</p>	
<p>III. Facility Description</p> <p>Facility Name <u>Residential Structure</u> Parish <u>Rapides</u></p> <p>Physical Address <u>2742 10th Street</u> Building Size (sq. ft.) <u>1,000</u></p> <p>City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u> No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u></p> <p>Owner Name _____ Location on site (Bldg, Floor, Room, etc.) where work is done <u>Building will be razed.</u></p> <p>Contact Information: _____</p> <p>Contact Name _____ Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial</p> <p>Mailing Address _____ <input type="checkbox"/> Residential <input type="checkbox"/> Industrial</p> <p>City _____ State _____ Zip _____ <input checked="" type="checkbox"/> Other <u>Blighted structure</u></p> <p>Phone () _____ Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial</p> <p>Email _____ <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial</p> <p><input type="checkbox"/> Other _____</p>	

IV. Determination of No RACM Present /Amount of RACM Present is Below Established Thresholds for Demo Project (See Section I)

Inspection Date 10/09/2019 (mm/dd/yy) Lab Analysis Date 10/16/2019 (mm/dd/yy)
 Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ
 Inspector's Accred. No. MI200658 LELAP* Lab ID No. 04127
 Lab Agency Interest (AI) No. 131900

Procedure, including analytical method, if appropriate, PLM – EPA 600 used to detect the presence of asbestos material _____

NOTE: Laboratory analysis performed by commercial laboratories for this determination must have been conducted in accordance with the requirements set forth under LAC 33:I.Subpart 3, Chapters 49-55.

Laboratory data generated by commercial laboratories that are not accredited by the *Louisiana Environmental Laboratory Accreditation Program (LELAP) under LAC 33:I.Subpart 3, Chapters 47-57, will not be accepted by the LDEQ; retesting of analysis will be required by a commercial laboratory accredited by LELAP.

- Attach the following copies:
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b) will not be processed without these attachments.

V. Asbestos Containing Material (ACM) Not to be Removed from Structure Prior to Demolition (if ACM is present)

Type of Asbestos Material	RACM		Non-regulated ACM	
	<input type="checkbox"/> TSI	<input type="checkbox"/> Fireproofing	<input type="checkbox"/> VAT	<input type="checkbox"/> Asphalt Roofing
<input type="checkbox"/> Ceiling Tile	<input type="checkbox"/> Other _____	<input type="checkbox"/> Mastic	<input type="checkbox"/> Other _____	
Amount of Asbestos Material Not Removed	_____ linear	_____ linear feet		
	_____ square feet	_____ square feet		
	_____ cubic yards	_____ cubic yards		

VI. Demolition Contractor

Contractor Name _____ Contact Name _____
 Mailing Address _____ Contact Email _____
 City _____ State _____ Zip _____ Contact Phone () _____

VII. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

VIII. Planned Non-RACM Demolition

Describe planned non-RACM demolition and methods to be used _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

IX. Comments Provide any additional comments/information relevant to the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b).

X. Certification Sign this section only if RACM is absent or amount of RACM present is below established thresholds (See Section I)

I certify that the above information is correct and that under penalty of law, with regard to the structure being demolished, RACM is determined to be absent or the amount of RACM present is below established thresholds per LAC 33:III.5151.F.1. I understand that:

- the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b) is incomplete without the required analysis and supporting documentation from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57; this constitutes a failure to notify the LDEQ (See Section IV);
- the LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b) will not be processed without the required analysis and supporting documentation from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

Submittal Information

- There is no fee associated with the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b).
- Submit the form with an original signature and required attachments by one of the methods of delivery listed below.
- Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); however, the form with an original signature and required attachments must be submitted to the LDEQ within 5 working days of the email date by one of the following methods of delivery:

By Mail:

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9656-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF FIFTEEN (15) STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of fifteen (15) structures.

Removal

BE IT FURTHER RESOLVED, etc., that the owners, agent, or other representatives of the owners provided evidence to the Community Development Department that the Structure (s) listed was brought up to the City of Alexandria Property Standards Code.

2129 3 rd Street	Newton Collier
118 Cottage Street	Kenneth Wayne Joseph
1779 Mason Street	Stanford Joseph

30 Days Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to June 27, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code or to be reconsidered for Condemnation.

<u>Property Address</u>	<u>Property Owner</u>
1430 5 th Street	Bernadette S. Baker
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
417 Newman Street	Mark Fairley, ET AL

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time

allowed fail to timely provide sufficient evidence of the owners actions or fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 27, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on May 16, 2017, the facts justifying Condemnation of the structures and improvements on the following properties and it is Ordered the following properties are condemned and shall be demolished and removed by the City or its agents within Thirty(30) days of this Order or within the discretion of the City at any time thereafter:

<u>Property Address</u>	<u>Property Owner</u>
2524 8 th Street	Marie C. Allen
312 Bogan Street (Larvadain – Abstain on the above)	C E S R LLC, Clarence Spottsville
2530 Memphis, Unit A & B (Larvadain abstain on the above)	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
3022 Houston Street	Deborah Phoenix Jones
2742 10 th Street	Thomas Cherneva

BE IT FURTHER RESOLVED, etc., that in the Order of Condemnation is final and shall be enforceable in accordance with law and subject to R.S. 33:4763 and other laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 16th day of May, 2017.

/s/ Donna Jones
City Clerk

CD-12570
3723 11th Street



31°17'18.6"N 92°25'33.5"W



Asbestos Survey Report

Residential Structure (CD12570)
3723 11th Street
Alexandria, Louisiana

November 8, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 8, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12570)
3723 11th Street
Alexandria, Louisiana
Terracon Project No. BB197056

Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 9, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,

Terracon Consultants, Inc.

Steven Latiolais
Staff Industrial Hygienist

Zack L. Dial
Senior Engineer

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APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12570)
3723 11th Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 8, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 9, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,000 square-foot, single-story, slab-on-grade structure with a wood frame. At the time of the survey, the structure was largely damaged throughout with a collapsing roof at the rear. Internal flooring consisted vinyl tiles and sheet flooring. Walls and ceilings consisted of wood and/or drywall system wallboard ceilings.

Asbestos Survey Report

3723 11th Street ■ Alexandria, Louisiana

November 8, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

3723 11th Street ■ Alexandria, Louisiana

November 8, 2019 ■ Terracon Project No. BB197056



Thirty-nine (39) samples were collected from thirteen (13) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

3723 11th Street ■ Alexandria, Louisiana

November 8, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

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specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

Laboratory analysis confirmed the following asbestos-containing Category II non-friable materials:

- Residual black mastic atop slab

According to LDEQ and EPA NESHAP regulations, Category II non-friable ACM is any material, excluding Category I non-friable ACM, that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the force expected to act on the material in the course of demolition operations are considered Regulated Asbestos Containing Materials (RACM) and are required to be abated prior to demolition.

5.1 Regulated Asbestos Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

Laboratory analysis confirmed the following asbestos-containing friable materials:

- Residual fiber backing on residual black mastic

As the results of this survey indicated the structure contains RACM, all section of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. Upon proper notification, the LDEQ will issue an ADVF to provide approval to begin activities and to ensure that the ACM is removed and disposed of properly. The AAC-2a form must be on site during all RACM removal activities.

5.2 Special Conditions

Less than 1% chrysotile was identified within the adhesive associated with the parkay patterned 12"x12" floor tiles (HA-08). Terracon believes this is due to its contact with the residual black mastic on the structure's slab. Although the adhesive material is not considered asbestos-containing per EPA NESHAP, the OSHA asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos regardless of concentration. The OSHA standard requires that employee exposure to airborne asbestos fibers be maintained below 0.1 asbestos

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fibers per cubic centimeter of air (0.1 f/cc). The disturbance of this material has the potential to result in the release of airborne asbestos fibers.

Additionally, all flooring adhered to the residual fiber backing with Room 2 of the subject structure should be handled as RACM as separating the two in an abatement setting is impractical.

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
CONFIRMED ASBESTOS CONTAINING MATERIALS
4708 Garden Street
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
04	Residual black mastic on slab	1, 2, 3, 4, 5	Cat II NF	Good	No	5% Chrysotile	900 SF
05	Residual fiber backing atop residual black mastic	2	RACM	Significantly Damaged	Yes	4% Chrysotile	200 SF

Cat II NF = Category II Non-Friable ACM
RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
3723 11th Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	Brown self-stick 12"x12" floor tile	1, 2	Significantly Damaged	None Detected
	01-02				None Detected
	01-03				None Detected
02	02-04	White 2'x4' ceiling tile	1, 5	Significantly Damaged	None Detected
	02-05				None Detected
	02-06				None Detected
03	03-07	White popcorn texture	2, 3	Significantly Damaged	None Detected
	03-08				None Detected
	03-09				None Detected
04	04-10	Residual black mastic atop slab	1, 2, 3, 4, 5	Good	5% Chrysotile
	04-11				None Analyzed (Positive Stop)
	04-12				None Analyzed (Positive Stop)
05	05-13	Residual fiber backing atop residual black mastic	2	Significantly Damaged	4% Chrysotile
	05-14				None Analyzed (Positive Stop)
	05-15				None Analyzed (Positive Stop)
06	06-16	Cream 12"x12" self-stick floor tile	1	Significantly Damaged	Tile – None Detected Adhesive – None Detected
	06-17				Tile – None Detected Adhesive – None Detected
	06-18				Tile – None Detected Adhesive – None Detected

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
3723 11th Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
07	07-19	White and blue 12"x12" self-stick floor tiles	4	Damaged	Tile – None Detected Adhesive – None Detected
	07-20				Tile – None Detected Adhesive – None Detected
	07-21				Tile – None Detected Adhesive – None Detected
08	08-22	Parkay patterned 12"x12" self-stick floor tile	5	Damaged	Tile – None Detected Adhesive – <1% Chrysotile
	08-23				Tile – None Detected Adhesive – <1% Chrysotile
	08-24				Tile – None Detected Adhesive – None Detected
09	09-25	White drywall with joint compound and texture	6	Significantly Damaged	Drywall – None Detected Joint Compound – None Detected Texture – None Detected
	09-25				Drywall – None Detected Joint Compound – None Detected Texture – None Detected
	09-27				Drywall – None Detected Joint Compound – None Detected Texture – None Detected
10	10-28	Gray blown in insulation	6, 7	Damaged	None Detected
	10-29				None Detected
	10-30				None Detected
11	11-31	Floral patterned 12"x12" self-stick floor tile	2	Damaged	Tile – None Detected Adhesive – None Detected
	11-32				Tile – None Detected Adhesive – None Detected
	11-33				Tile – None Detected Adhesive – None Detected

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
3723 11th Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
12	12-34	Black roof shingles with felt paper	Roof	Damaged	Shingle – None Detected Felt – None Detected
	12-35				Shingle – None Detected Felt – None Detected
	12-36				Shingle – None Detected Felt – None Detected
13	13-37	Gray blown in insulation	7	Damaged	None Detected
	13-38				None Detected
	13-39				None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

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EMSL Order: 041929882

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 3723 11th / BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/11/2019 9:20 AM

Analysis Date: 10/14/2019 - 10/15/2019

Collected Date: 10/09/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01 <i>041929882-0001</i>	3723 11th - 1 - Brown Self-stick 12"x12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-02 <i>041929882-0002</i>	3723 11th - 1 - Brown Self-stick 12"x12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-03 <i>041929882-0003</i>	3723 11th - 2 - Brown Self-stick 12"x12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04 <i>041929882-0004</i>	3723 11th - 1 - White 2'x4' Ceiling Tile	Brown/White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
02-05 <i>041929882-0005</i>	3723 11th - 1 - White 2'x4' Ceiling Tile	Brown/White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
02-06 <i>041929882-0006</i>	3723 11th - 5 - White 2'x4' Ceiling Tile	Brown/White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
03-07 <i>041929882-0007</i>	3723 11th - 2 - White Popcorn Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-08 <i>041929882-0008</i>	3723 11th - 3 - White Popcorn Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-09 <i>041929882-0009</i>	3723 11th - 3 - White Popcorn Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04-10 <i>041929882-0010</i>	3723 11th - 1 - Residual Black Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
04-11 <i>041929882-0011</i>	3723 11th - 2 - Residual Black Mastic				Positive Stop (Not Analyzed)
04-12 <i>041929882-0012</i>	3723 11th - 5 - Residual Black Mastic				Positive Stop (Not Analyzed)
05-13 <i>041929882-0013</i>	3723 11th - 2 - Residual Fiber Backing	Tan/Black Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
05-14 <i>041929882-0014</i>	3723 11th - 2 - Residual Fiber Backing				Positive Stop (Not Analyzed)
05-15 <i>041929882-0015</i>	3723 11th - 2 - Residual Fiber Backing				Positive Stop (Not Analyzed)
06-16-Floor Tile <i>041929882-0016</i>	3723 11th - 1 - Cream 12"x12" Self-stick Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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EMSL Order: 041929882
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
06-16-Adhesive <i>041929882-0016A</i>	3723 11th - 1 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-17-Floor Tile <i>041929882-0017</i>	3723 11th - 1 - Cream 12"x12" Self-stick Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-17-Adhesive <i>041929882-0017A</i>	3723 11th - 1 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-18-Floor Tile <i>041929882-0018</i>	3723 11th - 1 - Cream 12"x12" Self-stick Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-18-Adhesive <i>041929882-0018A</i>	3723 11th - 1 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-19-Floor Tile <i>041929882-0019</i>	3723 11th - 4 - White and Blue 12"x12" Self-stick Floor Tile	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-19-Adhesive <i>041929882-0019A</i>	3723 11th - 4 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-20-Floor Tile <i>041929882-0020</i>	3723 11th - 4 - White and Blue 12"x12" Self-stick Floor Tile	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-20-Adhesive <i>041929882-0020A</i>	3723 11th - 4 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-21-Floor Tile <i>041929882-0021</i>	3723 11th - 4 - White and Blue 12"x12" Self-stick Floor Tile	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-21-Adhesive <i>041929882-0021A</i>	3723 11th - 4 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-22-Floor Tile <i>041929882-0022</i>	3723 11th - 5 - Parkay Pattern 12"x12" Self-stick Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-22-Adhesive <i>041929882-0022A</i>	3723 11th - 5 - Adhesive	Black/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
08-23-Floor Tile <i>041929882-0023</i>	3723 11th - 5 - Parkay Pattern 12"x12" Self-stick Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-23-Adhesive <i>041929882-0023A</i>	3723 11th - 5 - Adhesive	Black/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
08-24-Floor Tile <i>041929882-0024</i>	3723 11th - 5 - Parkay Pattern 12"x12" Self-stick Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-24-Adhesive <i>041929882-0024A</i>	3723 11th - 5 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09-25-Wallboard <i>041929882-0025</i>	3723 11th - 6 - White Wallboard	Tan/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
09-25-Joint Compound <i>041929882-0025A</i>	3723 11th - 6 - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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EMSL Order: 041929882
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
09-25-Texture <small>041929882-0025B</small>	3723 11th - 6 - Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09-26-Wallboard <small>041929882-0026</small>	3723 11th - 6 - White Wallboard	Tan/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
09-26-Joint Compound <small>041929882-0026A</small>	3723 11th - 6 - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09-26-Texture <small>041929882-0026B</small>	3723 11th - 6 - Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09-27-Wallboard <small>041929882-0027</small>	3723 11th - 6 - White Wallboard	Tan/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
09-27-Joint Compound <small>041929882-0027A</small>	3723 11th - 6 - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09-27-Texture <small>041929882-0027B</small>	3723 11th - 6 - Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10-28 <small>041929882-0028</small>	3723 11th - 7 - Gray Blown-in Insulation	Gray Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
10-29 <small>041929882-0029</small>	3723 11th - 7 - Gray Blown-in Insulation	Gray Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
10-30 <small>041929882-0030</small>	3723 11th - 7 - Gray Blown-in Insulation	Gray Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
11-31-Floor Tile <small>041929882-0031</small>	3723 11th - 2 - Floral Pattern 12"x12" Self-stick Floor Tile	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-31-Adhesive <small>041929882-0031A</small>	3723 11th - 2 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-32-Floor Tile <small>041929882-0032</small>	3723 11th - 2 - Floral Pattern 12"x12" Self-stick Floor Tile	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-32-Adhesive <small>041929882-0032A</small>	3723 11th - 2 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-33-Floor Tile <small>041929882-0033</small>	3723 11th - 2 - Floral Pattern 12"x12" Self-stick Floor Tile	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-33-Adhesive <small>041929882-0033A</small>	3723 11th - 2 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-34-Shingles <small>041929882-0034</small>	3723 11th - Roof - Black Roof Shingles	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
12-34-Felt Paper <small>041929882-0034A</small>	3723 11th - Roof - Felt Paper	Black Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
12-35-Shingles <small>041929882-0035</small>	3723 11th - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
12-35-Felt Paper <small>041929882-0035A</small>	3723 11th - Roof - Felt Paper	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
12-36-Shingles <small>041929882-0036</small>	3723 11th - Roof - Black Roof Shingles	Black Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
12-36-Felt Paper <small>041929882-0036A</small>	3723 11th - Roof - Felt Paper	Black Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
13-37 <small>041929882-0037</small>	3723 11th - 7 - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
13-38 <small>041929882-0038</small>	3723 11th - 7 - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
13-39 <small>041929882-0039</small>	3723 11th - 7 - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s) _____

Kelly Thomas (32)

Nancy Stalter (18)

Tyler Hurwitt (6)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

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EMSL Analytical, Inc.
200 Route 130 North



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041929882

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APR 9: 4

Company: Terracon		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 524 Elmwood Park Boulevard Suite 170		Third Party Billing requires written authorization from third party	
City: New Orleans	State/Province: LA	Zip/Postal Code: 70123	Country: US
Report To (Name): Steven Latiolais		Telephone #: 504-818-3638	
Email Address: steven.latiolais@terracon.com		Fax #:	Purchase Order:
Project Name/Number: 3723 11 th / BB 197056		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: LA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

- 3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PLM - Bulk (reporting limit)		TEM - Bulk	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NY ELAP Method 198.1 (friable in NY) <input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY) <input type="checkbox"/> OSHA ID-191 Modified <input type="checkbox"/> Standard Addition Method		<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1 <input type="checkbox"/> NY ELAP Method 198.4 (TEM) <input type="checkbox"/> Chatfield Protocol (semi-quantitative) <input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2 <input type="checkbox"/> TEM Qualitative via Filtration Prep Technique <input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique	
		Other	
		<input type="checkbox"/>	

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: 10/9/19

Samplers Name: Steven Latiolais Samplers Signature: *SL*

Sample #	HA #	Sample Location	Material Description
		Please See Attached	

Client Sample # (s): Total # of Samples: 39

Relinquished (Client): *SL to FedEx* Date: 10/10/19 Time: 1800

Received (Lab): *CB LX* Date: 10-11-19 Time: 9:20

Comments/Special Instructions:
Bill To: Terracon, 524 Elmwood Park Boulevard, Suite 170, New Orleans, LA, 70123, US
Attention: Steven Latiolais Phone 504-818-3638 Email: Steven.Latiolais@terracon.com Purchase Order:

TERRACON

3723 11th

041929882

Asbestos Bulk Sample Log & Chain of Custody Form

Lab Use Only:

Select a Laboratory

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location:

Page 2 of 3

OrderID: 041929882

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	3723 11th - 1	Brown Self-Stick 12"x12" Floor	1 & 2	400 SF	G D SD
01-02	- 1	Tile			
01-03	- 2	Tile			
02-04	- 1	White Self-Stick Ceiling Tile	1, 5	400 SF	G D SD
02-05	- 1				
02-06	- 5				
03-07	- 2	White Popcorn Texture	2, 3, 7	400 SF	G D SD
03-08	- 3				
03-09	- 3				
04-10	- 1	Residual Black Plastic	1, 2, 3, 4, 5	900 SF	G D SD
04-11	- 2				
04-12	- 5				
05-13	- 2	Residual Fiber Backing	2	200 SF	G D SD
05-14	- 2				
05-15	- 2				
06-16	- 1	Cream 12"x12" Self-Stick Floor Tile	1	36 SF	G D SD
06-17	- 1				
06-18	- 1				
07-19	- 4	White & Blue 10"x12" Self-Stick Floor Tile	4	44 SF	G D SD
07-20	- 4				
07-21	- 4				

RECEIVED
D E M S L
CINNAMINSON, N.J.
2019 OCT 11 AM 9:41

52

TERRACON

Asbestos Bulk Sample Log & Chain of custody Form

041929882

Lab Use Only:

Select a Laboratory

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location:

Page of

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition
08-22	3723 11th - 5	Roof			
08-23	↓ - 5	Roof			
08-24	↓ - 5	Roof			
09-25	⊙ - 6	White Wallboard / Joint Compound & Texture	6	100 SF	G D SD
09-26	↓ - 6	Gray Blown-In Insulation	6+7	200 SF	G D SD
09-27	↓ - 6				
10-28	↓ - 7				
10-29	↓ - 7				
10-30	↓ - 7				
11-31	↓ - 2	Fibral Pattern 12" x 12"			
11-32	↓ - 2	Self-Stick Floor Tile	2	15 SF	G D SD
11-33	↓ - 2				
12-34	↓ - Roof	Black Roof Roof Shingles	Roof	1800 SF	G D SD
12-35	↓ - Roof	W/Felt Paper		5 SF	G D SD
12-36	↓ - Roof				
13-37	↓ - 7	White Window Glazing	7	3' Window	G D SD
13-38	↓ - 7				
13-39	↓ - 7				

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(S/P/K)

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: Brown self-stick 12"x12" floor tile.



View of HA-02: White 2'x4' ceiling tile.



View of HA-03: White popcorn texture.



View of HA-04: Residual black mastic atop slab.



View of HA-05: Residual fiber backing atop residual black mastic.



View of HA-06: Cream 12"x12" self-stick floor tile.



View of HA-07: White and blue 12"x12" self-stick floor tiles.



View of HA-08: Parkay patterned 12"x12" self-stick floor tile.



View of HA-09: White drywall with joint compound and texture.



View of HA-10: Gray blown in insulation.

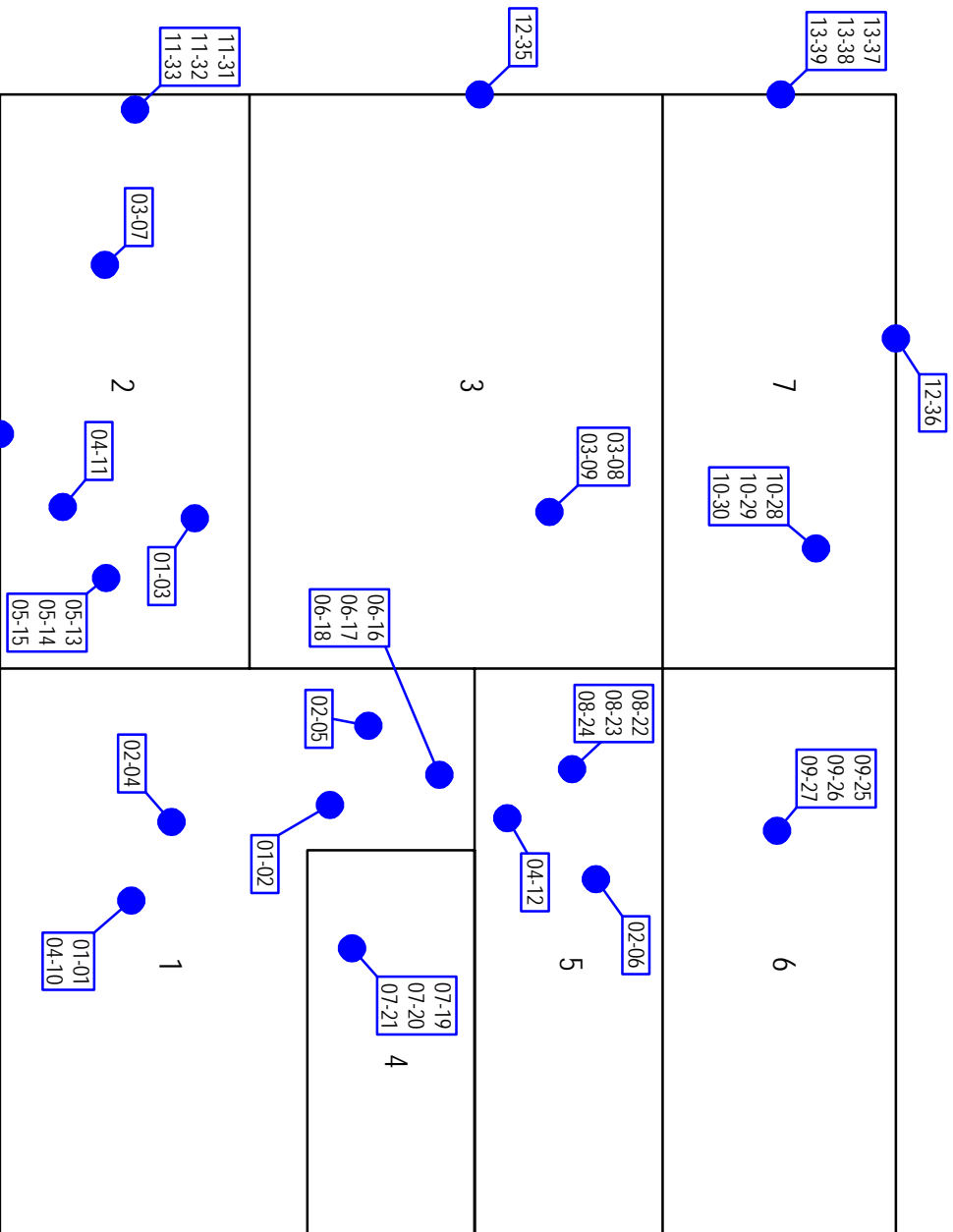


View of HA-12: Black roof shingles with felt paper.



View of HA-13: Gray blown in insulation.

APPENDIX D
EXHIBITS



11TH ST.

LEGEND

● ASBESTOS BULK
SAMPLE LOCATIONS

Project Mgr: SMIL	Project No BB197056	<p>Consulting Engineers and Scientists</p>	<p>3723 11TH ST. - BULK SAMPLE LOCATIONS</p> <p>LIMITED ASBESTOS SURVEY</p> <p>CITY OF ALEXANDRIA - 3723 11TH ST. - CD12570</p> <p>3723 11TH STREET</p> <p>ALEXANDRIA, LOUISIANA</p>	<p>EXHIBIT</p> <p>1</p>
Drawn By: AMM	Scale: NOT TO SCALE			
Checked By: SMIL	File No SAMP/ELC.dwg	<p>524 ELWOOD PARK BLVD NEW ORLEANS, LA 70122</p> <p>(504) 818-3638</p>		
Approved By: ZLD	Date: OCTOBER 2019			

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates



Dana S. Laman
For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

- Emergency** Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. **Explanation to justify your emergency request must be provided** (see Section XIV).
- Revision** ADVF #s to be revised _____
- Cancellation** ADVF #s to be canceled _____

I. Type of Notification (check only one box)	
<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Disposal Only
<input type="checkbox"/> Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).	<input type="checkbox"/> Additional Latest ADVF# Issued _____
II. Type of Operation (check only one box)	
<input checked="" type="checkbox"/> Reno & Demo (ACM or RACM removal & subsequent demo)	<input type="checkbox"/> Renovation
<input type="checkbox"/> RACM Demo (entire structure treated as RACM)	<input type="checkbox"/> Response Action (schools, state, public or commercial bldgs.)
Is structure being demolished under order of a state or local government agency? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Complete Sec. XIII)	
III. Facility Description	
Facility Name <u>Residential Structure</u>	Project Designer Info (schools, state, public or commercial buildings)
Physical Address <u>3723 11th Street</u>	Name _____
City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u>	LA Accred. No. _____
Parish <u>Rapides</u>	Building Size (sq. ft.) <u>1,000</u>
Owner Name _____	No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u>
Contact Name _____	Location on site (Bldg, Floor, Room, etc.) where work is done <u>Structure will be razed.</u>
Mailing Address _____	Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial
City _____ State _____ Zip _____	<input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation
Contact Phone () _____	<input checked="" type="checkbox"/> Other <u>Blighted structure</u>
Contact Email _____	Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial
	<input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation
	<input type="checkbox"/> Other _____

IV. Determination of Asbestos Present **Known or Assumed Asbestos Present** (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ

Inspector's Accred. No. MI200658 Lab Accred. No. 131900

Inspection Date 10/9/2019 (mm/dd/yy) Analysis Date 10/15/2019 (mm/dd/yy)

Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

- Attach the following copies:
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input checked="" type="checkbox"/> Other <u>Residual fiber backing</u>	<input type="checkbox"/> VAT <input type="checkbox"/> Transite <input type="checkbox"/> Piping <input checked="" type="checkbox"/> Mastic <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____
Amount of Asbestos Material	_____ Linear Feet <u>200</u> Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard *ACD = Asbestos-contaminated Debris	_____ Linear Feet <u>900</u> Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name † _____ On-site Supervisor's Name _____

LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____

Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)

City _____ State _____ Zip _____ Contact Name _____

Phone () _____ ‡A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____

Mailing Address _____ Contact Email _____

City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____
LDEQ SW Transporter No. T- _____ Contact Email _____
Mailing Address _____ Contact Phone () _____
City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

SW Transporter Name _____ Physical Location of Non-processing Transfer Station _____
LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____
Mailing Address _____ Contact Name _____
City _____ State _____ Zip _____ Contact Email _____
Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____
Physical Address _____ Contact Phone () _____
City _____ State _____ Zip _____ Mailing Address _____
City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency
Representative Name Kenna Lavalais Government Agency City of Alexandria, LA
Demolition Program Manager Community Development Department
Date Issued March 7, 2017 (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). City Resolution # 9633-2017

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi) _____

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components _____

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1).
No vouchers will be accepted for emergencies.
NO FEE For revisions or cancellations.

Submittal Information

- **For Emergencies** - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- **For Non-emergencies** - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9633-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 142 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 142 structures.

Removal-demolition by owner

BE FURTHER RESOLVED, etc., that on recommendation of the Community Development Administrator the following structures because of actions by owners who have hired State Licensed Contractors, secured permits & have completed works or secured permits are removed from this condemnation list

- 1) 4321 3rd Street – Kirklin Construction, demolition complete
- 2) 1947 Overton Street - Lathan Construction, demolition complete
- 3) 1953 Overton Street - Lathan Construction, demolition complete
- 4) 1957 Overton Street - Lathan Construction, demolition complete
- 5) 1963 Overton Street - Lathan Construction, demolition complete

Removed – incorrect address

- 6) 5211 Lincoln Road – incorrect address submitted in original list.

Continuance of Council action to consider Condemnations

The following property owners hired State licensed Contractors to secure permits: (work to be completed by 3/31/2017)

- 1) 2904 3rd Street -Veal Construction, Demo Permit issued.
- 2) 2211 Broadway Avenue - Grant Eastern, Demo Permit issued.
- 3) 1626 Dallas Avenue - Grant Eastern, Demo Permit issued.
- 4) 2924 Lee Street -Alliance Design, working on construction drawings.
- 5) 2307 Memphis Street -Veal Construction, Rehab Permit issued.
- 6) 4012 Morris Street - Lathan Construction, Demo Permit issued,

BY
 CLERK & RECORDER
 RAPIDES PARISH, LA
 MAR 14 PM 1:55
 FILED & RECORDED
 ROBYN L. HOOTER
 RECORDER
 1597800

765-
 14-

- 7) 341 North 17th Street - Lathan Construction, Demo Permit issued.
- 8) 2806 Overton Street -Tennie Construction, Rehab Permit issued.
- 9) 1506 Park Avenue - Larwood Construction, Rehab Permit issued.
- 10) 2518 Wise Street -Tennie Construction, Rehab Permit issued.

30 days extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **April 18, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1720 Albert Street	Patrick LaCour
1758 Albert Street	Wasmer Properties, LLC
2024 Harris Street	Tameisha & Melvin Sigur
2302 Lee Street	Tameisha & Melvin Sigur
2243 Overton Street	Tameisha & Melvin Sigur
1512 Shirland Avenue	Felicia Dausat
3933 Clinton Street	Oscar & Dorothy Jones

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on April 18, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

60 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **May 16, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
2129 3 rd Street	Newton Collier
1430 5 th Street	Bernadette S. Baker
2524 8 th Street	Marie C. Allen
312 Bogan Street	C E S R LLC, Clarence Spottsville
118 Cottage Street	Kenneth Wayne Joseph
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
1779 Mason Street	Stanford Joseph
2530 Memphis, Unit A & B	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
417 Newman Street	Mark Fairley, ET AL
3022 Houston Street	Deborrah Phoenix Jones
2742 10 th Street	Thoma Cherneva

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on May 16, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

90 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **June 13, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue (Larvadain abstained)	David A. Sheffield
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 13, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on March 7, 2017, the facts justifying Condemnation of the structures and improvements for the following properties, the law and evidence being in favor of Condemnation of the property it is Ordered the following properties are each **condemned** and shall be demolished and removed by the City or its agents within Sixty(60) days of this Order or otherwise within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
2424 3 rd Street	Page Livingston
3617 4 th street	Bakies Properties, LLC
3621 4 th street	Jerry Pearson
3108 9 th street	Alpha Capital/BMO Harris
3112 9 th street	Alice Hammond
3110 9 th Street	Frank R. Bordelon
3723 11 th street	Agnes Wallace
2447 Alma Street	Jerry Johnson
4110 Balentine Street	Colonial Financial Service Inc
99B Bertie Street	Walter Reynolds

1326 Charlton Street	Elsie H. Ryland
3925 Clinton Street	Henry Joffrion
1117 Cole Street	Leontina Dauzat
1119 Cole Street	Leontina Dauzat
2027 East Texas Avenue	Midwest Management
56 Eastwood Boulevard	Tri Brewer
1204 Fenner Street	Don Thompson
4517 Futrell Street	Willie M. Pickens
405 Gabriel Lane	Shirley Johnson
3008 Houston Street	Willie Wilson
3149 Houston Street	Savannah Webber
3305 Hudson Boulevard	Delwin Eldridge
3331 Hudson Boulevard	Rodney Taylor
311 John Thomas Street	Thomas Farace
5503 Jube Street	Michael Tennie
3520 Laurel Street	Donald Medica
717 Leland Street	Henry Weekly
4206 Lincoln Road	Lillian Davis
2533 Main Street	Washington Bush
116 Mary Lane	Bakies Properties, LLC
314 Marye Court	Kylie R. Larwood
2008 Mason Street	McErvin Howard, Sr. EST
2219 Mill Street	Dominic Robinson
208 1/2 North 13 th Street	Jerry Larwood
2803 Overton Street	Jerry & Rhonda Hughes

2426 Paris Street	Midwest Management US Bank
3404 Raymo Drive	Betty Givens & Charlie Johnson
342 Rosewood Drive	Randy L. Michiels
1530 Turner Street	James Price
2515 Wise Street	Curtisteen Matthews
524 Woodard Street	Alice Hammond
2401 3 rd Unit A Street	Nick Chenvert
2401 3 rd Unit B Street	Nick Chenvert
2603 3 rd Street	Annie Mae King
3120 3 rd street	Alice Hammond
2908 4 th Street	Harry Jackson
2634 6 th Street	Jessie Aaron
2641 8 th Street	Luster R. Smith
2516 12 th Street	Bessie Burrell
2544 12 th Street	Leon Rose
1015 Augusta Avenue	Leonard Johnson
97 Bertie Street	Walter Reynolds
3208 Bloch Street	Clifton Morris
5230 Broadmoor Court	Ray Rolan Chandler
832 Broadway Avenue	Elks Hub City Lodge #646
5211 Crestwood Drive	Clyde G. & Francine Wilson
1030 Dallas Avenue	Ora Butler
319 Daspit Street	Ralph & Emma McCoy
628 Douglas Street	Cole Rosa Lee Brooks
5137 Edward Avenue	Linda Smith Scott

1321 Fenner Street	Bessie Morris
3611 Hollywood Drive	Ivory Grant
2828 Houston Street	Jacquelin Freeman
3201 Hudson Boulevard	Rex H. Countee
1510 Huffman Street	Lucy B. Russaw
1512 Huffman Street	Virginia Harvey
821 John Thomas	Lucille Green
2145 Lee Street	Pharrow Perkins
604 Leonard Street	Rosa M. McCoy
1904 Levin Street	Russell J. Walker
1912 Levin Street	Louis H. Taylor/Frankie Mae Hall
2636 Main Street	Carrie C. Small
2716 Main Street	Lucille Taffaro
316 Marye Court	The Money Shack, LLC
2054 Mason Street	Herman Davis Burrell
2095 Mason Street	Rosemary Dauzart
209 North 15 th Street	Jerry Larwood
2040 Overton Street	Mary Cataldie
2069 Overton Street	Thomas J. Atkins
2213 Overton Street	Gertrude Quinney
2217 Overton Street	Bessie M. Vallery
2332 Overton Street	Joyce R.F. Sandifer
2437 Overton Street	Everett Hobbs
2441 Overton Street	Sir Welton Hobbs
2608 Overton Street	Harry C. Robinson

2720 Overton Street
2430 Paris Street
921 Railroad Avenue
504 Scallan Street
1203 Willow Glen River Road
2327 Wise Street (Larvadain abstained)
2704 Wise Street
730 Woodard Street

James P. Clinton
Joseph Wardsworth
Joyce Ann Clinton-Naquin
Lula Mae Booze
Mississippi Land Co., Inc.
Benjamin Bayone
Henry George
Willie Whittington

BE IT FURTHER RESOLVED, etc., that the Order of Condemnation is final for the Properties and parcels listed above and shall be enforceable in accordance with the laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 7th day of March, 2017.

/s/ Donna Jones

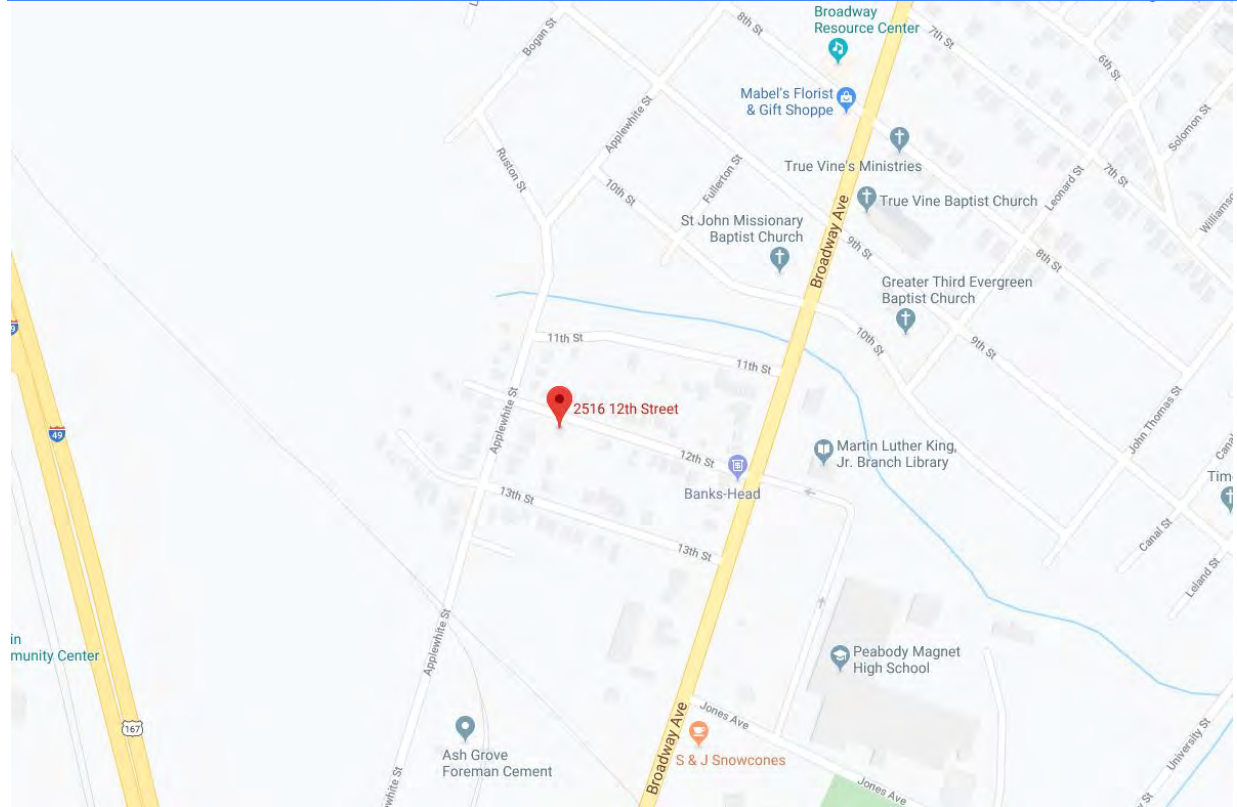
City Clerk

STATE OF LOUISIANA, PARISH OF RAPIDES
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND CORRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF
OFFICE, AT ALEXANDRIA, LOUISIANA, THIS 15
DAY OF March, A.D., 2017
BY Robin Hoover
DY. CLERK OF COURT

CS-12061
2516 12th Street



31°17'45.4"N 92°26'18.9"W



Asbestos Survey Report

Residential Structure (CS12061)
2516 12th Street
Alexandria, Louisiana

November 6, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 6, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CS12061)
2516 12th Street
Alexandria, Louisiana
Terracon Project No. BB197056

Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 10, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details. This structure was observed to be largely burnt with 2/3 of the rear walls and roof no longer present. The Terracon inspector noted that building materials remaining could be safely sampled and are representative of the structure.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,

Terracon Consultants, Inc.

Steven Latiolais
Staff Industrial Hygienist

Zack L. Dial
Senior Engineer

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APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CS12061)
2516 12th Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 6, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 10, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,000 square-foot, single-story, pier-and-beam structure with a wood frame. At the time of the survey, the structure was largely burned and damaged throughout. Internal floors consisted of wood, and walls and ceilings consisted of wood and/or drywall system wallboard.

Asbestos Survey Report

2516 12th Street ■ Alexandria, Louisiana

November 6, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

2516 12th Street ■ Alexandria, Louisiana

November 6, 2019 ■ Terracon Project No. BB197056



Twelve (12) samples were collected from nine (9) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

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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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

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specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Regulated Asbestos Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

Laboratory analysis confirmed the following asbestos-containing friable materials:

- Fiber Backing associated with the Beige Sheet Flooring

As the results of this survey indicated the structure contains RACM, all section of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. Upon proper notification, the LDEQ will issue an ADVF to provide approval to begin activities and to ensure that the ACM is removed and disposed of properly. The AAC-2a form must be on site during all RACM removal activities.

5.2 Special Conditions

This structure was observed to be largely burnt with 2/3 of the rear walls and roof no longer present. The Terracon inspector noted that building materials remaining could be safely sampled and are representative of the structure. The amount of RACM was unable to be identified; however, does not appear to be present throughout the entirety of the floor.

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

Asbestos Survey Report

2516 12th Street ■ Alexandria, Louisiana

November 6, 2019 ■ Terracon Project No. BB197056



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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
CONFIRMED ASBESTOS CONTAINING MATERIALS
2516 12th Street
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
01	Beige Sheet Flooring with Fiber Backing	Rear of floor area where no wall and roof structure remains	RACM	Significantly Damaged	Yes	Sheet Flooring – None Detected Fiber Backing – 25% Chrysotile	Unknown

RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
2516 12th Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	Beige Sheet Flooring	Throughout	Significantly Damaged	Sheet Flooring – None Detected Fiber Backing – 25% Chrysotile
	01-02				Sheet Flooring – None Detected Fiber Backing – Not Analyzed
	01-03				Sheet Flooring – None Detected Fiber Backing – Not Analyzed
02	02-04	White Wallboard	Throughout	Significantly Damaged	None Detected
	02-05				None Detected
	02-06				None Detected
03	03-07	12"x12" floor tile with black mastic	Throughout	Significantly Damaged	None Detected
	03-08				None Detected
	03-09				None Detected
04	04-10	Black Roof Shingles with Felt Paper	Throughout	Significantly Damaged	None Detected
	04-11				None Detected
	04-12				None Detected

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
1015 Augusta Avenue
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
05	05-13	White heat shield	4	Damaged	50% Chrysotile
	05-14				Not Analyzed
	05-15				Not Analyzed
06	06-16	White drywall with joint compound and texture	Throughout	Damaged	Wallboard – None Detected Joint Compound – 2% Chrysotile Texture – 2% Chrysotile Composite – <1% Chrysotile
	06-17				Wallboard – None Detected Joint Compound – Not Analyzed Texture – Not Analyzed Composite – <1% Chrysotile
	06-18				Wallboard – None Detected Joint Compound – Not Analyzed Texture – Not Analyzed Composite – <1% Chrysotile
07	07-19	White HVAC tape with tan mastic	Throughout plenum	Good	Tape – None Detected Mastic – None Detected
	07-20				Tape – None Detected Mastic – None Detected
	07-21				Tape – None Detected Mastic – None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929880

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 2516 12th - BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/11/2019 9:20 AM

Analysis Date: 10/14/2019 - 10/17/2019

Collected Date: 10/10/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01-Sheet Flooring <small>041929880-0001</small>	2516 - 12th - Beige Sheet Flooring	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-01-Backing <small>041929880-0001A</small>	2516 - 12th - Fiber Backing	Gray Fibrous Homogeneous		75% Non-fibrous (Other)	25% Chrysotile
01-02-Sheet Flooring <small>041929880-0002</small>	2516 - 12th - Beige Sheet Flooring	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-02-Backing <small>041929880-0002A</small>	2516 - 12th - Fiber Backing				Positive Stop (Not Analyzed)
01-03-Sheet Flooring <small>041929880-0003</small>	2516 - 12th - Beige Sheet Flooring	Black/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-03-Backing <small>041929880-0003A</small>	2516 - 12th - Fiber Backing				Positive Stop (Not Analyzed)
02-04 <small>041929880-0004</small>	2516 - 12th - White Wallboard	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-05 <small>041929880-0005</small>	2516 - 12th - White Wallboard	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-06 <small>041929880-0006</small>	2516 - 12th - White Wallboard	Gray/White Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
03-07-Floor Tile <small>041929880-0007</small>	2516 - 12th - 12" x 12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-07-Mastic <small>041929880-0007A</small>	2516 - 12th - Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-08-Floor Tile <small>041929880-0008</small>	2516 - 12th - 12" x 12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-08-Mastic <small>041929880-0008A</small>	2516 - 12th - Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-09-Floor Tile <small>041929880-0009</small>	2516 - 12th - 12" x 12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-09-Mastic <small>041929880-0009A</small>	2516 - 12th - Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04-10-Roof Shingle <small>041929880-0010</small>	2516 - 12th - Black Roof Shingle	Black Fibrous Homogeneous	25% Glass	75% Non-fibrous (Other)	None Detected

Initial report from: 10/17/2019 11:36:17



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order: 041929880
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
04-10-Felt Paper <i>041929880-0010A</i>	2516 - 12th - Felt Paper	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
04-11-Roof Shingle <i>041929880-0011</i>	2516 - 12th - Black Roof Shingle	Black Fibrous Homogeneous	25% Glass	75% Non-fibrous (Other)	None Detected
04-11-Felt Paper <i>041929880-0011A</i>	2516 - 12th - Felt Paper	Black Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
04-12-Roof Shingle <i>041929880-0012</i>	2516 - 12th - Black Roof Shingle	Black Fibrous Homogeneous	25% Glass	75% Non-fibrous (Other)	None Detected
04-12-Felt Paper <i>041929880-0012A</i>	2516 - 12th - Felt Paper	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected

Analyst(s) _____

Andrew Burke (6)

Marvalyn Sandling (13)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 10/17/2019 11:36:17



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041929880

EMSL Analytical, Inc.
200 Route 130 North

RECEIVED
Cinframpton, NJ 08077
PHONE: 1-800-220-9675
2019-06-17 (856) 786-5974
AM 9:28

Company : Terracon		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 524 Elmwood Park Boulevard Suite 170		Third Party Billing requires written authorization from third party	
City: New Orleans	State/Province: LA	Zip/Postal Code: 70123	Country: US
Report To (Name): Steven Latiolais		Telephone #: 504-818-3638	
Email Address: steven.latiolais@terracon.com		Fax #:	Purchase Order:
Project Name/Number: 2511e Rth / BB197056		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: LA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PLM - Bulk (reporting limit)	TEM - Bulk
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1
<input type="checkbox"/> PLM EPA NOB (<1%)	<input type="checkbox"/> NY ELAP Method 198.4 (TEM)
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> Chatfield Protocol (semi-quantitative)
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2
<input type="checkbox"/> NIOSH 9002 (<1%)	<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)	<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)	Other
<input type="checkbox"/> OSHA ID-191 Modified	<input type="checkbox"/>
<input type="checkbox"/> Standard Addition Method	

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: 10/10/19

Samplers Name: Steven Latiolais Samplers Signature: SL

Sample #	HA #	Sample Location	Material Description
		Please See Attached.	

Client Sample # (s):	Total # of Samples:
Relinquished (Client): <i>SL to FedEx</i> Date: 10/10/19 Time: 1700	
Received (Lab): <i>SL</i> Date: 10-11-19 Time: 9:20	
Comments/Special Instructions: Bill To: Terracon, 524 Elmwood Park Boulevard, Suite 170, New Orleans, LA, 70123, US Attention: Steven Latiolais Phone: 504-818-3638 Email: Steven.Latiolais@terracon.com Purchase Order:	

120

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	2516-12th ↓	Beige Street Flooring			
01-02		w/ fiber Backing			G D SD
01-03					
02-04		White Wall board			
02-05					
02-06					
03-07		12" x 12" Floor Tile w/ Black			
03-08		Mastic			
03-09					
04-10		Black Roof Shingles			
04-11		w/ Felt Paper			
04-12					
					G D SD
					G D SD
					G D SD

OrderID: 041929880

Page 2 of 2

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: Beige Sheet Flooring with
Fiber Backing



View of HA-02: White Wallboard

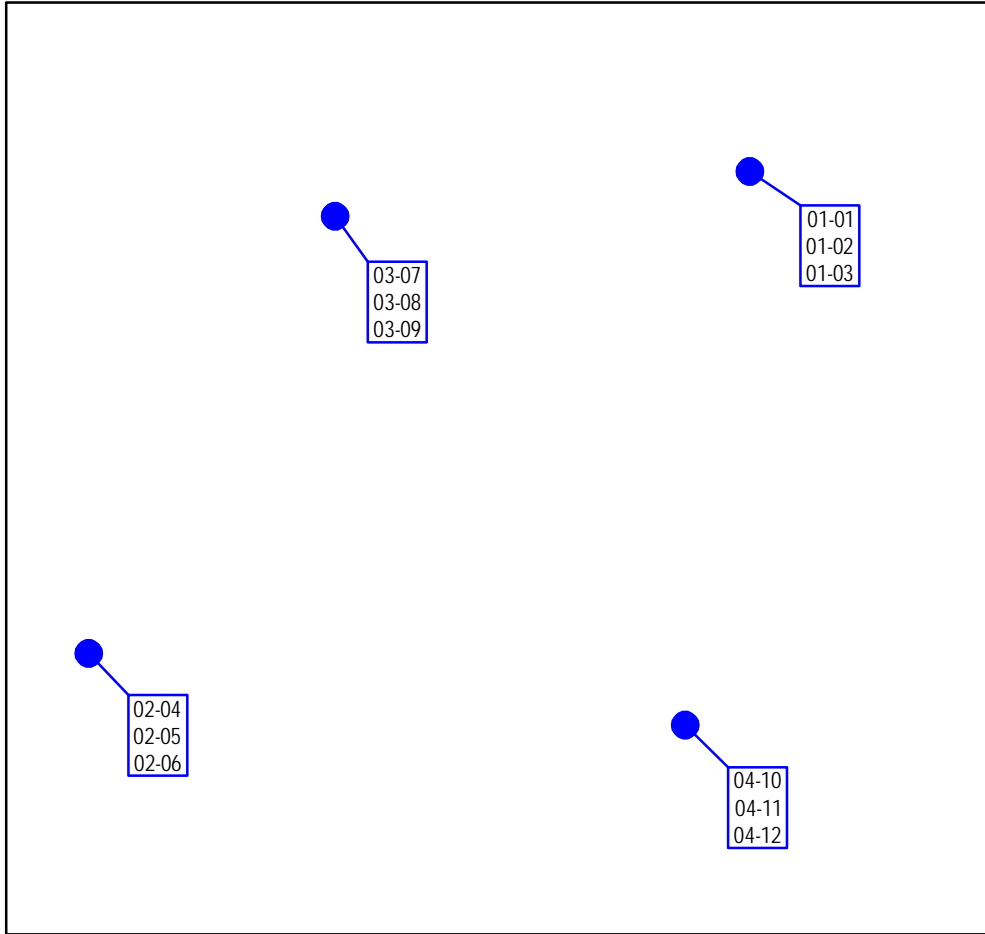


View of HA-03: 12"x12" Floor Tile with
Black Mastic



HA-04: Black Roof Shingles with Felt
Paper

APPENDIX D
EXHIBITS



12TH ST.

LEGEND

● ASBESTOS BULK
SAMPLE LOCATIONS

Project Mngr: SML	Project No. BB197056	 Consulting Engineers and Scientists	2516 12TH ST. - BULK SAMPLE LOCATIONS		EXHIBIT
Drawn By: AMM	Scale: NOT TO SCALE		LIMITED ASBESTOS SURVEY		
Checked By: SML	File No. SAMPLELOC.dwg		CITY OF ALEXANDRIA - 2516 12TH ST. - CS12061		
Approved By: ZLD	Date: OCTOBER 2019		2516 12TH STREET		
			ALEXANDRIA, LOUISIANA		1

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

**Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division**

Issued Date: 21 June 2019
Effective Date: July 1, 2019
Expiration Date: June 30, 2020
Certificate Number: 04127



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

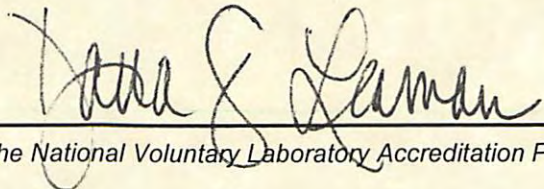
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b).

- Emergency Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. Explanation to justify your emergency request must be provided (see Section XIV).
- Revision ADVF #s to be revised _____
- Cancellation ADVF #s to be canceled _____

I. Type of Notification (check only one box)

Original Disposal Only Additional Latest ADVF# Issued _____

Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).

II. Type of Operation (check only one box)

Reno & Demo (ACM or RACM removal & subsequent demo) Renovation ACDA

RACM Demo (entire structure treated as RACM) Response Action (schools, state, public or commercial bldgs.)

Is structure being demolished under order of a state or local government agency? No Yes (Complete Sec. XIII)

III. Facility Description

<p>Facility Name <u>Residential Structure</u></p> <p>Physical Address <u>2516 12th Street</u></p> <p>City <u>Alexandria</u> State <u>LA</u> Zip <u>71302</u></p> <p>Parish <u>Rapides</u></p> <p>Owner Name _____</p> <p>Contact Name _____</p> <p>Mailing Address _____</p> <p>City _____ State _____ Zip _____</p> <p>Contact Phone () _____</p> <p>Contact Email _____</p>	<p>Project Designer Info (schools, state, public or commercial buildings)</p> <p>Name _____</p> <p>LA Accred. No. _____</p> <p>Building Size (sq. ft.) <u>1000</u></p> <p>No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u></p> <p>Location on site (Bldg, Floor, Room, etc.) where work is done <u>Building will be razed.</u></p> <hr/> <p>Present Use</p> <p><input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial</p> <p><input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation</p> <p><input checked="" type="checkbox"/> Other <u>Blighted structure.</u></p> <hr/> <p>Prior Use</p> <p><input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial</p> <p><input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation</p> <p><input type="checkbox"/> Other _____</p>
--	--

IV. Determination of Asbestos Present Known or Assumed Asbestos Present (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ

Inspector's Accred. No. MI200658 Lab Accred. No. LELAP 04127 (AI#131900)

Inspection Date 10/10/2019 (mm/dd/yy) Analysis Date 10/17/2019 (mm/dd/yy)

Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

Attach the following copies: • Signature page of inspection report for inspection date indicated (above)
 • Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input checked="" type="checkbox"/> Other <u>Sheet Flooring Fiber Backing</u>	<input type="checkbox"/> VAT <input type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____
Amount of Asbestos Material	_____ Linear Feet <u>1000</u> Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard *ACD = Asbestos-contaminated Debris	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name[†] _____ On-site Supervisor's Name _____

LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____

Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)

City _____ State _____ Zip _____ Contact Name _____

Phone () _____ †A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____

Mailing Address _____ Contact Email _____

City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____

LDEQ SW Transporter No. T- _____ Contact Email _____

Mailing Address _____ Contact Phone () _____

City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

Physical Location of Non-processing Transfer Station _____

SW Transporter Name _____

LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____

Mailing Address _____ Contact Name _____

City _____ State _____ Zip _____ Contact Email _____

Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____

Physical Address _____ Contact Phone () _____

City _____ State _____ Zip _____ Mailing Address _____

City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency **City of Alexandria, LA**
Representative Name **Kenna Lavalais** Government Agency **Community Development Department**

Representative's Title **Demolition Program Manager**

Date Issued **March 7, 2017** (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). **City Resolution # 9633-2017**

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each	For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each	For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1). No vouchers will be accepted for emergencies.
NO FEE	For revisions or cancellations.

Submittal Information

- For Emergencies - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- For Non-emergencies - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9633-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 142 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 142 structures.

Removal-demolition by owner

BE FURTHER RESOLVED, etc., that on recommendation of the Community Development Administrator the following structures because of actions by owners who have hired State Licensed Contractors, secured permits & have completed works or secured permits are removed from this condemnation list

- 1) 4321 3rd Street – Kirklin Construction, demolition complete
- 2) 1947 Overton Street - Lathan Construction, demolition complete
- 3) 1953 Overton Street - Lathan Construction, demolition complete
- 4) 1957 Overton Street - Lathan Construction, demolition complete
- 5) 1963 Overton Street - Lathan Construction, demolition complete

Removed – incorrect address

- 6) 5211 Lincoln Road – incorrect address submitted in original list.

Continuance of Council action to consider Condemnations

The following property owners hired State licensed Contractors to secure permits: (work to be completed by 3/31/2017)

- 1) 2904 3rd Street -Veal Construction, Demo Permit issued.
- 2) 2211 Broadway Avenue - Grant Eastern, Demo Permit issued.
- 3) 1626 Dallas Avenue - Grant Eastern, Demo Permit issued.
- 4) 2924 Lee Street -Alliance Design, working on construction drawings.
- 5) 2307 Memphis Street -Veal Construction, Rehab Permit issued.
- 6) 4012 Morris Street - Lathan Construction, Demo Permit issued,

BY
 CLERK & RECORDER
 RAPIDES PARISH, LA
 17 MAR 14 PM 1:55
 FILED & RECORDED
 ROBYN L. HOOTER
 RECORDER
 1597800

765-
 14-

- 7) 341 North 17th Street - Lathan Construction, Demo Permit issued.
- 8) 2806 Overton Street -Tennie Construction, Rehab Permit issued.
- 9) 1506 Park Avenue - Larwood Construction, Rehab Permit issued.
- 10) 2518 Wise Street -Tennie Construction, Rehab Permit issued.

30 days extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **April 18, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1720 Albert Street	Patrick LaCour
1758 Albert Street	Wasmer Properties, LLC
2024 Harris Street	Tameisha & Melvin Sigur
2302 Lee Street	Tameisha & Melvin Sigur
2243 Overton Street	Tameisha & Melvin Sigur
1512 Shirland Avenue	Felicia Dausat
3933 Clinton Street	Oscar & Dorothy Jones

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on April 18, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

60 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **May 16, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repaired and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
2129 3 rd Street	Newton Collier
1430 5 th Street	Bernadette S. Baker
2524 8 th Street	Marie C. Allen
312 Bogan Street	C E S R LLC, Clarence Spottsville
118 Cottage Street	Kenneth Wayne Joseph
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
1779 Mason Street	Stanford Joseph
2530 Memphis, Unit A & B	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
417 Newman Street	Mark Fairley, ET AL
3022 Houston Street	Deborrah Phoenix Jones
2742 10 th Street	Thoma Cherneva

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on May 16, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

90 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **June 13, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue (Larvadain abstained)	David A. Sheffield
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 13, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on March 7, 2017, the facts justifying Condemnation of the structures and improvements for the following properties, the law and evidence being in favor of Condemnation of the property it is Ordered the following properties are each **condemned** and shall be demolished and removed by the City or its agents within Sixty(60) days of this Order or otherwise within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
2424 3 rd Street	Page Livingston
3617 4 th street	Bakies Properties, LLC
3621 4 th street	Jerry Pearson
3108 9 th street	Alpha Capital/BMO Harris
3112 9 th street	Alice Hammond
3110 9 th Street	Frank R. Bordelon
3723 11 th street	Agnes Wallace
2447 Alma Street	Jerry Johnson
4110 Balentine Street	Colonial Financial Service Inc
99B Bertie Street	Walter Reynolds

1326 Charlton Street	Elsie H. Ryland
3925 Clinton Street	Henry Joffrion
1117 Cole Street	Leontina Dauzat
1119 Cole Street	Leontina Dauzat
2027 East Texas Avenue	Midwest Management
56 Eastwood Boulevard	Tri Brewer
1204 Fenner Street	Don Thompson
4517 Futrell Street	Willie M. Pickens
405 Gabriel Lane	Shirley Johnson
3008 Houston Street	Willie Wilson
3149 Houston Street	Savannah Webber
3305 Hudson Boulevard	Delwin Eldridge
3331 Hudson Boulevard	Rodney Taylor
311 John Thomas Street	Thomas Farace
5503 Jube Street	Michael Tennie
3520 Laurel Street	Donald Medica
717 Leland Street	Henry Weekly
4206 Lincoln Road	Lillian Davis
2533 Main Street	Washington Bush
116 Mary Lane	Bakies Properties, LLC
314 Marye Court	Kylie R. Larwood
2008 Mason Street	McErvin Howard, Sr. EST
2219 Mill Street	Dominic Robinson
208 1/2 North 13 th Street	Jerry Larwood
2803 Overton Street	Jerry & Rhonda Hughes

2426 Paris Street	Midwest Management US Bank
3404 Raymo Drive	Betty Givens & Charlie Johnson
342 Rosewood Drive	Randy L. Michiels
1530 Turner Street	James Price
2515 Wise Street	Curtisteen Matthews
524 Woodard Street	Alice Hammond
2401 3 rd Unit A Street	Nick Chenvert
2401 3 rd Unit B Street	Nick Chenvert
2603 3 rd Street	Annie Mae King
3120 3 rd street	Alice Hammond
2908 4 th Street	Harry Jackson
2634 6 th Street	Jessie Aaron
2641 8 th Street	Luster R. Smith
2516 12 th Street	Bessie Burrell
2544 12 th Street	Leon Rose
1015 Augusta Avenue	Leonard Johnson
97 Bertie Street	Walter Reynolds
3208 Bloch Street	Clifton Morris
5230 Broadmoor Court	Ray Rolan Chandler
832 Broadway Avenue	Elks Hub City Lodge #646
5211 Crestwood Drive	Clyde G. & Francine Wilson
1030 Dallas Avenue	Ora Butler
319 Daspit Street	Ralph & Emma McCoy
628 Douglas Street	Cole Rosa Lee Brooks
5137 Edward Avenue	Linda Smith Scott

1321 Fenner Street	Bessie Morris
3611 Hollywood Drive	Ivory Grant
2828 Houston Street	Jacquelin Freeman
3201 Hudson Boulevard	Rex H. Countee
1510 Huffman Street	Lucy B. Russaw
1512 Huffman Street	Virginia Harvey
821 John Thomas	Lucille Green
2145 Lee Street	Pharrow Perkins
604 Leonard Street	Rosa M. McCoy
1904 Levin Street	Russell J. Walker
1912 Levin Street	Louis H. Taylor/Frankie Mae Hall
2636 Main Street	Carrie C. Small
2716 Main Street	Lucille Taffaro
316 Marye Court	The Money Shack, LLC
2054 Mason Street	Herman Davis Burrell
2095 Mason Street	Rosemary Dauzart
209 North 15 th Street	Jerry Larwood
2040 Overton Street	Mary Cataldie
2069 Overton Street	Thomas J. Atkins
2213 Overton Street	Gertrude Quinney
2217 Overton Street	Bessie M. Vallery
2332 Overton Street	Joyce R.F. Sandifer
2437 Overton Street	Everett Hobbs
2441 Overton Street	Sir Welton Hobbs
2608 Overton Street	Harry C. Robinson

2720 Overton Street
2430 Paris Street
921 Railroad Avenue
504 Scallan Street
1203 Willow Glen River Road
2327 Wise Street (Larvadain abstained)
2704 Wise Street
730 Woodard Street

James P. Clinton
Joseph Wardsworth
Joyce Ann Clinton-Naquin
Lula Mae Booze
Mississippi Land Co., Inc.
Benjamin Bayone
Henry George
Willie Whittington

BE IT FURTHER RESOLVED, etc., that the Order of Condemnation is final for the Properties and parcels listed above and shall be enforceable in accordance with the laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 7th day of March, 2017.

/s/ Donna Jones

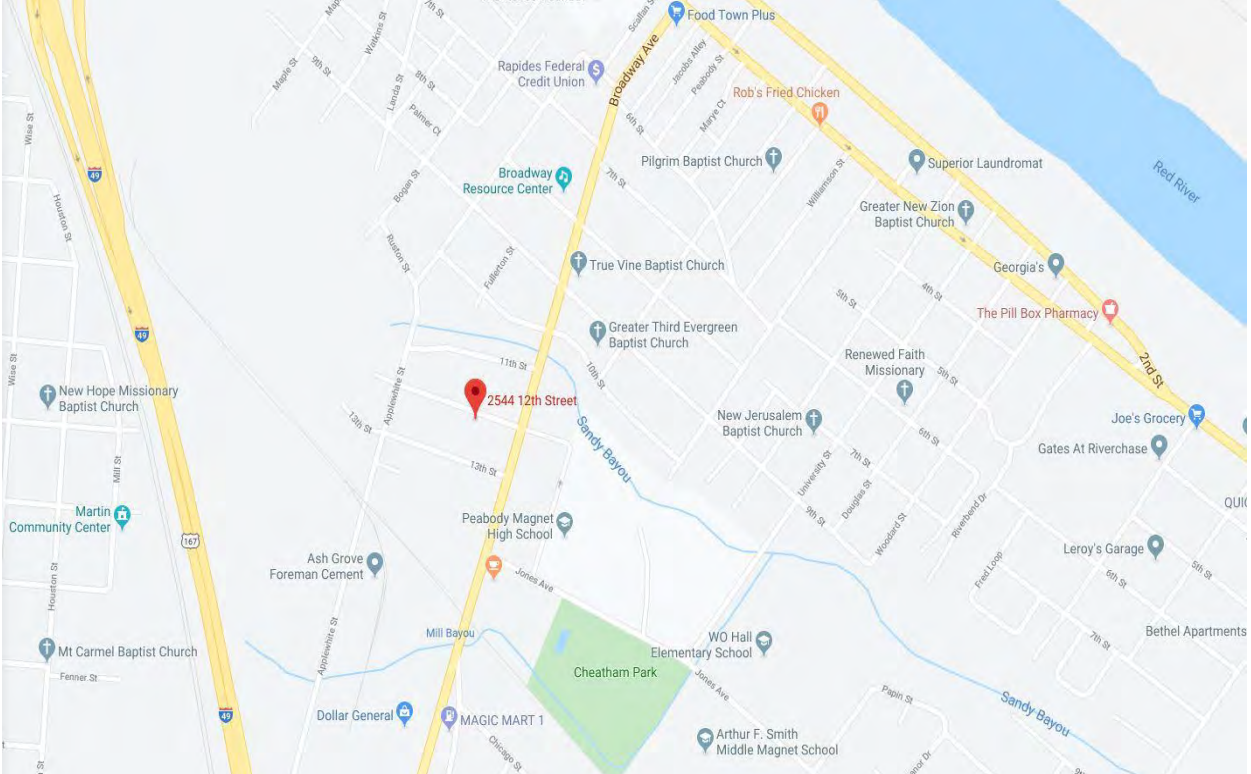
City Clerk

STATE OF LOUISIANA, PARISH OF RAPIDES
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND CORRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF
OFFICE, AT ALEXANDRIA, LOUISIANA, THIS 15
DAY OF March, A.D., 2017
BY Robin Hoover
DY. CLERK OF COURT

CD-12548
2544 12th Street



31°17'44.3"N 92°26'15.5"W



Asbestos Survey Report

Residential Structure (CD12548)
2544 12th Street
Alexandria, Louisiana

November 7, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials

November 7, 2019



City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12548)
2544 12th Street
Alexandria, Louisiana
Terracon Project No. BB197056

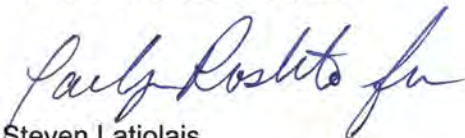
Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 9, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.


Steven Latiolais
Staff Industrial Hygienist


Zack L. Dial
Senior Engineer

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5.0	FINDINGS AND RECOMMENDATIONS.....	5
6.0	GENERAL COMMENTS	6

APPENDIX A	Asbestos Survey Sample Summary Tables
APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12548)
2544 12th Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 7, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 9, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,700 square-foot, single-story, pier-and-beam structure with a wood frame. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood and vinyl composite tiles (VCT), and walls and ceilings consisted of wood and/or drywall system wallboard.

Asbestos Survey Report

2544 12th Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

2544 12th Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



Eighteen (18) samples were collected from six (6) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

2544 12th Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

2544 12th Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Regulated Asbestos Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

Laboratory analysis confirmed the following asbestos-containing friable materials:

- Significantly damaged white 12"x12" floor tile with black mastic
- White wall texture
- Gray Window Glazing

As the results of this survey indicated the structure contains RACM, all section of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. Upon proper notification, the LDEQ will issue an ADVF to provide approval to begin activities and to ensure that the ACM is removed and disposed of properly. The AAC-2a form must be on site during all RACM removal activities.

5.2 Special Conditions

Asbestos was identified in concentrations greater than 1% in joint compound associated with drywall ceiling systems within the subject structure (Samples 01-01, 01-02, and 01-03). However, the composite PLM sample analysis of the drywall and joint compound was less than 1%; therefore, the drywall and joint compound system is not considered ACM per NESHAP. However, the OSHA Asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos regardless of concentration. 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 disturbance of this material has the potential to result in the release of airborne asbestos fibers.

Although the asbestos content in the gray window glazing was identify with less than 1% chrysotile, however it was not verified via 400 point count, so it would be considered ACM.

Asbestos Survey Report

2544 12th Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
CONFIRMED ASBESTOS CONTAINING MATERIALS
2544 12th Street
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
01	Wall Texture	Throughout	RACM	Significantly Damaged	Yes	Texture – 2% Chrysotile	1,200 SF
03	White 12"x12" Floor Tile with Black Mastic	5	RACM	Significantly Damaged	No	Floor Tile – 3% Chrysotile Mastic – 4% Chrysotile	150 SF
05	Gray Window Glazing	Exterior Facing Windows	RACM	Significantly Damaged	Yes	<1% Chrysotile	12 Windows

CAT I NF = Category I Non-Friable ACM
CAT II NF = Category II Non-Friable ACM
RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
2544 12th Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	White Wallboard with Joint Compound and Texture	Throughout	Significantly Damaged	Wallboard – None Detected Joint Compound – 2% Chrysotile Texture – 2% Chrysotile Composite – <1% Chrysotile
	01-02				Wallboard – None Detected Joint Compound – Not Analyzed Texture – Not Analyzed Composite – <1% Chrysotile
	01-03				Wallboard – None Detected Joint Compound – Not Analyzed Texture – Not Analyzed Composite – <1% Chrysotile
02	02-04	White 12"x12" Ceiling Tile	5 and 7	Significantly Damaged	None Detected
	02-05				None Detected
	02-06				None Detected
03	03-07	White 12"x12" Floor Tile with Black Mastic	5	Significantly Damaged	Floor Tile – 3% Chrysotile Mastic – 4% Chrysotile
	03-08				Floor Tile – Not Analyzed Mastic – Not Analyzed
	03-09				Floor Tile – Not Analyzed Mastic – Not Analyzed
04	04-10	Black Tar Shingle Siding	Exterior Facing Walls and Interior Walls of 5 and 6	Damaged	None Detected
	04-11				None Detected
	04-12				None Detected
05	05-13	Gray Window Glazing	Exterior Facing Windows	Significantly Damaged	<1% Chrysotile
	05-14				<1% Chrysotile
	05-15				<1% Chrysotile
06	06-16	Black Roof Shingles	Roof	Damaged	None Detected
	06-17				None Detected
	06-18				None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929734

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 2544 12th - BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/10/2019 9:10 AM

Analysis Date: 10/11/2019 - 10/16/2019

Collected Date: 10/09/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01-Wallboard <small>041929734-0001</small>	2544 12th St. - 3 - White Wallboard	Tan/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
01-01-Joint Compound <small>041929734-0001A</small>	2544 12th St. - 3 - Joint Compound	White Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
01-01-Texture <small>041929734-0001B</small>	2544 12th St. - 3 - Texture	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
01-02-Wallboard <small>041929734-0002</small>	2544 12th St. - 1 - White Wallboard	Tan/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
01-02-Joint Compound <small>041929734-0002A</small>	2544 12th St. - 1 - Joint Compound				Positive Stop (Not Analyzed)
01-02-Texture <small>041929734-0002B</small>	2544 12th St. - 1 - Texture				Positive Stop (Not Analyzed)
01-03-Wallboard <small>041929734-0003</small>	2544 12th St. - 5 - White Wallboard	Tan/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
01-03-Joint Compound <small>041929734-0003A</small>	2544 12th St. - 5 - Joint Compound				Positive Stop (Not Analyzed)
01-03-Texture <small>041929734-0003B</small>	2544 12th St. - 5 - Texture				Positive Stop (Not Analyzed)
02-04 <small>041929734-0004</small>	2544 12th St. - 5 - White 12" x 12" Ceiling Tile	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
02-05 <small>041929734-0005</small>	2544 12th St. - 7 - White 12" x 12" Ceiling Tile	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
02-06 <small>041929734-0006</small>	2544 12th St. - 7 - White 12" x 12" Ceiling Tile	Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
03-07-Floor Tile <small>041929734-0007</small>	2544 12th St. - 5 - White 12" x 12" Floor Tile	Tan/White Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
03-07-Mastic <small>041929734-0007A</small>	2544 12th St. - 5 - Black Mastic	Black Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
03-08-Floor Tile <small>041929734-0008</small>	2544 12th St. - 5 - White 12" x 12" Floor Tile				Positive Stop (Not Analyzed)
03-08-Mastic <small>041929734-0008A</small>	2544 12th St. - 5 - Black Mastic				Positive Stop (Not Analyzed)

Initial report from: 10/16/2019 15:13:59



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929734
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
03-09-Floor Tile <small>041929734-0009</small>	2544 12th St. - 5 - White 12" x 12" Floor Tile				Positive Stop (Not Analyzed)
03-09-Mastic <small>041929734-0009A</small>	2544 12th St. - 5 - Black Mastic				Positive Stop (Not Analyzed)
04-10 <small>041929734-0010</small>	2544 12th St. - 5 - Black Tar Shingle Siding	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
04-11 <small>041929734-0011</small>	2544 12th St. - Ext - Black Tar Shingle Siding	Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
04-12 <small>041929734-0012</small>	2544 12th St. - Ext - Black Tar Shingle Siding	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
05-13 <small>041929734-0013</small>	2544 12th St. - Ext - Gray Window Glazing	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
05-14 <small>041929734-0014</small>	2544 12th St. - Ext - Gray Window Glazing	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
05-15 <small>041929734-0015</small>	2544 12th St. - Ext - Gray Window Glazing	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
06-16 <small>041929734-0016</small>	2544 12th St. - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
06-17 <small>041929734-0017</small>	2544 12th St. - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
06-18 <small>041929734-0018</small>	2544 12th St. - Roof - Black Roof Shingles	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected

Analyst(s)

Amy Johnson (5)

Sarah Kleinbrahm (14)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 10/16/2019 15:13:59

2544 12th

04 1029 734

Lab Use Only:

Select a Laboratory:

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location:

Page of

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	2544 12th St.-3	White Wall board w/ Joint Compound w/ Texture	Throughout	200 SF	G D SD
01-02	-1				
01-03	-5				
02-04	-5	White 12"x12" Ceiling Tile	S+7	200 SF	G D SD
02-05	-7				
02-06	-7				
03-07	-5	White 12"x12" Floor Tile	S	150 SF	G D SD
03-08	-J	w/ Black Mastic			
03-09	-J				
04-10	-5	Black Tar Shingle Siding	Exterior	1600 SF	G D SD
04-11	-Ext		& Inside S+6		
04-12	-Ext				
05-13	-Ext	Gray Window Glazing	Windows	12	G D SD
05-14	-J				
05-15	-J				
06-16	-Roof	Black Roof Shingles	Roof	150 SF	G D SD
06-17	-J				
06-18	-J				
					G D SD

RECEIVED
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 CHINA MARI...
 RECEIVED

(Handwritten signature)

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: White Wallboard with Joint Compound with Texture



View of HA-02: White 12"x12" Ceiling Tile



View of HA-03: White 12"x12" Floor Tile with Black Mastic

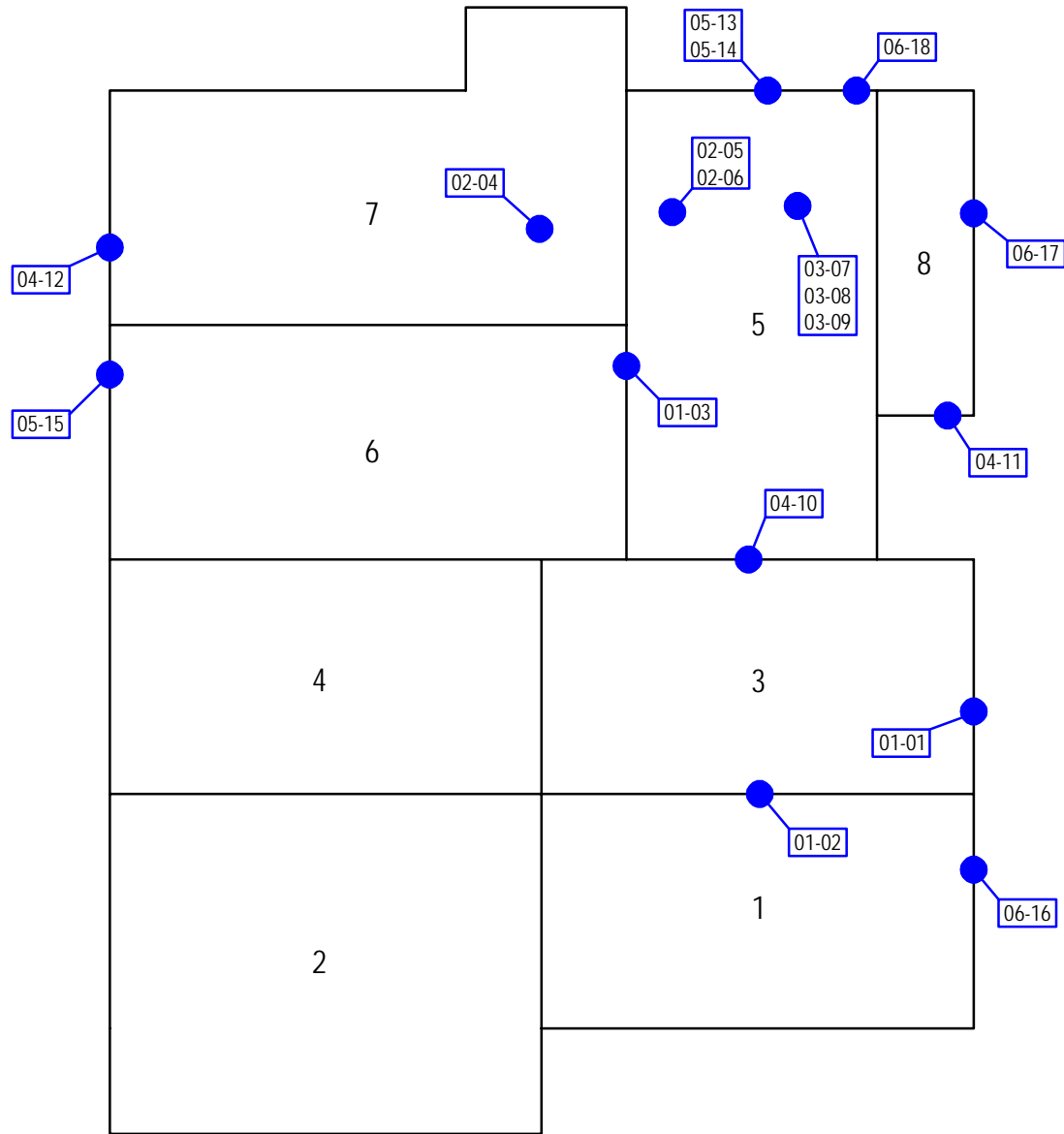


View of HA-04: Black Tar Shingle Siding



View of HA-05: Gray Window Glazing

APPENDIX D
EXHIBITS



12TH ST.

LEGEND

● ASBESTOS BULK
SAMPLE LOCATIONS

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr:	SML
Drawn By:	AMM
Checked By:	SML
Approved By:	ZLD

Project No.	BB197056
Scale:	NOT TO SCALE
File No.	SAMPLELOC.dwg
Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists
524 ELMWOOD PARK BLVD NEW ORLEANS, LA 70123
(504) 818-3638 (504) 818-3890

2544 12TH ST. - BULK SAMPLE LOCATIONS
LIMITED ASBESTOS SURVEY
CITY OF ALEXANDRIA - 2544 12TH ST. - CD12548
2544 12TH STREET
ALEXANDRIA, LOUISIANA

EXHIBIT
1

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

**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.**

Paul Bergeron

**Permit Support Services Division
Office of Environmental Services**



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

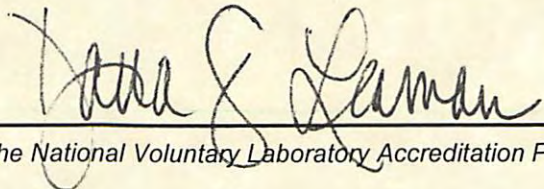
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b).

- Emergency Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. Explanation to justify your emergency request must be provided (see Section XIV).
- Revision ADVF #s to be revised _____
- Cancellation ADVF #s to be canceled _____

I. Type of Notification (check only one box)

Original Disposal Only Additional Latest ADVF# Issued _____

Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).

II. Type of Operation (check only one box)

Reno & Demo (ACM or RACM removal & subsequent demo) Renovation ACDA

RACM Demo (entire structure treated as RACM) Response Action (schools, state, public or commercial bldgs.)

Is structure being demolished under order of a state or local government agency? No Yes (Complete Sec. XIII)

III. Facility Description

Facility Name <u>Residential Structure</u> Physical Address <u>2544 12th Street</u> City <u>Alexandria</u> State <u>LA</u> Zip <u>71302</u> Parish <u>Rapides</u> Owner Name _____ Contact Name _____ Mailing Address _____ City _____ State _____ Zip _____ Contact Phone () _____ Contact Email _____	Project Designer Info (schools, state, public or commercial buildings) Name _____ LA Accred. No. _____ Building Size (sq. ft.) <u>1700</u> No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u> Location on site (Bldg, Floor, Room, etc.) where work is done <u>Building will be razed.</u>
---	---

Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input checked="" type="checkbox"/> Other <u>Blighted structure.</u>	Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input type="checkbox"/> Other _____
--	---

IV. Determination of Asbestos Present Known or Assumed Asbestos Present (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ

Inspector's Accred. No. MI200658 Lab Accred. No. LELAP 04127 (AI#131900)

Inspection Date 10/09/2019 (mm/dd/yy) Analysis Date 10/16/2019 (mm/dd/yy)

Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

Attach the following copies:
 • Signature page of inspection report for inspection date indicated (above)
 • Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input checked="" type="checkbox"/> Other <u>Wall Texture & Window Glazing</u>	<input checked="" type="checkbox"/> VAT <input type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Mastic <input checked="" type="checkbox"/> Other _____
Amount of Asbestos Material	_____ Linear Feet <u>1300</u> Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard *ACD = Asbestos-contaminated Debris	_____ Linear Feet <u>150</u> Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name[†] _____ On-site Supervisor's Name _____
 LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____
 Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)
 City _____ State _____ Zip _____ Contact Name _____
 Phone () _____ †A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____
 Mailing Address _____ Contact Email _____
 City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____

LDEQ SW Transporter No. T- _____ Contact Email _____

Mailing Address _____ Contact Phone () _____

City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

Physical Location of Non-processing Transfer Station _____

SW Transporter Name _____

LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____

Mailing Address _____ Contact Name _____

City _____ State _____ Zip _____ Contact Email _____

Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____

Physical Address _____ Contact Phone () _____

City _____ State _____ Zip _____ Mailing Address _____

City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency **City of Alexandria, LA**
Representative Name **Kenna Lavalais** Government Agency **Community Development Department**

Representative's Title **Demolition Program Manager**

Date Issued **March 7, 2017** (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). **City Resolution 9633-2017**

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each	For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each	For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1). No vouchers will be accepted for emergencies.
NO FEE	For revisions or cancellations.

Submittal Information

- For Emergencies - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- For Non-emergencies - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

CD-12547
1015 Augusta Avenue



31°17'20.7"N 92°25'35.9"W



Asbestos Survey Report

Residential Structure (CD12547)
1015 Augusta Avenue
Alexandria, Louisiana

November 5, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials

November 5, 2019



City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12547)
1015 Augusta Avenue
Alexandria, Louisiana
Terracon Project No. BB197056

Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 9, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.

A handwritten signature in blue ink, appearing to read "Steven Latiolais", is written over the typed name.

Steven Latiolais
Staff Industrial Hygienist

A handwritten signature in blue ink, appearing to read "Zack L. Dial", is written over the typed name.

Zack L. Dial
Senior Engineer

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6.0	GENERAL COMMENTS.....	5

APPENDIX A	Asbestos Survey Sample Summary Tables
APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12547)
1015 Augusta Avenue
Alexandria, Louisiana
Terracon Project No. BB197056
November 5, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 9, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,000 square-foot, single-story, slab-on-grade structure with a wood frame. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood and vinyl composite tiles (VCT), and walls and ceilings consisted of wood and/or drywall system wallboard.

Asbestos Survey Report

1015 Augusta Avenue ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

1015 Augusta Avenue ■ Alexandria, Louisiana

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Twenty-one (21) samples were collected from seven (7) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

1015 Augusta Avenue ■ Alexandria, Louisiana
November 5, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

1015 Augusta Avenue ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Regulated Asbestos Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

Laboratory analysis confirmed the following asbestos-containing friable materials:

- Significantly damaged brown 9"x9" floor tile with black mastic
- Significantly damaged beige 12"x12" floor tile with black mastic
- White heat shield
- White wall texture

As the results of this survey indicated the structure contains RACM, all section of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. Upon proper notification, the LDEQ will issue an ADVF to provide approval to begin activities and to ensure that the ACM is removed and disposed of properly. The AAC-2a form must be on site during all RACM removal activities.

5.2 Special Conditions

Asbestos was identified in concentrations greater than 1% in joint compound associated with drywall ceiling systems within the subject structure (Samples 06-16, 06-17, 06-18). However, the composite PLM sample analysis of the drywall and joint compound was less than 1%; therefore, the drywall and joint compound system is not considered ACM per NESHAP. However, the OSHA Asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos regardless of concentration. 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 disturbance of this material has the potential to result in the release of airborne asbestos fibers.

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

Asbestos Survey Report

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November 5, 2019 ■ Terracon Project No. BB197056



survey be uncovered during the demolition process, those materials should be assumed asbestos-containing until sampling and analysis can prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
CONFIRMED ASBESTOS CONTAINING MATERIALS
1015 Augusta Avenue
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
03	Brown 9"x9" floor tile with black mastic	Throughout	RACM	Significantly Damaged	No	Tile – 2% Chrysotile Mastic – 4% Chrysotile	1,000 SF
04	Beige 12"x12" floor tile with black mastic	4	RACM	Significantly Damaged	No	Tile – 2% Chrysotile Mastic – 5% Chrysotile	50 SF
05	White heat shield	4	RACM	Damaged	Yes	50% Chrysotile	1.5 SF
06	Wall texture	Throughout	RACM	Damaged	Yes	Texture – 2% Chrysotile	800 SF

CAT I NF = Category I Non-Friable ACM

RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
1015 Augusta Avenue
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	Brown roof shingles and felt paper	Roof	Damaged	Shingle – None Detected Felt – None Detected
	01-02				Shingle – None Detected Felt – None Detected
	01-03				Shingle – None Detected Felt – None Detected
02	02-04	Black vapor barrier	Behind brick on exterior facing walls	Damaged	None Detected
	02-05				None Detected
	02-06				None Detected
03	03-07	Brown 9"x9" floor tile with black mastic	1, 2, 3, 5, 6	Significantly Damaged	Tile – 2% Chrysotile Mastic – 4% Chrysotile
	03-08				Tile – Not Analyzed Mastic – Not Analyzed
	03-09				Tile – Not Analyzed Mastic – Not Analyzed
04	04-10	Beige 12"x12" floor tile with black mastic	4	Significantly Damaged	Tile – 2% Chrysotile Mastic – 5% Chrysotile
	04-11				Tile – Not Analyzed Mastic – Not Analyzed
	04-12				Tile – Not Analyzed Mastic – Not Analyzed

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
1015 Augusta Avenue
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
05	05-13	White heat shield	4	Damaged	50% Chrysotile
	05-14				Not Analyzed
	05-15				Not Analyzed
06	06-16	White drywall with joint compound and texture	Throughout	Damaged	Wallboard – None Detected Joint Compound – 2% Chrysotile Texture – 2% Chrysotile Composite – <1% Chrysotile
	06-17				Wallboard – None Detected Joint Compound – Not Analyzed Texture – Not Analyzed Composite – <1% Chrysotile
	06-18				Wallboard – None Detected Joint Compound – Not Analyzed Texture – Not Analyzed Composite – <1% Chrysotile
07	07-19	White HVAC tape with tan mastic	Throughout plenum	Good	Tape – None Detected Mastic – None Detected
	07-20				Tape – None Detected Mastic – None Detected
	07-21				Tape – None Detected Mastic – None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929736

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 1015 Augusta / BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/10/2019 9:10 AM

Analysis Date: 10/11/2019 - 10/28/2019

Collected Date:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01-Shingles <small>041929736-0001</small>	1015 Augusta-Roof - Brown Roof Shingles	Brown Non-Fibrous Homogeneous	25% Glass	75% Non-fibrous (Other)	None Detected
01-01-Felt Paper <small>041929736-0001A</small>	1015 Augusta-Roof - Felt Paper	Black Fibrous Homogeneous	75% Cellulose	25% Non-fibrous (Other)	None Detected
01-02-Shingles <small>041929736-0002</small>	1015 Augusta-Roof - Brown Roof Shingles	Brown Non-Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
01-02-Felt Paper <small>041929736-0002A</small>	1015 Augusta-Roof - Felt Paper	Black Fibrous Homogeneous	75% Cellulose	25% Non-fibrous (Other)	None Detected
01-03-Shingles <small>041929736-0003</small>	1015 Augusta-Roof - Brown Roof Shingles	Brown Non-Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
01-03-Felt Paper <small>041929736-0003A</small>	1015 Augusta-Roof - Felt Paper	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
02-04 <small>041929736-0004</small>	1015 Augusta-Est - Black Vapor Barrier	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
02-05 <small>041929736-0005</small>	1015 Augusta-Est - Black Vapor Barrier	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
02-06 <small>041929736-0006</small>	1015 Augusta-Est - Black Vapor Barrier	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
03-07-Floor Tile <small>041929736-0007</small>	1015 Augusta-5 - Brown 9"x9" Floor Tile	Brown Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
03-07-Mastic <small>041929736-0007A</small>	1015 Augusta-5 - Black Mastic	Black Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
03-08-Floor Tile <small>041929736-0008</small>	1015 Augusta-6 - Brown 9"x9" Floor Tile				Positive Stop (Not Analyzed)
03-08-Mastic <small>041929736-0008A</small>	1015 Augusta-6 - Black Mastic				Positive Stop (Not Analyzed)
03-09-Floor Tile <small>041929736-0009</small>	1015 Augusta-2 - Brown 9"x9" Floor Tile				Positive Stop (Not Analyzed)
03-09-Mastic <small>041929736-0009A</small>	1015 Augusta-2 - Black Mastic				Positive Stop (Not Analyzed)
04-10-Floor Tile <small>041929736-0010</small>	1015 Augusta-4 - Beige 12"x12" Floor Tile	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile

Report amended: 10/28/2019 08:55:00 Replaces initial report from: 10/17/2019 11:02:16 Reason Code: Client-Additional Analysis



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order: 041929736
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
04-10-Mastic <small>041929736-0010A</small>	1015 Augusta-4 - Black Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
04-11-Floor Tile <small>041929736-0011</small>	1015 Augusta-4 - Beige 12"x12" Floor Tile				Positive Stop (Not Analyzed)
04-11-Mastic <small>041929736-0011A</small>	1015 Augusta-4 - Black Mastic				Positive Stop (Not Analyzed)
04-12-Floor Tile <small>041929736-0012</small>	1015 Augusta-4 - Beige 12"x12" Floor Tile				Positive Stop (Not Analyzed)
04-12-Mastic <small>041929736-0012A</small>	1015 Augusta-4 - Black Mastic				Positive Stop (Not Analyzed)
05-13 <small>041929736-0013</small>	1015 Augusta-4 - White Heat Shield	White Fibrous Homogeneous	30% Cellulose	20% Non-fibrous (Other)	50% Chrysotile
05-14 <small>041929736-0014</small>	1015 Augusta-4 - White Heat Shield				Positive Stop (Not Analyzed)
05-15 <small>041929736-0015</small>	1015 Augusta-4 - White Heat Shield				Positive Stop (Not Analyzed)
06-16-Drywall <small>041929736-0016</small>	1015 Augusta-5 - White Drywall	White Fibrous Homogeneous	4% Cellulose	96% Non-fibrous (Other)	None Detected
06-16-Joint Compound <small>041929736-0016A</small>	1015 Augusta-5 - Joint Compound	White Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
06-16-Texture <small>041929736-0016B</small>	1015 Augusta-5 - Texture	White/Blue Non-Fibrous Homogeneous	2% Cellulose	96% Non-fibrous (Other)	2% Chrysotile
06-16-Composite <small>041929736-0016C</small>	1015 Augusta-5 - White Drywall / Joint Compound	Brown/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
06-17-Drywall <small>041929736-0017</small>	1015 Augusta-2 - White Drywall	White Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
06-17-Joint Compound <small>041929736-0017A</small>	1015 Augusta-2 - Joint Compound				Positive Stop (Not Analyzed)
06-17-Texture <small>041929736-0017B</small>	1015 Augusta-2 - Texture				Positive Stop (Not Analyzed)
06-17-Composite <small>041929736-0017C</small>	1015 Augusta-2 - White Drywall / Joint Compound	Brown/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
06-18-Drywall <small>041929736-0018</small>	1015 Augusta-7 - White Drywall	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
06-18-Joint Compound <small>041929736-0018A</small>	1015 Augusta-7 - Joint Compound				Positive Stop (Not Analyzed)
06-18-Texture <small>041929736-0018B</small>	1015 Augusta-7 - Texture				Positive Stop (Not Analyzed)

Report amended: 10/28/2019 08:55:00 Replaces initial report from: 10/17/2019 11:02:16 Reason Code: Client-Additional Analysis



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EMSL Order: 041929736
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
06-18-Composite <i>041929736-0018C</i>	1015 Augusta-7 - White Drywall / Joint Compound	Brown/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
07-19-Tape <i>041929736-0019</i>	1015 Augusta-1 - White HVAC Tape	White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
07-19-Mastic <i>041929736-0019A</i>	1015 Augusta-1 - Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-20-Tape <i>041929736-0020</i>	1015 Augusta-1 - White HVAC Tape	White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
07-20-Mastic <i>041929736-0020A</i>	1015 Augusta-1 - Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-21-Tape <i>041929736-0021</i>	1015 Augusta-1 - White HVAC Tape	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
07-21-Mastic <i>041929736-0021A</i>	1015 Augusta-1 - Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Benjamin Verghese (6)

Nicholas Montoya-Orozco (19)

Seri Smith (3)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Report amended: 10/28/2019 08:55:00 Replaces initial report from: 10/17/2019 11:02:16 Reason Code: Client-Additional Analysis



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041929736

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Phone: 1-800-220-3675
FAX: (856) 789-5974
RECEIVED
EMSL
CINNAMINSON NJ
10/9/19

Company: Terracon		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 524 Elmwood Park Boulevard Suite 170		<i>Third Party Billing requires written authorization from third party</i>	
City: New Orleans	State/Province: LA	Zip/Postal Code: 70123	Country: US
Report To (Name): Steven Latiolais		Telephone #: 504-818-3638	
Email Address: steven.latiolais@terracon.com		Fax #:	Purchase Order:
Project Name/Number: 1015 Augusta / BB197056		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: LA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input checked="" type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule.* There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PLM - Bulk (reporting limit)		TEM - Bulk	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NY ELAP Method 198.1 (friable in NY) <input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY) <input type="checkbox"/> OSHA ID-191 Modified <input type="checkbox"/> Standard Addition Method		<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1 <input type="checkbox"/> NY ELAP Method 198.4 (TEM) <input type="checkbox"/> Chatfield Protocol (semi-quantitative) <input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2 <input type="checkbox"/> TEM Qualitative via Filtration Prep Technique <input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique Other:	
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Date Sampled: 10/9/19	
Samplers Name: Steven Latiolais		Samplers Signature: <i>[Signature]</i>	
Sample #	HA #	Sample Location	Material Description
		Please see Attached	
Client Sample # (s):		Total # of Samples:	
Relinquished (Client): <i>[Signature]</i> to FedEx		Date: 10/20/19	Time: 1:00
Received (Lab): <i>[Signature]</i>		Date: 10-10-19	Time: 9:10
Comments/Special Instructions: Bill To: Terracon, 524 Elmwood Park Boulevard, Suite 170, New Orleans, LA, 70123, US Attention: Steven Latiolais Phone: 504-818-3638 Email: Steven.Latiolais@terracon.com Purchase Order.			

21

10/5 Augusta



Asbestos Bulk Sample Log & Chain of Custody Form

Lab Use Only:

Select a Laboratory:

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location:

041929736

Page _____ of _____

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	10/5 Augusta Rock	Brown Roof Shingles	Roof	1250 SF	G D SD
01-02	-J	w/ Felt Paper			
01-03	-J				
02-04	-Ext	Black Vapor Barrier	Exterior Behind Brick	1600 SF	G D SD
02-05	-Ext				
02-06	-Ext				
03-07	-5	Brown 9" x 9" Floor Tile	103, 3, 5, 6	1200 SF	G D SD
03-08	-6	w/ Black Mastic			
03-09	-2				
04-10	-4	Beige 12" x 12" Floor Tile	4	50 SF	G D SD
04-11	-J	w/ Black Mastic			
04-12	-J				
05-13	-4	White Heat Shield	4	1	RECEIVED FILES CIRRAMISON, W.J. 2019 OCT 10 AM 10:00
05-14	-J				
05-15	-J				
06-16	-5	White Dry wall w/ Joint Compound & Texture	Throughout	800 SF	G D SD
06-17	-2				
06-18	-7				
07-19	-8	White HVAC Tape	HVAC Duct	30 LF	G D SD
07-20	-J				
07-21	-J				

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: Brown roof shingles and felt paper.



View of HA-02: Black vapor barrier.



View of HA-03: Brown 9"x9" floor tile with black mastic.



HA-04: Beige 12"x12" floor tile with black mastic.



View of HA-05: White heat shield.

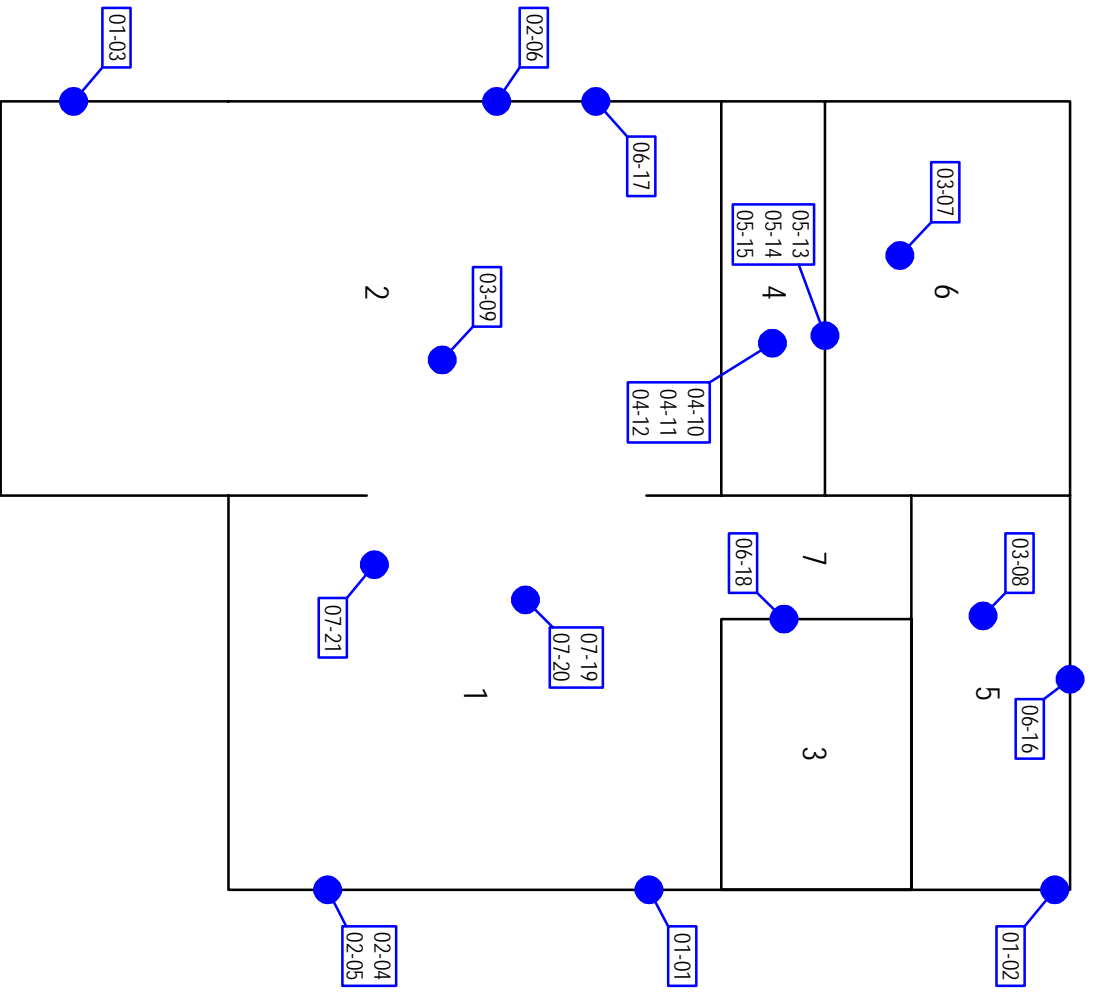


View of HA-06: White drywall with joint compound and texture.



View of HA-07: White HVAC tape with tan mastic.

APPENDIX D
EXHIBITS



AUGUSTA AVE.

LEGEND

● ASBESTOS BULK
SAMPLE LOCATIONS

Project Mgr.:	SML	Project No.:	BB197056
Drawn By:	AMM	Scale:	NOT TO SCALE
Checked By:	SML	File No.:	SAMPLELOC.dwg
Approved By:	ZLD	Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists

524 ELWOOD PARK BLVD NEW ORLEANS, LA 70123
(504) 818-3638

1015 AUGUSTA AVENUE - BULK SAMPLE LOCATIONS
LIMITED ASBESTOS SURVEY
CITY OF ALEXANDRIA - 1015 AUGUSTA AVE. - CD12547
1015 AUGUSTA AVENUE
ALEXANDRIA, LOUISIANA

EXHIBI
1

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:1.4711.

**Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division**

Issued Date: 21 June 2019
Effective Date: July 1, 2019
Expiration Date: June 30, 2020
Certificate Number: 04127



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

Certificate Number: 04127

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

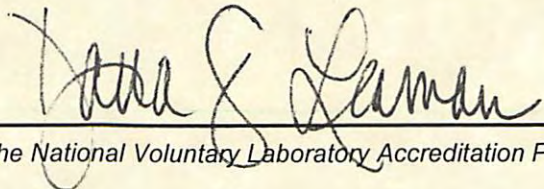
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

- Emergency** Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. **Explanation to justify your emergency request must be provided** (see Section XIV).
- Revision** ADVF #s to be revised _____
- Cancellation** ADVF #s to be canceled _____

I. Type of Notification (check only one box)	
<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Disposal Only
<input type="checkbox"/> Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).	<input type="checkbox"/> Additional Latest ADVF# Issued _____
II. Type of Operation (check only one box)	
<input checked="" type="checkbox"/> Reno & Demo (ACM or RACM removal & subsequent demo)	<input type="checkbox"/> Renovation
<input type="checkbox"/> RACM Demo (entire structure treated as RACM)	<input type="checkbox"/> Response Action (schools, state, public or commercial bldgs.)
Is structure being demolished under order of a state or local government agency? <input type="checkbox"/> No <input type="checkbox"/> Yes (Complete Sec. XIII)	
III. Facility Description	
Facility Name <u>Residential Structure</u>	Project Designer Info (schools, state, public or commercial buildings)
Physical Address <u>1015 Augusta Avenue</u>	Name _____
City <u>Alexandria</u> State <u>LA</u> Zip <u>71302</u>	LA Accred. No. _____
Parish <u>Rapides</u>	Building Size (sq. ft.) <u>1000</u>
Owner Name _____	No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u>
Contact Name _____	Location on site (Bldg, Floor, Room, etc.) where work is done <u>Building will be razed.</u>
Mailing Address _____	Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial
City _____ State _____ Zip _____	<input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation
Contact Phone () _____	<input checked="" type="checkbox"/> Other <u>Blighted structure.</u>
Contact Email _____	Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial
	<input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation
	<input type="checkbox"/> Other _____

IV. Determination of Asbestos Present **Known or Assumed Asbestos Present** (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ

Inspector's Accred. No. MI200658 Lab Accred. No. LELAP 04127 (AI#131900)

Inspection Date 10/09/2019 (mm/dd/yy) Analysis Date 10/28/2019 (mm/dd/yy)

Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

- Attach the following copies:**
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input checked="" type="checkbox"/> VAT <input checked="" type="checkbox"/> Other <u>Wall Texture</u>	<input type="checkbox"/> VAT <input type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____
Amount of Asbestos Material	_____ Linear Feet <u>1,850</u> Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard *ACD = Asbestos-contaminated Debris	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name[‡] _____ On-site Supervisor's Name _____

LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____

Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)

City _____ State _____ Zip _____ Contact Name _____

Phone () _____ ‡A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____

Mailing Address _____ Contact Email _____

City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____
LDEQ SW Transporter No. T- _____ Contact Email _____
Mailing Address _____ Contact Phone () _____
City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

SW Transporter Name _____ Physical Location of Non-processing Transfer Station _____
LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____
Mailing Address _____ Contact Name _____
City _____ State _____ Zip _____ Contact Email _____
Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____
Physical Address _____ Contact Phone () _____
City _____ State _____ Zip _____ Mailing Address _____
City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency City of Alexandria, LA
Representative Name Kenna Lavalais Government Agency Community Development Department
Representative's Title Demolition Program Manager
Date Issued March 7, 2017 (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). City Resolution 9633-2017

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi) _____

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components _____

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor Signature of Owner or Operator/Contractor Date (mm/dd/yy)

ADVF Fees \$ 73 each For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1).
No vouchers will be accepted for emergencies.
NO FEE For revisions or cancellations.

Submittal Information

- **For Emergencies** - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- **For Non-emergencies** - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9633-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 142 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 142 structures.

Removal-demolition by owner

BE FURTHER RESOLVED, etc., that on recommendation of the Community Development Administrator the following structures because of actions by owners who have hired State Licensed Contractors, secured permits & have completed works or secured permits are removed from this condemnation list

- 1) 4321 3rd Street – Kirklin Construction, demolition complete
- 2) 1947 Overton Street - Lathan Construction, demolition complete
- 3) 1953 Overton Street - Lathan Construction, demolition complete
- 4) 1957 Overton Street - Lathan Construction, demolition complete
- 5) 1963 Overton Street - Lathan Construction, demolition complete

Removed – incorrect address

- 6) 5211 Lincoln Road – incorrect address submitted in original list.

Continuance of Council action to consider Condemnations

The following property owners hired State licensed Contractors to secure permits: (work to be completed by 3/31/2017)

- 1) 2904 3rd Street -Veal Construction, Demo Permit issued.
- 2) 2211 Broadway Avenue - Grant Eastern, Demo Permit issued.
- 3) 1626 Dallas Avenue - Grant Eastern, Demo Permit issued.
- 4) 2924 Lee Street -Alliance Design, working on construction drawings.
- 5) 2307 Memphis Street -Veal Construction, Rehab Permit issued.
- 6) 4012 Morris Street - Lathan Construction, Demo Permit issued,

BY
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 RAPIDES PARISH, LA
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 FILED & RECORDED
 ROBYN L. HOOTER
 RECORDER
 1597800

765-
 14-

- 7) 341 North 17th Street - Lathan Construction, Demo Permit issued.
- 8) 2806 Overton Street -Tennie Construction, Rehab Permit issued.
- 9) 1506 Park Avenue - Larwood Construction, Rehab Permit issued.
- 10) 2518 Wise Street -Tennie Construction, Rehab Permit issued.

30 days extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **April 18, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1720 Albert Street	Patrick LaCour
1758 Albert Street	Wasmer Properties, LLC
2024 Harris Street	Tameisha & Melvin Sigur
2302 Lee Street	Tameisha & Melvin Sigur
2243 Overton Street	Tameisha & Melvin Sigur
1512 Shirland Avenue	Felicia Dausat
3933 Clinton Street	Oscar & Dorothy Jones

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on April 18, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

60 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **May 16, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repaired and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
2129 3 rd Street	Newton Collier
1430 5 th Street	Bernadette S. Baker
2524 8 th Street	Marie C. Allen
312 Bogan Street	C E S R LLC, Clarence Spottsville
118 Cottage Street	Kenneth Wayne Joseph
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
1779 Mason Street	Stanford Joseph
2530 Memphis, Unit A & B	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
417 Newman Street	Mark Fairley, ET AL
3022 Houston Street	Deborrah Phoenix Jones
2742 10 th Street	Thoma Cherneva

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on May 16, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

90 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **June 13, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue (Larvadain abstained)	David A. Sheffield
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 13, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on March 7, 2017, the facts justifying Condemnation of the structures and improvements for the following properties, the law and evidence being in favor of Condemnation of the property it is Ordered the following properties are each **condemned** and shall be demolished and removed by the City or its agents within Sixty(60) days of this Order or otherwise within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
2424 3 rd Street	Page Livingston
3617 4 th street	Bakies Properties, LLC
3621 4 th street	Jerry Pearson
3108 9 th street	Alpha Capital/BMO Harris
3112 9 th street	Alice Hammond
3110 9 th Street	Frank R. Bordelon
3723 11 th street	Agnes Wallace
2447 Alma Street	Jerry Johnson
4110 Balentine Street	Colonial Financial Service Inc
99B Bertie Street	Walter Reynolds

1326 Charlton Street	Elsie H. Ryland
3925 Clinton Street	Henry Joffrion
1117 Cole Street	Leontina Dauzat
1119 Cole Street	Leontina Dauzat
2027 East Texas Avenue	Midwest Management
56 Eastwood Boulevard	Tri Brewer
1204 Fenner Street	Don Thompson
4517 Futrell Street	Willie M. Pickens
405 Gabriel Lane	Shirley Johnson
3008 Houston Street	Willie Wilson
3149 Houston Street	Savannah Webber
3305 Hudson Boulevard	Delwin Eldridge
3331 Hudson Boulevard	Rodney Taylor
311 John Thomas Street	Thomas Farace
5503 Jube Street	Michael Tennie
3520 Laurel Street	Donald Medica
717 Leland Street	Henry Weekly
4206 Lincoln Road	Lillian Davis
2533 Main Street	Washington Bush
116 Mary Lane	Bakies Properties, LLC
314 Marye Court	Kylie R. Larwood
2008 Mason Street	McErvin Howard, Sr. EST
2219 Mill Street	Dominic Robinson
208 1/2 North 13 th Street	Jerry Larwood
2803 Overton Street	Jerry & Rhonda Hughes

2426 Paris Street	Midwest Management US Bank
3404 Raymo Drive	Betty Givens & Charlie Johnson
342 Rosewood Drive	Randy L. Michiels
1530 Turner Street	James Price
2515 Wise Street	Curtisteen Matthews
524 Woodard Street	Alice Hammond
2401 3 rd Unit A Street	Nick Chenvert
2401 3 rd Unit B Street	Nick Chenvert
2603 3 rd Street	Annie Mae King
3120 3 rd street	Alice Hammond
2908 4 th Street	Harry Jackson
2634 6 th Street	Jessie Aaron
2641 8 th Street	Luster R. Smith
2516 12 th Street	Bessie Burrell
2544 12 th Street	Leon Rose
1015 Augusta Avenue	Leonard Johnson
97 Bertie Street	Walter Reynolds
3208 Bloch Street	Clifton Morris
5230 Broadmoor Court	Ray Rolan Chandler
832 Broadway Avenue	Elks Hub City Lodge #646
5211 Crestwood Drive	Clyde G. & Francine Wilson
1030 Dallas Avenue	Ora Butler
319 Daspit Street	Ralph & Emma McCoy
628 Douglas Street	Cole Rosa Lee Brooks
5137 Edward Avenue	Linda Smith Scott

1321 Fenner Street	Bessie Morris
3611 Hollywood Drive	Ivory Grant
2828 Houston Street	Jacquelin Freeman
3201 Hudson Boulevard	Rex H. Countee
1510 Huffman Street	Lucy B. Russaw
1512 Huffman Street	Virginia Harvey
821 John Thomas	Lucille Green
2145 Lee Street	Pharrow Perkins
604 Leonard Street	Rosa M. McCoy
1904 Levin Street	Russell J. Walker
1912 Levin Street	Louis H. Taylor/Frankie Mae Hall
2636 Main Street	Carrie C. Small
2716 Main Street	Lucille Taffaro
316 Marye Court	The Money Shack, LLC
2054 Mason Street	Herman Davis Burrell
2095 Mason Street	Rosemary Dauzart
209 North 15 th Street	Jerry Larwood
2040 Overton Street	Mary Cataldie
2069 Overton Street	Thomas J. Atkins
2213 Overton Street	Gertrude Quinney
2217 Overton Street	Bessie M. Vallery
2332 Overton Street	Joyce R.F. Sandifer
2437 Overton Street	Everett Hobbs
2441 Overton Street	Sir Welton Hobbs
2608 Overton Street	Harry C. Robinson

2720 Overton Street
2430 Paris Street
921 Railroad Avenue
504 Scallan Street
1203 Willow Glen River Road
2327 Wise Street (Larvadain abstained)
2704 Wise Street
730 Woodard Street

James P. Clinton
Joseph Wardsworth
Joyce Ann Clinton-Naquin
Lula Mae Booze
Mississippi Land Co., Inc.
Benjamin Bayone
Henry George
Willie Whittington

BE IT FURTHER RESOLVED, etc., that the Order of Condemnation is final for the Properties and parcels listed above and shall be enforceable in accordance with the laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 7th day of March, 2017.

/s/ Donna Jones

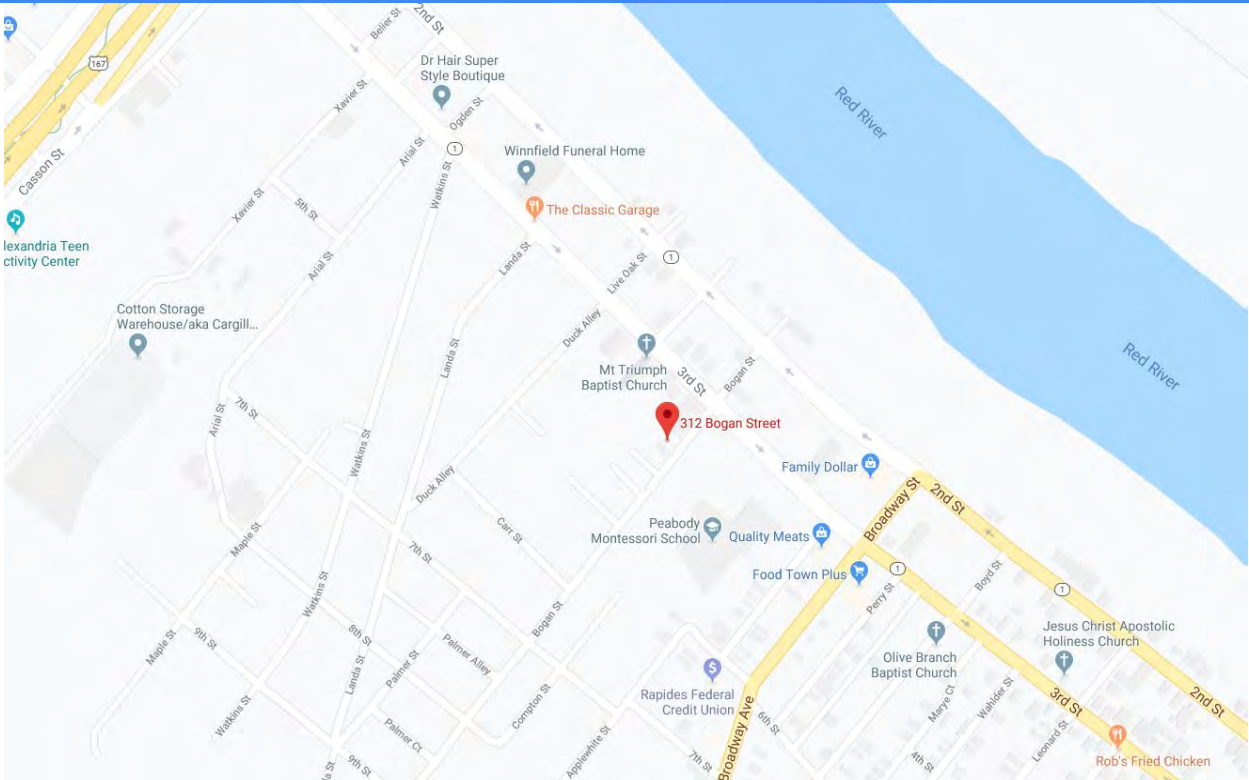
City Clerk

STATE OF LOUISIANA, PARISH OF RAPIDES
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND CORRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF
OFFICE, AT ALEXANDRIA, LOUISIANA, THIS 15
DAY OF March, A.D., 2017
BY [Signature]
DY. CLERK OF COURT

CD-12580
312 Bogan Street



31°18'11.8"N 92°26'08.5"W



Asbestos Survey Report

Residential Structure (CD12580)
312 Bogan Street
Alexandria, Louisiana

November 5, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 5, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12580)
312 Bogan Street
Alexandria, Louisiana
Terracon Project No. BB197056


Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 9, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were not identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.


Steven Latiolais
Staff Industrial Hygienist


Zack L. Dial
Senior Engineer

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APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12580)
312 Bogan Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 5, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 9, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 850 square-foot, single-story, pier-and-beam structure with a wood frame. At the time of the survey, the structure was largely damaged throughout. Internal floors, walls, and ceilings consisted of wood.

Asbestos Survey Report

312 Bogan Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

312 Bogan Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



Six (6) samples were collected from two (2) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

312 Bogan Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

312 Bogan Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

Asbestos containing materials were not identified in connection with the subject structure.

As results of this survey did not identify any asbestos-containing materials, however, LDEQ requires written notification (AAC-2b) prior to any demolition activity, regardless of whether the building contains asbestos.

5.1 Special Conditions

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
ASBESTOS SURVEY SAMPLE SUMMARY
312 Bogan Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	Multi-colored rock pattern sheet flooring with leveling compound	4, 6	Significantly Damaged	Flooring – None Detected Leveling Compound – None Detected
	01-02				Flooring – None Detected Leveling Compound – None Detected
	01-03				Flooring – None Detected Leveling Compound – None Detected
02	02-04	Black roof shingles and felt paper	Roof above 8	Significantly Damaged	Shingles – None Detected Paper – None Detected
	02-05				Shingles – None Detected Paper – None Detected
	02-06				Shingles – None Detected Paper – None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order: 041929721

Customer ID: TCNL25

Customer PO: EBB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 312 Bogan / EBB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/10/2019 9:10 AM

Analysis Date: 10/11/2019 - 10/16/2019

Collected Date:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01-Sheet Flooring <small>041929721-0001</small>	312 Bogan - 6 - Multi-colored Rock Pattern Sheet Flooring	Various Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
01-01-Leveling Compound <small>041929721-0001A</small>	312 Bogan - 6 - Leveling Compound	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-02-Sheet Flooring <small>041929721-0002</small>	312 Bogan - 6 - Multi-colored Rock Pattern Sheet Flooring	Various Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
01-02-Leveling Compound <small>041929721-0002A</small>	312 Bogan - 6 - Leveling Compound	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-03-Sheet Flooring <small>041929721-0003</small>	312 Bogan - 4 - Multi-colored Rock Pattern Sheet Flooring	Various Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
01-03-Leveling Compound <small>041929721-0003A</small>	312 Bogan - 4 - Leveling Compound	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04-Shingles <small>041929721-0004</small>	312 Bogan - 8 - Roof - Brown Roof Shingles	Brown/Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
02-04-Felt Paper <small>041929721-0004A</small>	312 Bogan - 8 - Roof - Felt Paper	Black Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
02-05-Shingles <small>041929721-0005</small>	312 Bogan - 8 - Roof - Brown Roof Shingles	Brown/Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
02-05-Felt Paper <small>041929721-0005A</small>	312 Bogan - 8 - Roof - Felt Paper	Black Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
02-06-Shingles <small>041929721-0006</small>	312 Bogan - 8 - Roof - Brown Roof Shingles	Brown/Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
02-06-Felt Paper <small>041929721-0006A</small>	312 Bogan - 8 - Roof - Felt Paper	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
02-06-Shingles 2 <small>041929721-0006B</small>	312 Bogan - 8 - Roof - Brown Roof Shingles	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected

Initial report from: 10/16/2019 13:10:37



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929721

Customer ID: TCNL25

Customer PO: EBB197056

Project ID:

Analyst(s) _____

Christina Maiorana (5)

Sarah Kleinbrahm (8)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 10/16/2019 13:10:37



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041929721

EMSL Analytical, Inc.
200 Route 130 North

RECEIVED
EMSL
CINNAMINSON, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974
2019 OCT 10 09

Company: Terracon		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 524 Elmwood Park Boulevard Suite 170		Third Party Billing requires written authorization from third party	
City: New Orleans	State/Province: LA	Zip/Postal Code: 70123	Country: US
Report To (Name): Steven Latiolais		Telephone #: 504-818-3638	
Email Address: steven.latiolais@terracon.com		Fax #:	Purchase Order:
Project Name/Number: 312 Bogun / EBB197056		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: LA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PLM - Bulk (reporting limit)	TEM - Bulk
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1
<input type="checkbox"/> PLM EPA NOB (<1%)	<input type="checkbox"/> NY ELAP Method 198.4 (TEM)
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> Chatfield Protocol (semi-quantitative)
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2
<input type="checkbox"/> NIOSH 9002 (<1%)	<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)	<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)	Other
<input type="checkbox"/> OSHA ID-191 Modified	<input type="checkbox"/>
<input type="checkbox"/> Standard Addition Method	

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled:

Samplers Name: Steven Latiolais Samplers Signature: *[Signature]*

Sample #	HA #	Sample Location	Material Description
		Please See attached.	

Client Sample # (s): - Total # of Samples:

Relinquished (Client): *[Signature]* to FedEx Date: 10/10/19 Time: 1800

Received (Lab): *[Signature]* Date: 10-10-19 Time: 9:10

Comments/Special Instructions:
Bill To: Terracon, 524 Elmwood Park Boulevard, Suite 170, New Orleans, LA, 70123, US
Attention: Steven Latiolais Phone: 504-818-3638 Email: Steven.Latiolais@terracon.com Purchase Order:

(6) EL :

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	312 Bogun - 6	Multi-colored Rock Pattern Sheet flooring w/ Leveling Compound	Y26		G D (SD)
01-02	- 6				
01-03	- 4				
02-04	- 8-Roof	Brown Roof Shingles w/ Felt Paper	Roof of Rm. 8		G D (SD)
02-05	- ↓				
02-06	- ↓				
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD

RECEIVED
 EM SLL
 CIPRANILSON, N.
 2019 OCT 10 AM 10:08

(Handwritten signature)

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS

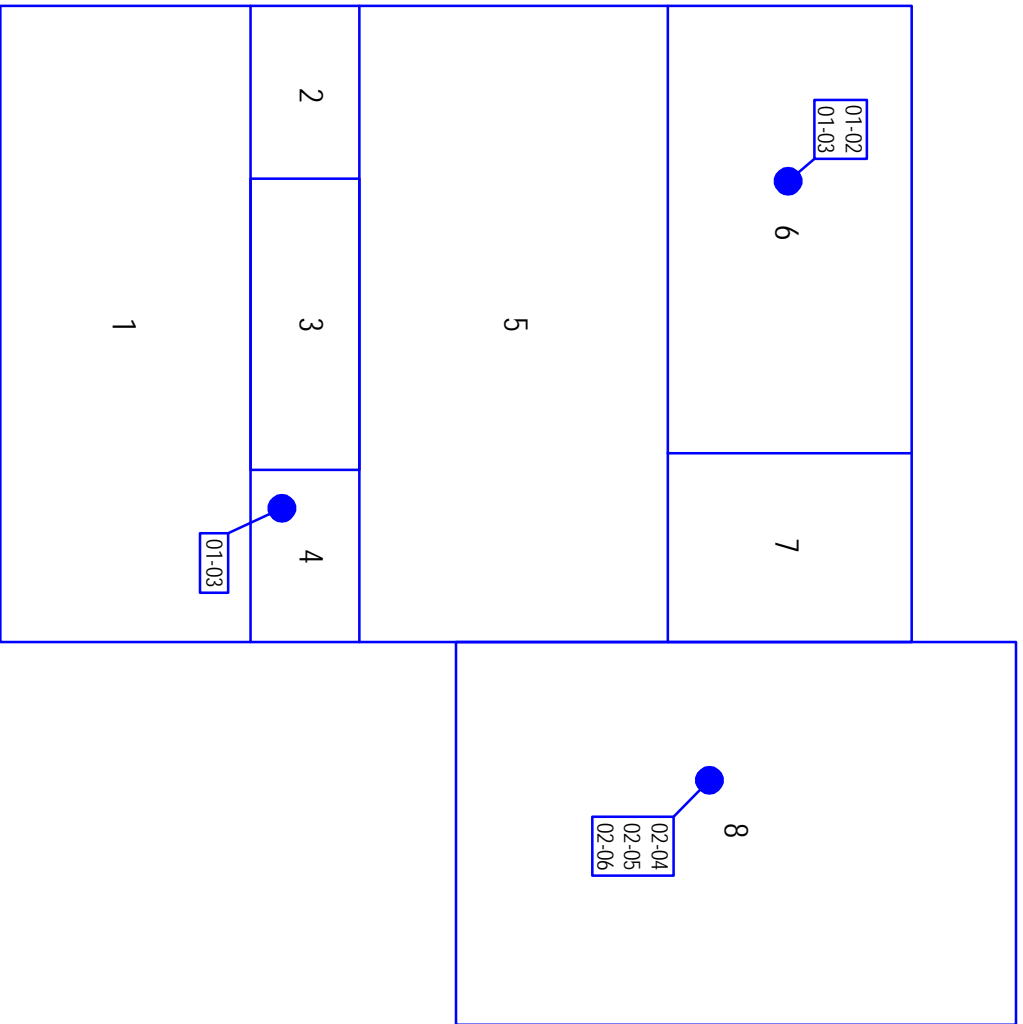


View of HA-01: Gray ceramic tile pattern sheet flooring.



View of HA-02: Brown roof shingle with felt paper

APPENDIX D
EXHIBITS



BOGAN ST.

LEGEND

● ASBESTOS BULK
SAMPLE LOCATIONS

Project Inq#:	SML
Drawn By:	AMM
Checked By:	SML
Approved By:	ZLD

Project No.:	BB197056
Scale:	NOT TO SCALE
File No.:	SAMPLELOC.dwg
Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists

524 ELMWOOD PARK BVD NEW ORLEANS, LA 70123
(504) 818-3638

312 BOGAN ST. - BULK SAMPLE LOCATIONS

LIMITED ASBESTOS SURVEY
CITY OF ALEXANDRIA - 312 BOGAN ST. - CD12580
312 BOGAN STREET
ALEXANDRIA, LOUISIANA

EXHIBIT
1

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates



Dana S. Laman
For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2



ASBESTOS NOTIFICATION OF DEMOLITION (NEGATIVE DECLARATION) FORM AAC-2(b)

**Do not use this form for
Asbestos Disposal Verification Forms (ADVF) requests**

Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	N/A
Amt. Received	N/A
Postmark Date	
ADVF No.	N/A

Please type and complete all required sections.

NOTE: This form is to be used only for demolitions when lab analysis of properly sampled material indicates: that no Asbestos-Containing Material (ACM) is present; that the ACM present is not Regulated Asbestos-Containing Material (RACM), and will not be made RACM by the demolition; or that RACM, including any ACM that will be made RACM by the demolition, is less than the thresholds below (See Section I). For all other demolitions, renovations, or asbestos-contaminated debris activities, request ADVFs using the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)*.

NOTE: This form is to be used for NON-EMERGENCIES only.

<p>I. Type of Notification <input checked="" type="checkbox"/> No ACM present</p> <p><input type="checkbox"/> ACM present is not RACM and will not be made RACM by the demolition</p> <p><input type="checkbox"/> RACM, or ACM that will be made RACM, is less than the established thresholds (See right)</p>	<p>Established Thresholds per LAC 33:III.5151.F.1. Combined amount of RACM is less than:</p> <ul style="list-style-type: none"> 60 linear feet on pipes; 64 square feet on other facility components; or 1 cubic yard off facility components where length or area could not be measured previously.
---	--

<p>II. Type of Operation <input checked="" type="checkbox"/> Demolition (allowable only if structure contains no RACM or contains RACM below established thresholds) (See Section I, above)</p>	
---	--

III. Facility Description	
Facility Name <u>Residential Structure</u> Physical Address <u>312 Bogan Street</u> City <u>Alexandria</u> State <u>LA</u> Zip <u>71302</u> Owner Name _____ Contact Information: _____ Contact Name _____ Mailing Address _____ City _____ State _____ Zip _____ Phone () _____ Email _____	Parish <u>Rapides</u> Building Size (sq. ft.) <u>850</u> No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u> Location on site (Bldg, Floor, Room, etc.) where work is done <u>Structure will be razed.</u> Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Other <u>Blighted structure.</u> Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Other _____

IV. Determination of No RACM Present /Amount of RACM Present is Below Established Thresholds for Demo Project (See Section I)

Inspection Date 10/09/2019 (mm/dd/yy) Lab Analysis Date 10/16/2019 (mm/dd/yy)
Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ
Inspector's Accred. No. MI200658 LELAP* Lab ID No. 04127
Lab Agency Interest (AI) No. 131900

Procedure, including analytical method, if appropriate, PLM – EPA 600
used to detect the presence of asbestos material _____

NOTE: Laboratory analysis performed by commercial laboratories for this determination must have been conducted in accordance with the requirements set forth under LAC 33:I.Subpart 3, Chapters 49-55.

Laboratory data generated by commercial laboratories that are not accredited by the *Louisiana Environmental Laboratory Accreditation Program (LELAP) under LAC 33:I.Subpart 3, Chapters 47-57, will not be accepted by the LDEQ; retesting of analysis will be required by a commercial laboratory accredited by LELAP.

- Attach the following copies:
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b) will not be processed without these attachments.

V. Asbestos Containing Material (ACM) Not to be Removed from Structure Prior to Demolition (if ACM is present)

	RACM		Non-regulated ACM	
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling Tile	<input type="checkbox"/> Fireproofing <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Mastic	<input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Other _____
Amount of Asbestos Material Not Removed	_____ linear _____ square feet _____ cubic yards		_____ linear feet _____ square feet _____ cubic yards	

VI. Demolition Contractor

Contractor Name _____ Contact Name _____
Mailing Address _____ Contact Email _____
City _____ State _____ Zip _____ Contact Phone () _____

VII. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

VIII. Planned Non-RACM Demolition

Describe planned non-RACM demolition and methods to be used _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

IX. Comments Provide any additional comments/information relevant to the *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

X. Certification Sign this section only if RACM is absent or amount of RACM present is below established thresholds (See Section I)

I certify that the above information is correct and that under penalty of law, with regard to the structure being demolished, RACM is determined to be absent or the amount of RACM present is below established thresholds per LAC 33:III.5151.F.1. I understand that:

- the *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)* is incomplete without the required analysis and supporting documentation from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57; this constitutes a failure to notify the LDEQ (See Section IV);
- the LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- the *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)* will not be processed without the required analysis and supporting documentation from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

Submittal Information

- There is no fee associated with the *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.
- Submit the form with an original signature and required attachments by one of the methods of delivery listed below.
- Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); however, the form with an original signature and required attachments must be submitted to the LDEQ within 5 working days of the email date by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9656-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF FIFTEEN (15) STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of fifteen (15) structures.

Removal

BE IT FURTHER RESOLVED, etc., that the owners, agent, or other representatives of the owners provided evidence to the Community Development Department that the Structure (s) listed was brought up to the City of Alexandria Property Standards Code.

2129 3 rd Street	Newton Collier
118 Cottage Street	Kenneth Wayne Joseph
1779 Mason Street	Stanford Joseph

30 Days Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to June 27, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code or to be reconsidered for Condemnation.

<u>Property Address</u>	<u>Property Owner</u>
1430 5 th Street	Bernadette S. Baker
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
417 Newman Street	Mark Fairley, ET AL

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time

allowed fail to timely provide sufficient evidence of the owners actions or fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 27, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on May 16, 2017, the facts justifying Condemnation of the structures and improvements on the following properties and it is Ordered the following properties are condemned and shall be demolished and removed by the City or its agents within Thirty(30) days of this Order or within the discretion of the City at any time thereafter:

<u>Property Address</u>	<u>Property Owner</u>
2524 8 th Street	Marie C. Allen
312 Bogan Street (Larvadain – Abstain on the above)	C E S R LLC, Clarence Spottsville
2530 Memphis, Unit A & B (Larvadain abstain on the above)	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
3022 Houston Street	Deborah Phoenix Jones
2742 10 th Street	Thomas Cherneva

BE IT FURTHER RESOLVED, etc., that in the Order of Condemnation is final and shall be enforceable in accordance with law and subject to R.S. 33:4763 and other laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

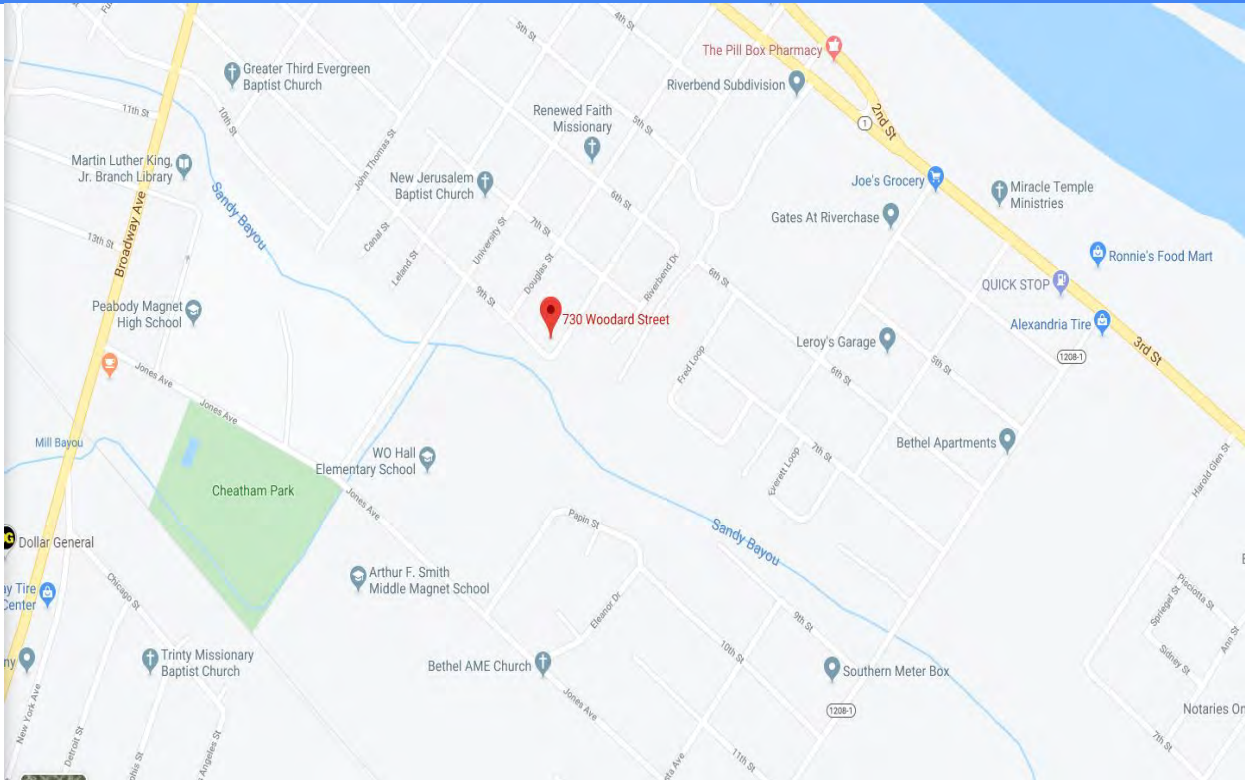
AND THE RESOLUTION was declared adopted on the 16th day of May, 2017.

/s/ Donna Jones
City Clerk

CD-12782
730 Woodard Street



31°17'37.3"N 92°25'46.5"W



Asbestos Survey Report

**Residential Structure (CD12782)
730 Woodard Street
Alexandria, Louisiana**

November 5, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 5, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12782)
730 Woodard Street
Alexandria, Louisiana
Terracon Project No. BB197056


Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 10, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.


Steven Latiolais
Staff Industrial Hygienist



Zack L. Dial
Senior Engineer

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APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12782)
730 Woodard Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 5, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 10, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,000 square-foot, single-story, pier-and-beam structure with a wood frame. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood, and walls and ceilings consisted of wood and/or drywall system wallboard.

Asbestos Survey Report

730 Woodard Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

730 Woodard Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



Twenty-four (24) samples were collected from eight (8) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

730 Woodard Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

730 Woodard Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Regulated Asbestos Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

Laboratory analysis confirmed the following asbestos-containing friable materials:

- White wallboard texture

As the results of this survey indicated the structure contains RACM, all section of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. Upon proper notification, the LDEQ will issue an ADVF to provide approval to begin activities and to ensure that the ACM is removed and disposed of properly. The AAC-2a form must be on site during all RACM removal activities.

5.2 Special Conditions

Asbestos was identified in concentrations greater than 1% in joint compound associated with drywall ceiling systems within the subject structure (Samples 01-01, 01-02, 01-03). However, the composite PLM sample analysis of the drywall and joint compound was less than 1%; therefore, the drywall and joint compound system is not considered ACM per NESHAP. However, the OSHA Asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos regardless of concentration. 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 disturbance of this material has the potential to result in the release of airborne asbestos fibers.

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 prove otherwise.

Asbestos Survey Report

730 Woodard Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
CONFIRMED ASBESTOS CONTAINING MATERIALS
730 Woodard Street
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
01	Wallboard texture	Throughout	RACM	Damaged	Yes	3% Chrysotile	1,000 SF

RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
730 Woodard Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	White wallboard with joint compound and texture	Throughout	Damaged	Wallboard – None Detected Joint Compound – 3% Chrysotile Texture – <1% Chrysotile Composite – <1% Chrysotile
	01-02				Wallboard – None Detected Joint Compound – Not Analyzed Texture – 3% Chrysotile Composite – <1% Chrysotile
	01-03				Wallboard – None Detected Joint Compound – None Detected Texture – None Detected Composite – None Detected
02	02-04	Beige sheet flooring with 2"x4" pattern	1, 2, 4, 5, 6	Damaged	None Detected
	02-05				None Detected
	02-06				None Detected
03	03-07	Cream stone pattern sheet flooring	7	Significantly Damaged	None Detected
	03-08				None Detected
	03-09				None Detected
04	04-10	White 1'x1' ceiling tile	8	Significantly Damaged	None Detected
	04-11				None Detected
	04-12				None Detected

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
730 Woodard Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
05	05-13	White sheet flooring with 4"x4" pattern	8	Significantly Damaged	None Detected
	05-14				None Detected
	05-15				None Detected
06	06-16	Off white self-stick 12"x12" floor tile with adhesive	3	Damaged	Tile – None Detected Adhesive – None Detected
	06-17				Tile – None Detected Adhesive – None Detected
	06-18				Tile – None Detected Adhesive – None Detected
07	07-19	Black roof shingles and felt paper	Roof	Damaged	Shingle – None Detected Paper – None Detected
	07-20				Shingle – None Detected Paper – None Detected
	07-21				Shingle – None Detected Paper – None Detected
08	08-22	White window glazing	Exterior windows	Damaged	None Detected
	08-23				None Detected
	08-24				None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929889

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 730 Woodward - BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/11/2019 9:20 AM

Analysis Date: 10/17/2019 - 10/28/2019

Collected Date: 10/10/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01-Wallboard <i>041929889-0001</i>	730 Woodward - 6 - White Wallboard	Tan/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
01-01-Joint Compound <i>041929889-0001A</i>	730 Woodward - 6 - Joint Compound	White Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
01-01-Texture <i>041929889-0001B</i> <i>Limited sample material.</i>	730 Woodward - 6 - Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
01-01-Composite <i>041929889-0001C</i>	730 Woodward - 6 - White Wallboard / Joint Compound	Brown/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
01-02-Wallboard <i>041929889-0002</i>	730 Woodward - 1 - Joint Compound	Tan/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
01-02-Joint Compound <i>041929889-0002A</i>	730 Woodward - 1 - Joint Compound				Positive Stop (Not Analyzed)
01-02-Texture <i>041929889-0002B</i>	730 Woodward - 1 - Texture	White Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
01-02-Composite <i>041929889-0002C</i>	730 Woodward - 1 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
01-03-Wallboard <i>041929889-0003</i>	730 Woodward - 2 - White Wallboard	Tan/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
01-03-Joint Compound <i>041929889-0003A</i>	730 Woodward - 2 - Joint Compound				Positive Stop (Not Analyzed)
01-03-Texture <i>041929889-0003B</i>	730 Woodward - 2 - Texture				Positive Stop (Not Analyzed)
01-03-Composite <i>041929889-0003C</i>	730 Woodward - 2 - White Wallboard / Joint Compound	Brown/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	None Detected
02-04 <i>041929889-0004</i>	730 Woodward - 6 - Beige Sheet Flooring 2' x 4' Pattern	Beige Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
02-05 <i>041929889-0005</i>	730 Woodward - 5 - Beige Sheet Flooring 2' x 4' Pattern	Beige Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
02-06 <i>041929889-0006</i>	730 Woodward - 1 - Beige Sheet Flooring 2' x 4' Pattern	Beige Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
03-07 <i>041929889-0007</i>	730 Woodward - 7 - Cream Stone Pattern Sheet Flooring	Beige Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected

Report amended: 10/28/2019 10:05:00 Replaces amended report from: 10/18/2019 08:00:00 Reason Code: Client-Additional Analysis



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929889
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
03-08 <i>041929889-0008</i>	730 Woodward - 7 - Cream Stone Pattern Sheet Flooring	Beige Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
03-09 <i>041929889-0009</i>	730 Woodward - 7 - Cream Stone Pattern Sheet Flooring	Beige Fibrous Homogeneous	25% Cellulose 5% Glass	70% Non-fibrous (Other)	None Detected
04-10 <i>041929889-0010</i>	730 Woodward - 8 - White 1' x 1' Ceiling Tile	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
04-11 <i>041929889-0011</i>	730 Woodward - 8 - White 1' x 1' Ceiling Tile	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
04-12 <i>041929889-0012</i>	730 Woodward - 8 - White 1' x 1' Ceiling Tile	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
05-13 <i>041929889-0013</i>	730 Woodward - 8 - White Sheet Flooring 4" x 4"	White Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
05-14 <i>041929889-0014</i>	730 Woodward - 8 - White Sheet Flooring 4" x 4"	White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
05-15 <i>041929889-0015</i>	730 Woodward - 8 - White Sheet Flooring 4" x 4"	White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
06-16-Floor Tile <i>041929889-0016</i>	730 Woodward - 3 - Off-white Self-stick 12" x 12" Floor Tile	White Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-16-Adhesive <i>041929889-0016A</i>	730 Woodward - 3 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-17-Floor Tile <i>041929889-0017</i>	730 Woodward - 3 - Off-white Self-stick 12" x 12" Floor Tile	White Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-17-Adhesive <i>041929889-0017A</i>	730 Woodward - 3 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-18-Floor Tile <i>041929889-0018</i>	730 Woodward - 3 - Off-white Self-stick 12" x 12" Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-18-Adhesive <i>041929889-0018A</i>	730 Woodward - 3 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-19-Shingle <i>041929889-0019</i>	730 Woodward - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
07-19-Tar Paper <i>041929889-0019A</i>	730 Woodward - Roof - Tar Paper	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
07-20-Shingle <i>041929889-0020</i>	730 Woodward - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
07-20-Tar Paper <i>041929889-0020A</i>	730 Woodward - Roof - Tar Paper	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
07-21-Shingle <i>041929889-0021</i>	730 Woodward - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
07-21-Tar Paper <i>041929889-0021A</i>	730 Woodward - Roof - Tar Paper	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
08-22 <i>041929889-0022</i>	730 Woodward - Exterior - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-23 <i>041929889-0023</i>	730 Woodward - Exterior - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-24 <i>041929889-0024</i>	730 Woodward - Exterior - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s) _____

Jose Sanchez (11)

Kelly Thomas (22)

Seri Smith (3)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Report amended: 10/28/2019 10:05:00 Replaces amended report from: 10/18/2019 08:00:00 Reason Code: Client-Additional Analysis

730 Woodard

Asbestos Bulk Sample Log & Chain of Custody Form

041929869

Lab Use Only:

Select a Laboratory:

New Orleans: 524 Elmwood Park Blvd, Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location:

Page ___ of ___

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01 01-01	730 Woodard	White Wall Board w/ Joints	Trash Can	1000 SF	G B SD
01-03		Compound & Texture			
02-04		Beige Sheet Flooring	15,602	600 SF	G D SD
02-05		2'x4' Plank	4		
02-06					
03-07		Cream Shag Pattern Sheet Flooring	7	150 SF	G D SD
03-08					
04-09					
04-10		White 9'x1' Ceiling Tile	8	150	G D SD
04-11					
04-12					
05-13		White Sheet Flooring	8	25	G D SD
05-14		4'x4' Plank			
06-15					
06-16		Off-White Self-Stick	3	75	G D SD
06-17		12" x 12" Floor Tile			
06-18					
07-19		Black Roof Shingles			
07-20					
07-21					

RECEIVED
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MINNAPOLIS, MN
OCT 11 AM 9:30

522

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: White wallboard with joint compound and texture.



View of HA-02: Beige sheet flooring with 2"x4" pattern.



View of HA-03: Cream stone pattern sheet flooring.



HA-04: White 1'x1' ceiling tile.



View of HA-05: White sheet flooring with 4"x4" pattern.



View of HA-06: Off white self-stick 12"x12" floor tile with adhesive.

APPENDIX D
EXHIBITS

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
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Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

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AI Number: 131900
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Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

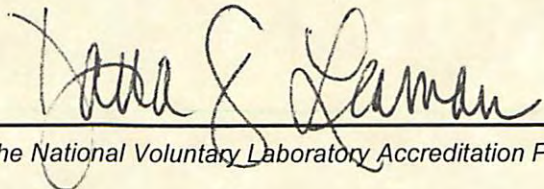
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

- Emergency** Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. **Explanation to justify your emergency request must be provided** (see Section XIV).
- Revision** ADVF #s to be revised _____
- Cancellation** ADVF #s to be canceled _____

I. Type of Notification (check only one box)	
<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Disposal Only
<input type="checkbox"/> Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).	<input type="checkbox"/> Additional Latest ADVF# Issued _____
II. Type of Operation (check only one box)	
<input checked="" type="checkbox"/> Reno & Demo (ACM or RACM removal & subsequent demo)	<input type="checkbox"/> Renovation
<input type="checkbox"/> RACM Demo (entire structure treated as RACM)	<input type="checkbox"/> ACDA
<input type="checkbox"/> Response Action (schools, state, public or commercial bldgs.)	
Is structure being demolished under order of a state or local government agency? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Complete Sec. XIII)	
III. Facility Description	
Facility Name <u>Residential Structure</u>	Project Designer Info (schools, state, public or commercial buildings)
Physical Address <u>730 Woodard Street</u>	Name _____
City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u>	LA Accred. No. _____
Parish <u>Rapides</u>	Building Size (sq. ft.) <u>1,000</u>
Owner Name _____	No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u>
Contact Name _____	Location on site (Bldg, Floor, Room, etc.) where work is done <u>Structure will be razed.</u>
Mailing Address _____	
City _____ State _____ Zip _____	Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input checked="" type="checkbox"/> Other <u>Blighted structure</u>
Contact Phone () _____	Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input type="checkbox"/> Other _____
Contact Email _____	

IV. Determination of Asbestos Present **Known or Assumed Asbestos Present** (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ

Inspector's Accred. No. MI200658 Lab Accred. No. 131900

Inspection Date 10/10/2019 (mm/dd/yy) Analysis Date 10/28/2019 (mm/dd/yy)

Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

- Attach the following copies:**
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input checked="" type="checkbox"/> Other <u>Wallboard texture</u>	<input type="checkbox"/> VAT <input type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____
Amount of Asbestos Material	_____ Linear Feet <u>1,000</u> _____ Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard <small>*ACD = Asbestos-contaminated Debris</small>	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name [‡] _____ On-site Supervisor's Name _____

LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____

Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)

City _____ State _____ Zip _____ Contact Name _____

Phone () _____ ‡A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____

Mailing Address _____ Contact Email _____

City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____
LDEQ SW Transporter No. T- _____ Contact Email _____
Mailing Address _____ Contact Phone () _____
City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

SW Transporter Name _____ Physical Location of Non-processing Transfer Station _____
LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____
Mailing Address _____ Contact Name _____
City _____ State _____ Zip _____ Contact Email _____
Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____
Physical Address _____ Contact Phone () _____
City _____ State _____ Zip _____ Mailing Address _____
City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency _____ City of Alexandria, LA
Representative Name Kenna Lavalais Government Agency Community Development Department
Representative's Title Demolition Program Manager
Date Issued March 7, 2017 (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). City Resolution 9633-2017

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi) _____

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components _____

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1).
No vouchers will be accepted for emergencies.
NO FEE For revisions or cancellations.

Submittal Information

- **For Emergencies** - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- **For Non-emergencies** - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9633-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 142 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 142 structures.

Removal-demolition by owner

BE FURTHER RESOLVED, etc., that on recommendation of the Community Development Administrator the following structures because of actions by owners who have hired State Licensed Contractors, secured permits & have completed works or secured permits are removed from this condemnation list

- 1) 4321 3rd Street – Kirklin Construction, demolition complete
- 2) 1947 Overton Street - Lathan Construction, demolition complete
- 3) 1953 Overton Street - Lathan Construction, demolition complete
- 4) 1957 Overton Street - Lathan Construction, demolition complete
- 5) 1963 Overton Street - Lathan Construction, demolition complete

Removed – incorrect address

- 6) 5211 Lincoln Road – incorrect address submitted in original list.

Continuance of Council action to consider Condemnations

The following property owners hired State licensed Contractors to secure permits: (work to be completed by 3/31/2017)

- 1) 2904 3rd Street -Veal Construction, Demo Permit issued.
- 2) 2211 Broadway Avenue - Grant Eastern, Demo Permit issued.
- 3) 1626 Dallas Avenue - Grant Eastern, Demo Permit issued.
- 4) 2924 Lee Street -Alliance Design, working on construction drawings.
- 5) 2307 Memphis Street -Veal Construction, Rehab Permit issued.
- 6) 4012 Morris Street - Lathan Construction, Demo Permit issued,

BY
 CLERK & RECORDER
 RAPIDES PARISH
 LA
 17 MAR 14 PM 1:55
 FILED & RECORDED
 ROBYN L. HOOTER
 RECORDER
 1597800

765-
 14-

- 7) 341 North 17th Street - Lathan Construction, Demo Permit issued.
- 8) 2806 Overton Street -Tennie Construction, Rehab Permit issued.
- 9) 1506 Park Avenue - Larwood Construction, Rehab Permit issued.
- 10) 2518 Wise Street -Tennie Construction, Rehab Permit issued.

30 days extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **April 18, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1720 Albert Street	Patrick LaCour
1758 Albert Street	Wasmer Properties, LLC
2024 Harris Street	Tameisha & Melvin Sigur
2302 Lee Street	Tameisha & Melvin Sigur
2243 Overton Street	Tameisha & Melvin Sigur
1512 Shirland Avenue	Felicia Dauzat
3933 Clinton Street	Oscar & Dorothy Jones

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on April 18, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

60 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **May 16, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
2129 3 rd Street	Newton Collier
1430 5 th Street	Bernadette S. Baker
2524 8 th Street	Marie C. Allen
312 Bogan Street	C E S R LLC, Clarence Spottsville
118 Cottage Street	Kenneth Wayne Joseph
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
1779 Mason Street	Stanford Joseph
2530 Memphis, Unit A & B	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
417 Newman Street	Mark Fairley, ET AL
3022 Houston Street	Deborrah Phoenix Jones
2742 10 th Street	Thoma Cherneva

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on May 16, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

90 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **June 13, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue (Larvadain abstained)	David A. Sheffield
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 13, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on March 7, 2017, the facts justifying Condemnation of the structures and improvements for the following properties, the law and evidence being in favor of Condemnation of the property it is Ordered the following properties are each **condemned** and shall be demolished and removed by the City or its agents within Sixty(60) days of this Order or otherwise within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
2424 3 rd Street	Page Livingston
3617 4 th street	Bakies Properties, LLC
3621 4 th street	Jerry Pearson
3108 9 th street	Alpha Capital/BMO Harris
3112 9 th street	Alice Hammond
3110 9 th Street	Frank R. Bordelon
3723 11 th street	Agnes Wallace
2447 Alma Street	Jerry Johnson
4110 Balentine Street	Colonial Financial Service Inc
99B Bertie Street	Walter Reynolds

1326 Charlton Street	Elsie H. Ryland
3925 Clinton Street	Henry Joffrion
1117 Cole Street	Leontina Dauzat
1119 Cole Street	Leontina Dauzat
2027 East Texas Avenue	Midwest Management
56 Eastwood Boulevard	Tri Brewer
1204 Fenner Street	Don Thompson
4517 Futrell Street	Willie M. Pickens
405 Gabriel Lane	Shirley Johnson
3008 Houston Street	Willie Wilson
3149 Houston Street	Savannah Webber
3305 Hudson Boulevard	Delwin Eldridge
3331 Hudson Boulevard	Rodney Taylor
311 John Thomas Street	Thomas Farace
5503 Jube Street	Michael Tennie
3520 Laurel Street	Donald Medica
717 Leland Street	Henry Weekly
4206 Lincoln Road	Lillian Davis
2533 Main Street	Washington Bush
116 Mary Lane	Bakies Properties, LLC
314 Marye Court	Kylie R. Larwood
2008 Mason Street	McErvin Howard, Sr. EST
2219 Mill Street	Dominic Robinson
208 1/2 North 13 th Street	Jerry Larwood
2803 Overton Street	Jerry & Rhonda Hughes

2426 Paris Street	Midwest Management US Bank
3404 Raymo Drive	Betty Givens & Charlie Johnson
342 Rosewood Drive	Randy L. Michiels
1530 Turner Street	James Price
2515 Wise Street	Curtisteen Matthews
524 Woodard Street	Alice Hammond
2401 3 rd Unit A Street	Nick Chenvert
2401 3 rd Unit B Street	Nick Chenvert
2603 3 rd Street	Annie Mae King
3120 3 rd street	Alice Hammond
2908 4 th Street	Harry Jackson
2634 6 th Street	Jessie Aaron
2641 8 th Street	Luster R. Smith
2516 12 th Street	Bessie Burrell
2544 12 th Street	Leon Rose
1015 Augusta Avenue	Leonard Johnson
97 Bertie Street	Walter Reynolds
3208 Bloch Street	Clifton Morris
5230 Broadmoor Court	Ray Rolan Chandler
832 Broadway Avenue	Elks Hub City Lodge #646
5211 Crestwood Drive	Clyde G. & Francine Wilson
1030 Dallas Avenue	Ora Butler
319 Daspit Street	Ralph & Emma McCoy
628 Douglas Street	Cole Rosa Lee Brooks
5137 Edward Avenue	Linda Smith Scott

1321 Fenner Street	Bessie Morris
3611 Hollywood Drive	Ivory Grant
2828 Houston Street	Jacquelin Freeman
3201 Hudson Boulevard	Rex H. Countee
1510 Huffman Street	Lucy B. Russaw
1512 Huffman Street	Virginia Harvey
821 John Thomas	Lucille Green
2145 Lee Street	Pharrow Perkins
604 Leonard Street	Rosa M. McCoy
1904 Levin Street	Russell J. Walker
1912 Levin Street	Louis H. Taylor/Frankie Mae Hall
2636 Main Street	Carrie C. Small
2716 Main Street	Lucille Taffaro
316 Marye Court	The Money Shack, LLC
2054 Mason Street	Herman Davis Burrell
2095 Mason Street	Rosemary Dauzart
209 North 15 th Street	Jerry Larwood
2040 Overton Street	Mary Cataldie
2069 Overton Street	Thomas J. Atkins
2213 Overton Street	Gertrude Quinney
2217 Overton Street	Bessie M. Vallery
2332 Overton Street	Joyce R.F. Sandifer
2437 Overton Street	Everett Hobbs
2441 Overton Street	Sir Welton Hobbs
2608 Overton Street	Harry C. Robinson

2720 Overton Street
2430 Paris Street
921 Railroad Avenue
504 Scallan Street
1203 Willow Glen River Road
2327 Wise Street (Larvadain abstained)
2704 Wise Street
730 Woodard Street

James P. Clinton
Joseph Wardsworth
Joyce Ann Clinton-Naquin
Lula Mae Booze
Mississippi Land Co., Inc.
Benjamin Bayone
Henry George
Willie Whittington

BE IT FURTHER RESOLVED, etc., that the Order of Condemnation is final for the Properties and parcels listed above and shall be enforceable in accordance with the laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 7th day of March, 2017.

/s/ Donna Jones

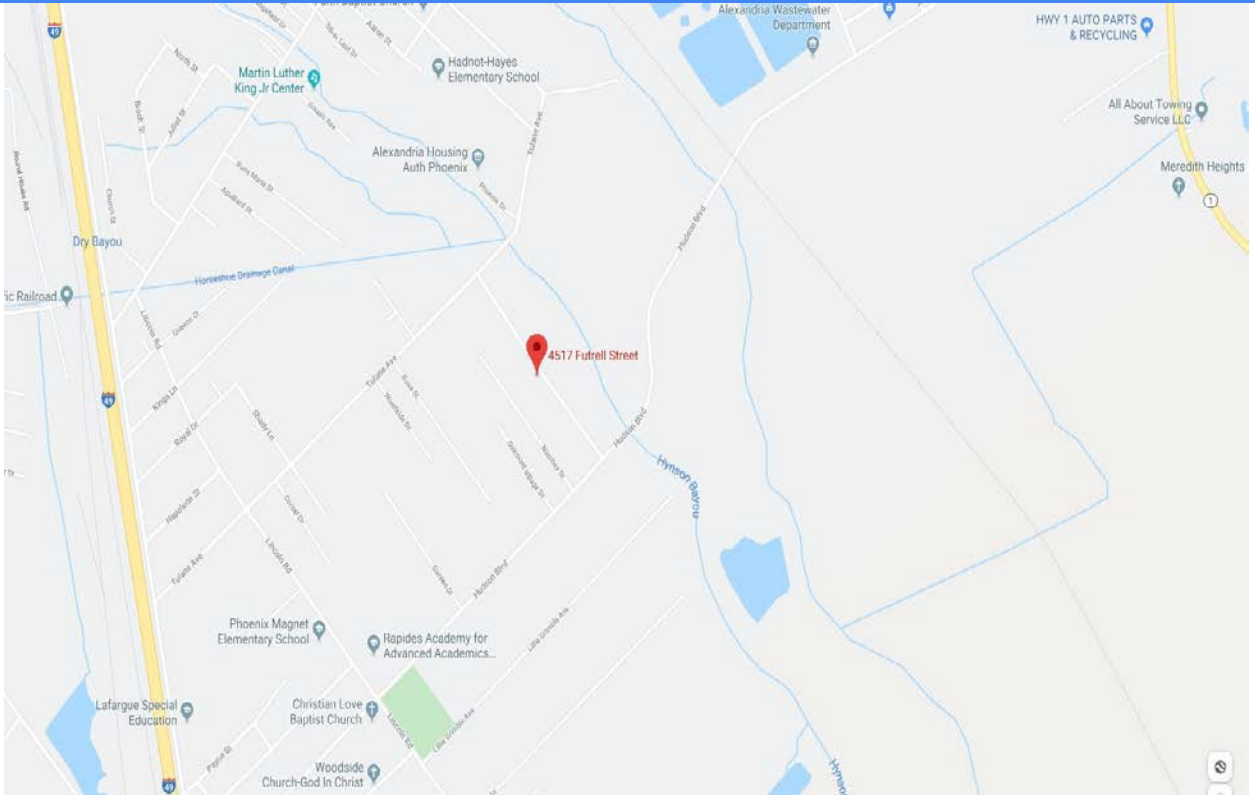
City Clerk

STATE OF LOUISIANA, PARISH OF RAPIDES
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND CORRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF
OFFICE, AT ALEXANDRIA, LOUISIANA, THIS 15
DAY OF March, A.D., 2017
BY Robin Hoover
CLERK OF COURT

CD-12790
4517 Futrell Street



31°16'21.2"N 92°25'32.5"W



Asbestos Survey Report

Residential Structure (CD12790)
4517 Futrell Street
Alexandria, Louisiana

November 7, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials

November 7, 2019



City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12790)
4517 Futrell Street
Alexandria, Louisiana
Terracon Project No. BB197056

Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 10, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details. It should be noted that the structure was observed by Terracon to be largely unsafe for continued occupancy that may be required for abatement. Therefore, Terracon recommends the structure be demolished in its entirety as RACM.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,

Terracon Consultants, Inc.

A handwritten signature in blue ink, appearing to read "Steven Latiolais".

Steven Latiolais
Staff Industrial Hygienist

A handwritten signature in blue ink, appearing to read "Zack L. Dial".

Zack L. Dial
Senior Engineer

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APPENDIX C	Photographs of Select Homogeneous Areas
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ABESTOS SURVEY REPORT
Residential Structure (CD12790)
4517 Futrell Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 7, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 10, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 850 square-foot, single-story, pier-an-beam structure with a wood frame and wood exterior. At the time of the survey, the structure was largely damaged throughout, with failing flooring and roof. Internal floors consisted of wood and sheet flooring. Walls and ceilings consisted of wood.

Asbestos Survey Report

4517 Futrell Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

4517 Futrell Street ■ Alexandria, Louisiana

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Fifteen (15) samples were collected from five (5) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

4517 Futrell Street ■ Alexandria, Louisiana
November 7, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

4517 Futrell Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Regulated Asbestos Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

Laboratory analysis confirmed the following asbestos-containing friable materials:

- Multi-colored sheet flooring
- White window glazing

It should be noted that the structure was observed by Terracon to be largely unsafe for continued occupancy that may be required for abatement. Therefore, Terracon recommends the structure be demolished in its entirety as RACM. Therefore, all sections of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. The AAC-2a form must be on site during all RACM activities.

5.2 Special Conditions

The window glazing was indicated via PLM with <1% chrysotile. While this does not meet the definition of ACM, the asbestos concentration was not verified by 400 Point Count methodology. Therefore, it must be classified as ACM.

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

Asbestos Survey Report

4517 Futrell Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
SUMMARY OF ASBESTOS CONTAINING MATERIALS
4517 Futrell Street
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
03	Multi-colored sheet flooring	2	RACM	Significantly Damaged	Yes	20% Chrysotile	850 SF
05	White window glazing	Windows	RACM	Significantly Damaged	Yes	<1% Chrysotile*	8 Windows

* = Not confirmed via 400 Point Count, therefore ACM.
RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
4517 Futrell Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	Black vapor barrier	Throughout	Significantly Damaged	None Detected
	01-02				None Detected
	01-03				None Detected
02	02-04	Gray blown in insulation	Throughout	Significantly Damaged	None Detected
	02-05				None Detected
	02-06				None Detected
03	03-07	Multi-colored sheet flooring	2	Significantly Damaged	20% Chrysotile
	03-08				Not Analyzed (Positive Stop)
	03-09				Not Analyzed (Positive Stop)
04	04-10	Black roofing shingles	Roof	Significantly Damaged	None Detected
	04-11				None Detected
	04-12				None Detected
05	05-13	White window glazing	All windows	Significantly Damaged	<1% Chrysotile
	05-14				<1% Chrysotile
	05-15				<1% Chrysotile

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929877

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 4517 Futrell - BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/11/2019 9:20 AM

Analysis Date: 10/19/2019

Collected Date: 10/10/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01 <small>041929877-0001</small>	4517 Futrell - 1 - Black Vapor Barrier	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
01-02 <small>041929877-0002</small>	4517 Futrell - Ext - Black Vapor Barrier	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
01-03 <small>041929877-0003</small>	4517 Futrell - Ext - Black Vapor Barrier	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
02-04 <small>041929877-0004</small>	4517 Futrell - 1 - Gray Blown-in Insulation	Gray Fibrous Homogeneous	5% Cellulose 90% Min. Wool	5% Non-fibrous (Other)	None Detected
02-05 <small>041929877-0005</small>	4517 Futrell - 2 - Gray Blown-in Insulation	Gray Fibrous Homogeneous	5% Cellulose 90% Min. Wool	5% Non-fibrous (Other)	None Detected
02-06 <small>041929877-0006</small>	4517 Futrell - 3 - Gray Blown-in Insulation	Gray Fibrous Homogeneous	90% Min. Wool	10% Non-fibrous (Other)	None Detected
03-07 <small>041929877-0007</small>	4517 Futrell - 2 - Multicolored Sheet Flooring	Various Fibrous Homogeneous		80% Non-fibrous (Other)	20% Chrysotile
03-08 <small>041929877-0008</small>	4517 Futrell - 2 - Multicolored Sheet Flooring				Positive Stop (Not Analyzed)
03-09 <small>041929877-0009</small>	4517 Futrell - 2 - Multicolored Sheet Flooring				Positive Stop (Not Analyzed)
04-10 <small>041929877-0010</small>	4517 Futrell - Roof - Black Roof Shingles	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
04-11 <small>041929877-0011</small>	4517 Futrell - Roof - Black Roof Shingles	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
04-12 <small>041929877-0012</small>	4517 Futrell - Roof - Black Roof Shingles	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
05-13 <small>041929877-0013</small>	4517 Futrell - Ext - White Window Glazing	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
05-14 <small>041929877-0014</small>	4517 Futrell - Ext - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
05-15 <small>041929877-0015</small>	4517 Futrell - Ext - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile

Initial report from: 10/19/2019 16:13:45



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929877

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Analyst(s)

Christina Maiorana (9)

Gregory Barry (4)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 10/19/2019 16:13:45



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041929877

Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Company: Terracon		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 524 Elmwood Park Boulevard Suite 170		Third Party Billing requires written authorization from third party	
City: New Orleans	State/Province: LA	Zip/Postal Code: 70123	Country: US
Report To (Name): Steven Latiolais		Telephone #: 504-818-3638	
Email Address: steven.latiolais@terracon.com		Fax #:	Purchase Order:
Project Name/Number: 4517 Futrell/BB197056		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: LA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

- 3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PLM - Bulk (reporting limit)	TEM - Bulk
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NY ELAP Method 198.1 (friable in NY) <input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY) <input type="checkbox"/> OSHA ID-191 Modified <input type="checkbox"/> Standard Addition Method	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1 <input type="checkbox"/> NY ELAP Method 198.4 (TEM) <input type="checkbox"/> Chatfield Protocol (semi-quantitative) <input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2 <input type="checkbox"/> TEM Qualitative via Filtration Prep Technique <input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique Other <input type="checkbox"/>

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: 10/10/19

Samplers Name: Steven Latiolais Samplers Signature: *[Signature]*

Sample #	HA #	Sample Location	Material Description
		Please see attached.	

RECEIVED
 EMSL
 CINNAMINSON, N.J.
 2019 OCT 11 AM 9:38

Client Sample # (s):	-	Total # of Samples: (15)
Relinquished (Client): <i>[Signature]</i> Fedex	Date: 10/10/19	Time: 1700
Received (Lab): <i>[Signature]</i>	Date: 10-11-19	Time: 9:10a

Comments/Special Instructions:
 Bill To: Terracon, 524 Elmwood Park Boulevard, Suite 170, New Orleans, LA, 70123, US
 Attention: Steven Latiolais Phone: 504-818-3638 Email: Steven.Latiolais@terracon.com Purchase Order:

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: Black vapor barrier.



View of HA-02: Gray blown in insulation.



View of HA-03: Multi-colored sheet flooring .

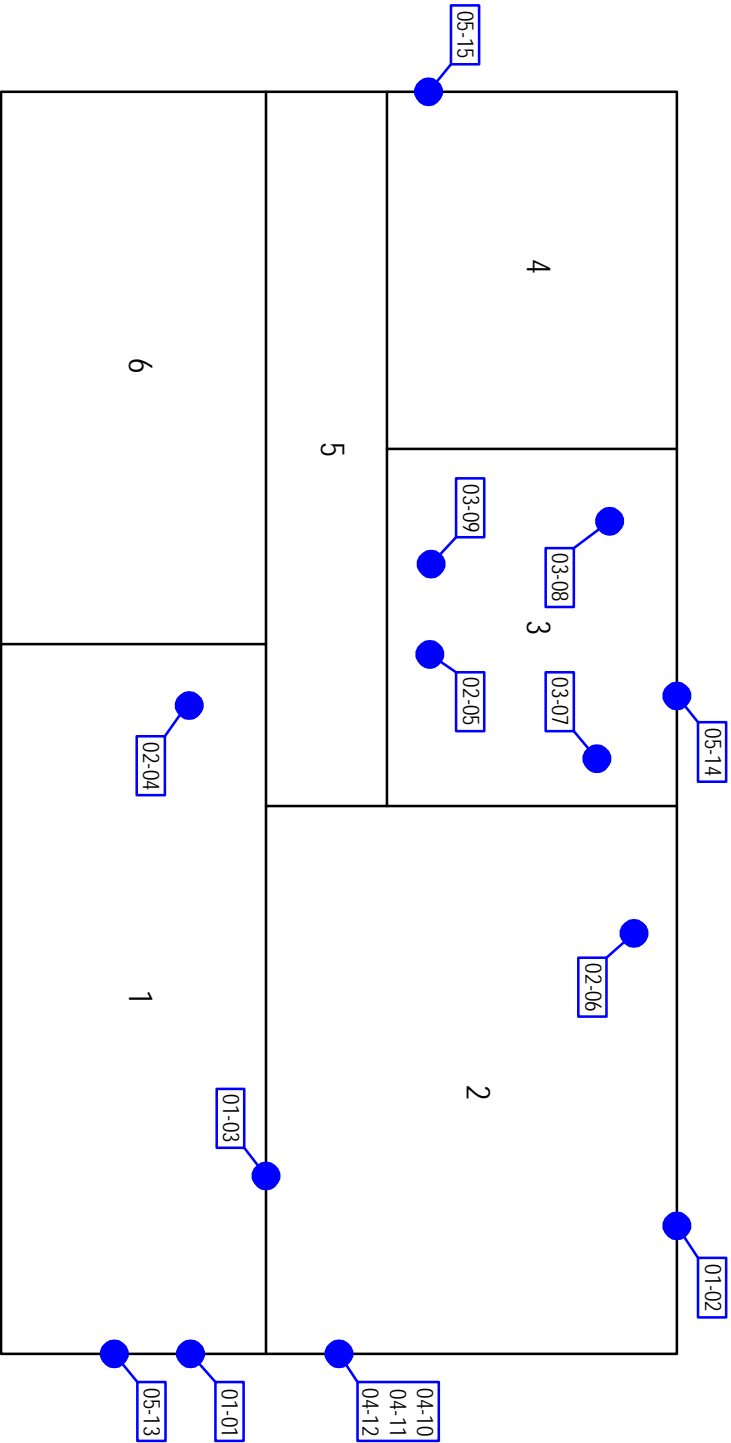


View of HA-04: Black roofing shingles.



View of HA-05: White window glazing.

APPENDIX D
EXHIBITS



FUTRELL ST.

LEGEND

● ASBESTOS BULK
SAMPLE LOCATIONS

Project No:	BB197056	 Consulting Engineers and Scientists	4517 FUTRELL ST. - BULK SAMPLE LOCATIONS LIMITED ASBESTOS SURVEY CITY OF ALEXANDRIA - 4517 FUTRELL ST. - CD12790 4517 FUTRELL STREET ALEXANDRIA, LOUISIANA	EXHIBIT
Project Name:	SML			
Scale:	NOT TO SCALE			
Drawn By:	AMM	File No:	SAMPLELOC.dwg	1
Checked By:	SML	Date:	OCTOBER 2019	
Approved By:	ZLD			
524 ELWOOD PARK BLVD NEW ORLEANS, LA 70123 (504) 818-3638		(504) 818-3890		

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

**Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division**

Issued Date: 21 June 2019
Effective Date: July 1, 2019
Expiration Date: June 30, 2020
Certificate Number: 04127



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

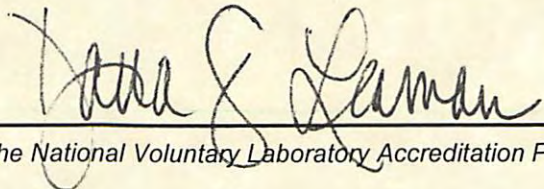
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

- Emergency** Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. **Explanation to justify your emergency request must be provided** (see Section XIV).
- Revision** ADVF #s to be revised _____
- Cancellation** ADVF #s to be canceled _____

I. Type of Notification (check only one box) <input checked="" type="checkbox"/> Original <input type="checkbox"/> Disposal Only <input type="checkbox"/> Additional Latest ADVF# Issued _____ <input type="checkbox"/> Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).	
II. Type of Operation (check only one box) <input type="checkbox"/> Reno & Demo (ACM or RACM removal & subsequent demo) <input type="checkbox"/> Renovation <input type="checkbox"/> ACDA <input checked="" type="checkbox"/> RACM Demo (entire structure treated as RACM) <input type="checkbox"/> Response Action (schools, state, public or commercial bldgs.) Is structure being demolished under order of a state or local government agency? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Complete Sec. XIII)	
III. Facility Description	
Facility Name <u>Residential Structure</u>	Project Designer Info (schools, state, public or commercial buildings)
Physical Address <u>4517 Futrell Street</u>	Name _____
City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u>	LA Accred. No. _____
Parish <u>Rapides</u>	Building Size (sq. ft.) <u>850</u>
Owner Name _____	No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u>
Contact Name _____	Location on site (Bldg, Floor, Room, etc.) where work is done <u>Structure will be razed.</u>
Mailing Address _____	Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input checked="" type="checkbox"/> Other <u>Blighted structure</u>
City _____ State _____ Zip _____	Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input type="checkbox"/> Other _____
Contact Phone () _____	
Contact Email _____	

IV. Determination of Asbestos Present **Known or Assumed Asbestos Present** (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ

Inspector's Accred. No. MI200658 Lab Accred. No. 131900

Inspection Date 10/10/2019 (mm/dd/yy) Analysis Date 10/19/2019 (mm/dd/yy)

Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

- Attach the following copies:
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____
Amount of Asbestos Material	_____ Linear Feet _____ Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard *ACD = Asbestos-contaminated Debris	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name _____ On-site Supervisor's Name _____

LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____

Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)

City _____ State _____ Zip _____ Contact Name _____

Phone () _____ ‡A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____

Mailing Address _____ Contact Email _____

City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____
LDEQ SW Transporter No. T- _____ Contact Email _____
Mailing Address _____ Contact Phone () _____
City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

SW Transporter Name _____ Physical Location of Non-processing Transfer Station _____
LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____
Mailing Address _____ Contact Name _____
City _____ State _____ Zip _____ Contact Email _____
Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____
Physical Address _____ Contact Phone () _____
City _____ State _____ Zip _____ Mailing Address _____
City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency City of Alexandria, LA
Representative Name Kenna Lavalais Government Agency Community Development Department
Representative's Title Demolition Program Manager
Date Issued March 7, 2017 (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). City Resolution 9633-2017

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi) _____

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components _____

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1).
No vouchers will be accepted for emergencies.
NO FEE For revisions or cancellations.

Submittal Information

- **For Emergencies** - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- **For Non-emergencies** - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9633-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 142 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 142 structures.

Removal-demolition by owner

BE FURTHER RESOLVED, etc., that on recommendation of the Community Development Administrator the following structures because of actions by owners who have hired State Licensed Contractors, secured permits & have completed works or secured permits are removed from this condemnation list

- 1) 4321 3rd Street – Kirklin Construction, demolition complete
- 2) 1947 Overton Street - Lathan Construction, demolition complete
- 3) 1953 Overton Street - Lathan Construction, demolition complete
- 4) 1957 Overton Street - Lathan Construction, demolition complete
- 5) 1963 Overton Street - Lathan Construction, demolition complete

Removed – incorrect address

- 6) 5211 Lincoln Road – incorrect address submitted in original list.

Continuance of Council action to consider Condemnations

The following property owners hired State licensed Contractors to secure permits: (work to be completed by 3/31/2017)

- 1) 2904 3rd Street -Veal Construction, Demo Permit issued.
- 2) 2211 Broadway Avenue - Grant Eastern, Demo Permit issued.
- 3) 1626 Dallas Avenue - Grant Eastern, Demo Permit issued.
- 4) 2924 Lee Street -Alliance Design, working on construction drawings.
- 5) 2307 Memphis Street -Veal Construction, Rehab Permit issued.
- 6) 4012 Morris Street - Lathan Construction, Demo Permit issued,

BY
 CLERK & RECORDER
 RAPIDES PARISH, LA
 17 MAR 14 PM 1:55
 FILED & RECORDED
 ROBYN L. HOOTER
 RECORDER
 1597800

765-
 14-

- 7) 341 North 17th Street - Lathan Construction, Demo Permit issued.
- 8) 2806 Overton Street -Tennie Construction, Rehab Permit issued.
- 9) 1506 Park Avenue - Larwood Construction, Rehab Permit issued.
- 10) 2518 Wise Street -Tennie Construction, Rehab Permit issued.

30 days extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **April 18, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1720 Albert Street	Patrick LaCour
1758 Albert Street	Wasmer Properties, LLC
2024 Harris Street	Tameisha & Melvin Sigur
2302 Lee Street	Tameisha & Melvin Sigur
2243 Overton Street	Tameisha & Melvin Sigur
1512 Shirland Avenue	Felicia Dausat
3933 Clinton Street	Oscar & Dorothy Jones

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on April 18, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

60 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **May 16, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repaired and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
2129 3 rd Street	Newton Collier
1430 5 th Street	Bernadette S. Baker
2524 8 th Street	Marie C. Allen
312 Bogan Street	C E S R LLC, Clarence Spottsville
118 Cottage Street	Kenneth Wayne Joseph
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
1779 Mason Street	Stanford Joseph
2530 Memphis, Unit A & B	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
417 Newman Street	Mark Fairley, ET AL
3022 Houston Street	Deborrah Phoenix Jones
2742 10 th Street	Thoma Cherneva

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on May 16, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

90 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **June 13, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue (Larvadain abstained)	David A. Sheffield
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 13, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on March 7, 2017, the facts justifying Condemnation of the structures and improvements for the following properties, the law and evidence being in favor of Condemnation of the property it is Ordered the following properties are each **condemned** and shall be demolished and removed by the City or its agents within Sixty(60) days of this Order or otherwise within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
2424 3 rd Street	Page Livingston
3617 4 th street	Bakies Properties, LLC
3621 4 th street	Jerry Pearson
3108 9 th street	Alpha Capital/BMO Harris
3112 9 th street	Alice Hammond
3110 9 th Street	Frank R. Bordelon
3723 11 th street	Agnes Wallace
2447 Alma Street	Jerry Johnson
4110 Balentine Street	Colonial Financial Service Inc
99B Bertie Street	Walter Reynolds

1326 Charlton Street	Elsie H. Ryland
3925 Clinton Street	Henry Joffrion
1117 Cole Street	Leontina Dauzat
1119 Cole Street	Leontina Dauzat
2027 East Texas Avenue	Midwest Management
56 Eastwood Boulevard	Tri Brewer
1204 Fenner Street	Don Thompson
4517 Futrell Street	Willie M. Pickens
405 Gabriel Lane	Shirley Johnson
3008 Houston Street	Willie Wilson
3149 Houston Street	Savannah Webber
3305 Hudson Boulevard	Delwin Eldridge
3331 Hudson Boulevard	Rodney Taylor
311 John Thomas Street	Thomas Farace
5503 Jube Street	Michael Tennie
3520 Laurel Street	Donald Medica
717 Leland Street	Henry Weekly
4206 Lincoln Road	Lillian Davis
2533 Main Street	Washington Bush
116 Mary Lane	Bakies Properties, LLC
314 Marye Court	Kylie R. Larwood
2008 Mason Street	McErvin Howard, Sr. EST
2219 Mill Street	Dominic Robinson
208 1/2 North 13 th Street	Jerry Larwood
2803 Overton Street	Jerry & Rhonda Hughes

2426 Paris Street	Midwest Management US Bank
3404 Raymo Drive	Betty Givens & Charlie Johnson
342 Rosewood Drive	Randy L. Michiels
1530 Turner Street	James Price
2515 Wise Street	Curtisteen Matthews
524 Woodard Street	Alice Hammond
2401 3 rd Unit A Street	Nick Chenvert
2401 3 rd Unit B Street	Nick Chenvert
2603 3 rd Street	Annie Mae King
3120 3 rd street	Alice Hammond
2908 4 th Street	Harry Jackson
2634 6 th Street	Jessie Aaron
2641 8 th Street	Luster R. Smith
2516 12 th Street	Bessie Burrell
2544 12 th Street	Leon Rose
1015 Augusta Avenue	Leonard Johnson
97 Bertie Street	Walter Reynolds
3208 Bloch Street	Clifton Morris
5230 Broadmoor Court	Ray Rolan Chandler
832 Broadway Avenue	Elks Hub City Lodge #646
5211 Crestwood Drive	Clyde G. & Francine Wilson
1030 Dallas Avenue	Ora Butler
319 Daspit Street	Ralph & Emma McCoy
628 Douglas Street	Cole Rosa Lee Brooks
5137 Edward Avenue	Linda Smith Scott

1321 Fenner Street	Bessie Morris
3611 Hollywood Drive	Ivory Grant
2828 Houston Street	Jacquelin Freeman
3201 Hudson Boulevard	Rex H. Countee
1510 Huffman Street	Lucy B. Russaw
1512 Huffman Street	Virginia Harvey
821 John Thomas	Lucille Green
2145 Lee Street	Pharrow Perkins
604 Leonard Street	Rosa M. McCoy
1904 Levin Street	Russell J. Walker
1912 Levin Street	Louis H. Taylor/Frankie Mae Hall
2636 Main Street	Carrie C. Small
2716 Main Street	Lucille Taffaro
316 Marye Court	The Money Shack, LLC
2054 Mason Street	Herman Davis Burrell
2095 Mason Street	Rosemary Dauzart
209 North 15 th Street	Jerry Larwood
2040 Overton Street	Mary Cataldie
2069 Overton Street	Thomas J. Atkins
2213 Overton Street	Gertrude Quinney
2217 Overton Street	Bessie M. Vallery
2332 Overton Street	Joyce R.F. Sandifer
2437 Overton Street	Everett Hobbs
2441 Overton Street	Sir Welton Hobbs
2608 Overton Street	Harry C. Robinson

2720 Overton Street
2430 Paris Street
921 Railroad Avenue
504 Scallan Street
1203 Willow Glen River Road
2327 Wise Street (Larvadain abstained)
2704 Wise Street
730 Woodard Street

James P. Clinton
Joseph Wardsworth
Joyce Ann Clinton-Naquin
Lula Mae Booze
Mississippi Land Co., Inc.
Benjamin Bayone
Henry George
Willie Whittington

BE IT FURTHER RESOLVED, etc., that the Order of Condemnation is final for the Properties and parcels listed above and shall be enforceable in accordance with the laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 7th day of March, 2017.

/s/ Donna Jones

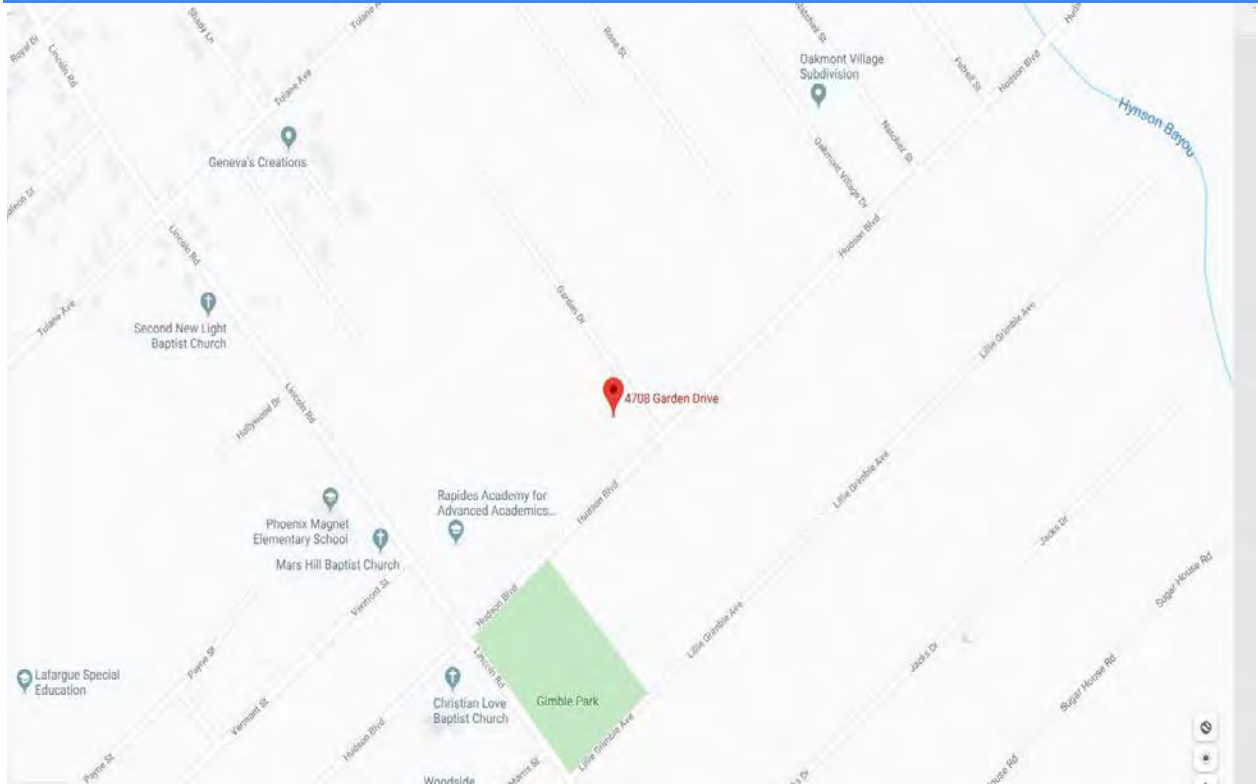
City Clerk

STATE OF LOUISIANA, PARISH OF RAPIDES
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND CORRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF
OFFICE, AT ALEXANDRIA, LOUISIANA, THIS 15
DAY OF March, A.D., 2017
BY [Signature]
DY. CLERK OF COURT

CD-12667
4708 Garden Street



31°16'02.9"N 92°25'43.0"W



Asbestos Survey Report

Residential Structure (CD12667)
4708 Garden Street
Alexandria, Louisiana

November 7, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 7, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12667)
4708 Garden Street
Alexandria, Louisiana
Terracon Project No. BB197056


Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 10, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.


Steven Latiolais
Staff Industrial Hygienist



Zack L. Dial
Senior Engineer

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APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12667)
4708 Garden Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 7, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 10, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,200 square-foot, single-story, slab-on-grade structure with a wood frame and brick veneer. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood, and walls and ceilings consisted of wood and/or drywall system wallboard.

Asbestos Survey Report

4708 Garden Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

4708 Garden Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



Twenty-four (24) samples were collected from eight (8) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

4708 Garden Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

4708 Garden Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Regulated Asbestos Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

Laboratory analysis confirmed the following asbestos-containing friable materials:

- White wallboard texture
- Fiber backing associated with yellow sheet flooring
- White heat shield

As the results of this survey indicated the structure contains RACM, all section of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. Upon proper notification, the LDEQ will issue an ADVF to provide approval to begin activities and to ensure that the ACM is removed and disposed of properly. The AAC-2a form must be on site during all RACM removal activities.

5.2 Special Conditions

Asbestos was identified in concentrations greater than 1% in joint compound associated with drywall ceiling systems within the subject structure (Samples 02-04, 02-05, 02-06). However, the composite PLM sample analysis of the drywall and joint compound was less than 1%; therefore, the drywall and joint compound system is not considered ACM per NESHAP. However, the OSHA Asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos regardless of concentration. 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 disturbance of this material has the potential to result in the release of airborne asbestos fibers.

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 prove otherwise.

Asbestos Survey Report

4708 Garden Street ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
CONFIRMED ASBESTOS CONTAINING MATERIALS
4708 Garden Street
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
02	White wallboard texture	Throughout	RACM	Significantly Damaged	Yes	2% Chrysotile	2,000 SF
03	Yellow sheet flooring with fiber backing	5	RACM	Significantly Damaged	Yes	60% Chrysotile	200 SF
06	White heat shield	12	RACM	Significantly Damaged	Yes	65% Chrysotile	1.5 SF

RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
4708 Garden Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	Black sleeper tar underneath wooden floors	Throughout	Good	None Detected
	01-02				None Detected
	01-03				None Detected
02	02-04	White wallboard with joint compound and texture	Throughout	Damaged	Wallboard – None Detected Joint Compound – 2% Chrysotile Texture – 2% Chrysotile Composite – <1%
	02-05				Wallboard – None Detected Joint Compound – Not Analyzed (Positive Stop) Texture – Not Analyzed (Positive Stop) Composite – <1%
	02-06				Wallboard – None Detected Joint Compound – Not Analyzed (Positive Stop) Texture – Not Analyzed (Positive Stop) Composite – <1%
03	03-07	Yellow sheet flooring with fiber backing	5	Significantly Damaged	Flooring – None Detected Fiber Backing – 60% Chrysotile
	03-08				Flooring – None Detected Fiber Backing – Not Analyzed (Positive Stop)
	03-09				Flooring – None Detected Fiber Backing – Not Analyzed (Positive Stop)
04	04-10	Brown blown in insulation	Throughout	Significantly Damaged	None Detected
	04-11				None Detected
	04-12				None Detected

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
4708 Garden Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
05	05-13	White 1'x1' ceiling tiles	6, 7	Significantly Damaged	None Detected
	05-14				None Detected
	05-15				None Detected
06	06-16	White heat shield	12	Significantly Damaged	65% Chrysotile
	06-17				Not Analyzed (Positive Stop)
	06-18				Not Analyzed (Positive Stop)
07	07-19	Light brown 12"x12" floor tile with yellow glue	1	Significantly Damaged	Tile – None Detected Glue – None Detected
	07-20				Tile – None Detected Glue – None Detected
	07-21				Tile – None Detected Glue – None Detected
08	08-22	Black roof shingles and felt paper	Roof	Damaged	Shingle – None Detected Felt – None Detected
	08-23				Shingle – None Detected Felt – None Detected
	08-24				Shingle – None Detected Felt – None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929883

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 4708 Garden - BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/11/2019 9:20 AM

Analysis Date: 10/17/2019 - 10/28/2019

Collected Date: 10/10/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01 041929883-0001	4708 Garden - 14 - Black Sleeper Tar underneath Wood Floors	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-02 041929883-0002	4708 Garden - 4 - Black Sleeper Tar underneath Wood Floors	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-03 041929883-0003	4708 Garden - 9 - Black Sleeper Tar underneath Wood Floors	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04-Wallboard 041929883-0004	4708 Garden - 14 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
02-04-Joint Compound 041929883-0004A	4708 Garden - 14 - Joint Compound	White Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
02-04-Texture 041929883-0004B	4708 Garden - 14 - Texture	White Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
02-04-Composite 041929883-0004C	4708 Garden - 14 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
02-05-Wallboard 041929883-0005	4708 Garden - 2 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
02-05-Joint Compound 041929883-0005A	4708 Garden - 2 - Joint Compound				Positive Stop (Not Analyzed)
02-05-Texture 041929883-0005B	4708 Garden - 2 - Texture				Positive Stop (Not Analyzed)
02-05-Composite 041929883-0005C	4708 Garden - 2 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
02-06-Wallboard 041929883-0006	4708 Garden - 9 - White Wallboard	Brown/White Fibrous Homogeneous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
02-06-Joint Compound 041929883-0006A	4708 Garden - 9 - Joint Compound				Positive Stop (Not Analyzed)
02-06-Texture 041929883-0006B	4708 Garden - 9 - Texture				Positive Stop (Not Analyzed)
02-06-Composite 041929883-0006C	4708 Garden - 9 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile

Report amended: 10/28/2019 10:05:00 Replaces amended report from: 10/18/2019 07:58:00 Reason Code: Client-Additional Analysis



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929883
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
03-07-Sheet Flooring <i>041929883-0007</i>	4708 Garden - 5 - Yellow Sheet Flooring	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-07-Backing <i>041929883-0007A</i>	4708 Garden - 5 - Fiber Backing	Gray Fibrous Homogeneous		40% Non-fibrous (Other)	60% Chrysotile
03-07-Mastic <i>041929883-0007B</i>	4708 Garden - 5 - Black Mastic				Insufficient Material
03-08-Sheet Flooring <i>041929883-0008</i>	4708 Garden - 5 - Yellow Sheet Flooring	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-08-Backing <i>041929883-0008A</i>	4708 Garden - 5 - Fiber Backing				Positive Stop (Not Analyzed)
03-08-Mastic <i>041929883-0008B</i>	4708 Garden - 5 - Black Mastic				Insufficient Material
03-09-Sheet Flooring <i>041929883-0009</i>	4708 Garden - 5 - Yellow Sheet Flooring	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-09-Backing <i>041929883-0009A</i>	4708 Garden - 5 - Fiber Backing				Positive Stop (Not Analyzed)
03-09-Mastic <i>041929883-0009B</i>	4708 Garden - 5 - Black Mastic				Insufficient Material
04-10 <i>041929883-0010</i>	4708 Garden - 3 - White Blown-in Insulation	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
04-11 <i>041929883-0011</i>	4708 Garden - 9 - White Blown-in Insulation	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
04-12 <i>041929883-0012</i>	4708 Garden - 7 - White Blown-in Insulation	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
05-13 <i>041929883-0013</i>	4708 Garden - 7 - White 1' x 1' Ceiling Tiles	Brown/White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
05-14 <i>041929883-0014</i>	4708 Garden - 7 - White 1' x 1' Ceiling Tiles	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
05-15 <i>041929883-0015</i>	4708 Garden - 6 - White 1' x 1' Ceiling Tiles	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
06-16 <i>041929883-0016</i>	4708 Garden - 12 - White Heat Shield	White Fibrous Homogeneous		35% Non-fibrous (Other)	65% Chrysotile
06-17 <i>041929883-0017</i>	4708 Garden - 12 - White Heat Shield				Positive Stop (Not Analyzed)
06-18 <i>041929883-0018</i>	4708 Garden - 12 - White Heat Shield				Positive Stop (Not Analyzed)
07-19-Floor Tile <i>041929883-0019</i>	4708 Garden - 1 - Light Brown 12" x 12' Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Report amended: 10/28/2019 10:05:00 Replaces amended report from: 10/18/2019 07:58:00 Reason Code: Client-Additional Analysis



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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
07-19-Glue <i>041929883-0019A</i>	4708 Garden - 1 - Yellow Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-20-Floor Tile <i>041929883-0020</i>	4708 Garden - 1 - Light Brown 12" x 12' Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-20-Glue <i>041929883-0020A</i>	4708 Garden - 1 - Yellow Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-21-Floor Tile <i>041929883-0021</i>	4708 Garden - 1 - Light Brown 12" x 12' Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-21-Glue <i>041929883-0021A</i>	4708 Garden - 1 - Yellow Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-22-Roof Shingle <i>041929883-0022</i>	4708 Garden - Roof - Black Roof Shingle	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
08-22-Felt Paper <i>041929883-0022A</i>	4708 Garden - Roof - Felt Paper	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
08-23-Roof Shingle <i>041929883-0023</i>	4708 Garden - Roof - Black Roof Shingle	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
08-23-Felt Paper <i>041929883-0023A</i>	4708 Garden - Roof - Felt Paper	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
08-24-Roof Shingle <i>041929883-0024</i>	4708 Garden - Roof - Black Roof Shingle	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
08-24-Felt Paper <i>041929883-0024A</i>	4708 Garden - Roof - Felt Paper	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected

Analyst(s) _____

- Erica Valent (22)
- Gregory Barry (9)
- Seri Smith (3)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Report amended: 10/28/2019 10:05:00 Replaces amended report from: 10/18/2019 07:58:00 Reason Code: Client-Additional Analysis

4708 Garden

4708 Garden



Asbestos Bulk Sample Log & Chain

custody Form

Lab Use Only:

Select a Laboratory:

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location:

Page _____ of _____

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	4708 Garden - 19	Black Sleeper Tar underneath Wood Floors	Throughout	2500 SF	G D SD
01-02	4708 Garden - 19				
01-03	4708 Garden - 19				
02-04	4708 Garden - 19	White Wall board w/ Joint Compound & Texture	Throught	2000 SF	G D SD
02-05	4708 Garden - 19				
02-06	4708 Garden - 19				
03-07	4708 Garden - 19	Yellow Sheet Flooring w/ Fiber Backing & Black Mastic	S	200 SF	G D SD
03-08	4708 Garden - 19				
03-09	4708 Garden - 19				
04-10	4708 Garden - 19	White Blown-In Insulation	Throughout	2500 SF	G D SD
04-11	4708 Garden - 19				
04-12	4708 Garden - 19				
05-13	4708 Garden - 19	White 1'x1' Ceiling Tiles	627	250 SF	G D SD
05-14	4708 Garden - 19				
05-15	4708 Garden - 19				
06-16	4708 Garden - 19	White Heat Shield	12	1 Heat	G D SD
06-17	4708 Garden - 19				
06-18	4708 Garden - 19				
07-19	4708 Garden - 19	Light Brown 12"x12" Floor Tile w/ Yellow Glue	1	50 SF	G D SD
07-20	4708 Garden - 19				
07-21	4708 Garden - 19				

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2019 OCT 11 AM 9:35

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: Black sleeper tar underneath wooden floors.



View of HA-02: White wallboard with joint compound and texture.



View of HA-03: Yellow sheet flooring with fiber backing.



View of HA-04: Brown blown in insulation.



View of HA-05: White 1'x1' ceiling tiles.



View of HA-06: White heat shield.



View of HA-07: Light brown 12"x12"
floor tile with yellow glue.



View of HA-08: Black roof shingles
and felt paper.

APPENDIX D
EXHIBITS

**ASBESTOS BULK
SAMPLE LOCATIONS**

LEGEND

Project Mgr:	SML
Drawn By:	AMM
Checked By:	SML
Approved By:	ZLD

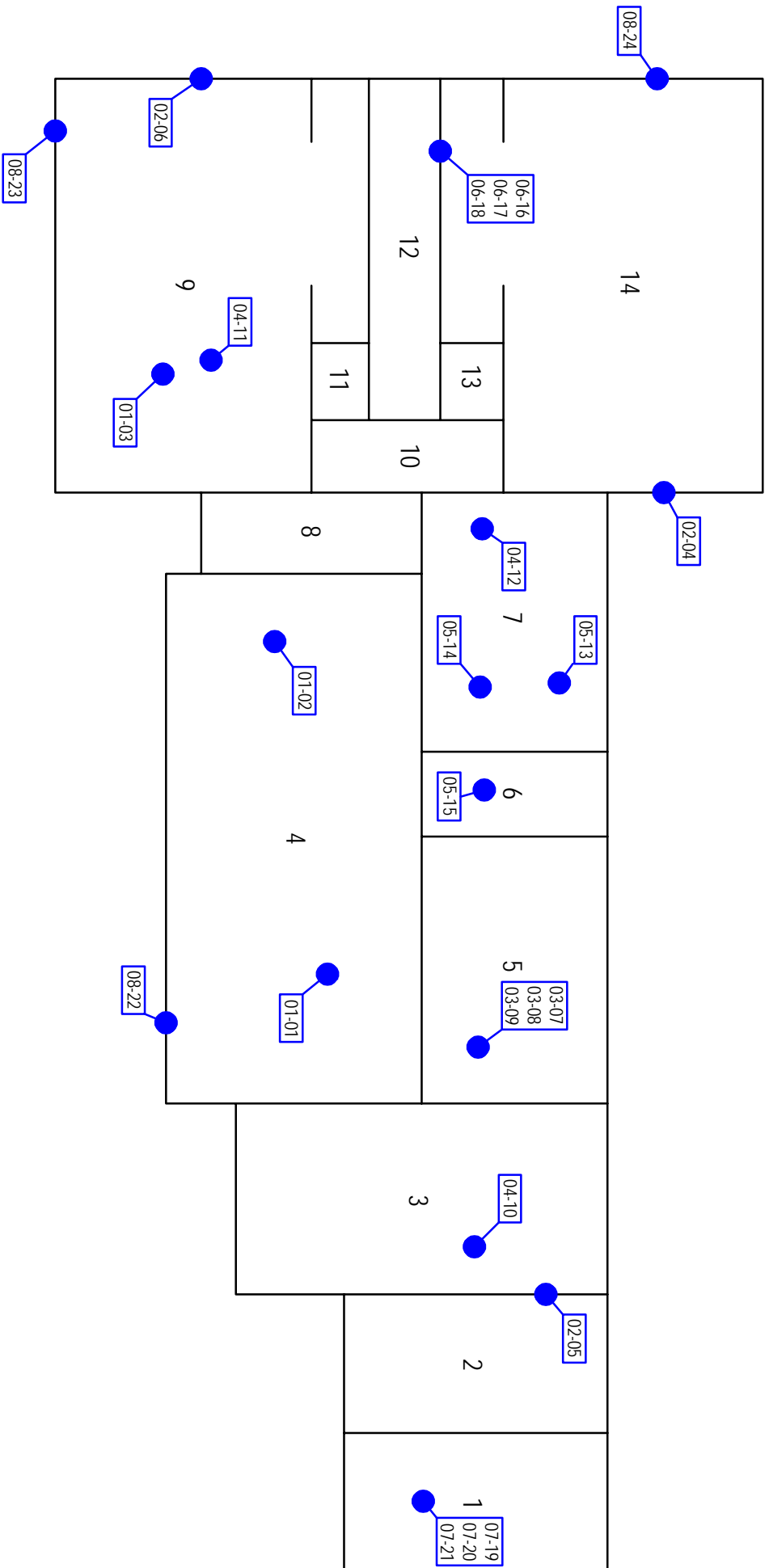
Project No.	BB197056
Scale:	NOT TO SCALE
File No.	SAMPLELOC.dwg
Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists
524 ELMWOOD PARK BLVD NEW ORLEANS, LA 70123
(504) 818-3638

4708 GARDEN ST. - BULK SAMPLE LOCATIONS
LIMITED ASBESTOS SURVEY
CITY OF ALEXANDRIA - 4708 GARDEN ST. - CD12667
4708 GARDEN STREET
ALEXANDRIA, LOUISIANA

EXHIBIT
1

GARDEN ST.



APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:1.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

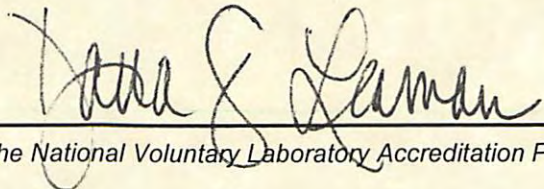
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

- Emergency** Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. **Explanation to justify your emergency request must be provided** (see Section XIV).
- Revision** ADVF #s to be revised _____
- Cancellation** ADVF #s to be canceled _____

I. Type of Notification (check only one box) <input checked="" type="checkbox"/> Original <input type="checkbox"/> Disposal Only <input type="checkbox"/> Additional Latest ADVF# Issued _____ <input type="checkbox"/> Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).																			
II. Type of Operation (check only one box) <input checked="" type="checkbox"/> Reno & Demo (ACM or RACM removal & subsequent demo) <input type="checkbox"/> Renovation <input type="checkbox"/> ACDA <input type="checkbox"/> RACM Demo (entire structure treated as RACM) <input type="checkbox"/> Response Action (schools, state, public or commercial bldgs.) Is structure being demolished under order of a state or local government agency? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Complete Sec. XIII)																			
III. Facility Description Facility Name <u>Residential Structure</u> Project Designer Info (schools, state, public or commercial buildings) Physical Address <u>4708 Garden Street</u> Name _____ City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u> LA Accred. No. _____ Parish <u>Rapides</u> Building Size (sq. ft.) <u>1,200</u> Owner Name _____ No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u> Contact Name _____ Location on site (Bldg, Floor, Room, etc.) where work is done <u>Structure will be razed.</u> Mailing Address _____ City _____ State _____ Zip _____ Contact Phone () _____ Contact Email _____ Present Use <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> School</td> <td><input type="checkbox"/> State Bldg.</td> <td><input type="checkbox"/> Public/Commercial</td> </tr> <tr> <td><input type="checkbox"/> Residential</td> <td><input type="checkbox"/> Industrial</td> <td><input type="checkbox"/> Installation</td> </tr> <tr> <td colspan="3"><input checked="" type="checkbox"/> Other <u>Blighted structure</u></td> </tr> </table> Prior Use <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> School</td> <td><input type="checkbox"/> State Bldg.</td> <td><input type="checkbox"/> Public/Commercial</td> </tr> <tr> <td><input checked="" type="checkbox"/> Residential</td> <td><input type="checkbox"/> Industrial</td> <td><input type="checkbox"/> Installation</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> Other _____</td> </tr> </table>		<input type="checkbox"/> School	<input type="checkbox"/> State Bldg.	<input type="checkbox"/> Public/Commercial	<input type="checkbox"/> Residential	<input type="checkbox"/> Industrial	<input type="checkbox"/> Installation	<input checked="" type="checkbox"/> Other <u>Blighted structure</u>			<input type="checkbox"/> School	<input type="checkbox"/> State Bldg.	<input type="checkbox"/> Public/Commercial	<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Industrial	<input type="checkbox"/> Installation	<input type="checkbox"/> Other _____		
<input type="checkbox"/> School	<input type="checkbox"/> State Bldg.	<input type="checkbox"/> Public/Commercial																	
<input type="checkbox"/> Residential	<input type="checkbox"/> Industrial	<input type="checkbox"/> Installation																	
<input checked="" type="checkbox"/> Other <u>Blighted structure</u>																			
<input type="checkbox"/> School	<input type="checkbox"/> State Bldg.	<input type="checkbox"/> Public/Commercial																	
<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Industrial	<input type="checkbox"/> Installation																	
<input type="checkbox"/> Other _____																			

IV. Determination of Asbestos Present **Known or Assumed Asbestos Present** (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ

Inspector's Accred. No. MI200658 Lab Accred. No. 131900

Inspection Date 10/10/2019 (mm/dd/yy) Analysis Date 10/28/2019 (mm/dd/yy)

Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

- Attach the following copies:
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input checked="" type="checkbox"/> Other <small>Wallboard texture, fiber backing, heat shield</small>	<input type="checkbox"/> VAT <input type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____
Amount of Asbestos Material	_____ Linear Feet <u>2,200</u> Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard <small>*ACD = Asbestos-contaminated Debris</small>	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name [‡] _____ On-site Supervisor's Name _____
 LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____
 Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)
 City _____ State _____ Zip _____ Contact Name _____
 Phone () _____ ‡A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____
 Mailing Address _____ Contact Email _____
 City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____
LDEQ SW Transporter No. T- _____ Contact Email _____
Mailing Address _____ Contact Phone () _____
City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

SW Transporter Name _____ Physical Location of Non-processing Transfer Station _____
LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____
Mailing Address _____ Contact Name _____
City _____ State _____ Zip _____ Contact Email _____
Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____
Physical Address _____ Contact Phone () _____
City _____ State _____ Zip _____ Mailing Address _____
City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency City of Alexandria, LA
Representative Name Kenna Lavalais Government Agency Community Development Department
Representative's Title Demolition Program Manager
Date Issued June 13, 2017 (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). City Resolution 9666-2017

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi) _____

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components _____

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1).
No vouchers will be accepted for emergencies.
NO FEE For revisions or cancellations.

Submittal Information

- **For Emergencies** - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- **For Non-emergencies** - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9666-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 12 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 12 structures.

30 days - Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to July 25, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code or to be reconsidered for Condemnation.

<u>Property Address</u>	<u>Property Owner</u>
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on July 25, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

90 days - Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to September 19, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on September 19, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

120 days Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to October 31, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue	David A. Sheffield

(Mr. Larvadain abstain on this item)

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or

fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on October 31, 2017, all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on June 13, 2017, the facts justifying Condemnation of the structures and improvements on the following properties and it is Ordered the following properties are condemned and shall be demolished and removed by the City or its agents within Thirty(30) days of this Order or within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
3933 Clinton Street	Oscar and Dorothy Jones
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee

BE IT FURTHER RESOLVED, etc., that in the Order of Condemnation is final and shall be enforceable in accordance with law and subject to R.S. 33:4763 and other laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Larvadain, Fowler, Silver, Johnson, Villard, Fuller, Green.

NAYS: None

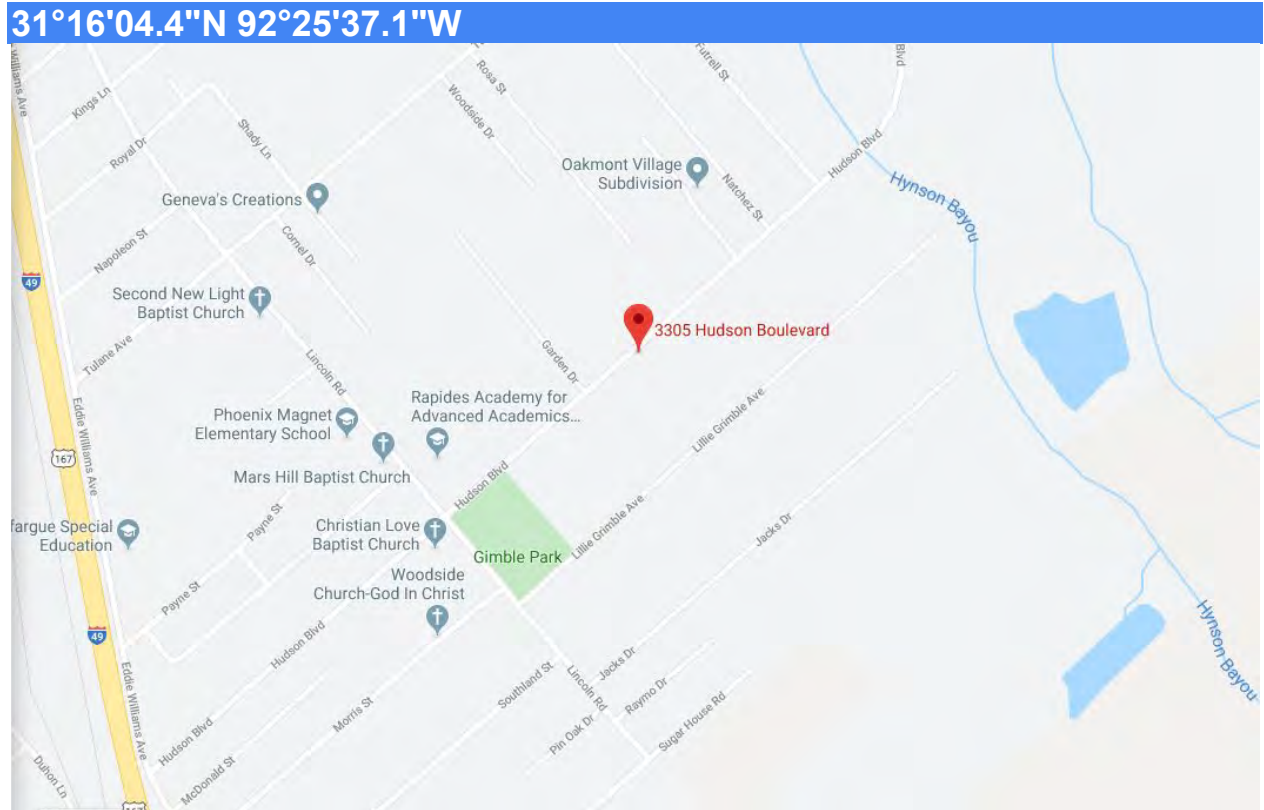
Absent: None

AND THE RESOLUTION was declared adopted on the 13th day of June, 2017.

/s/ Donna Jones

City Clerk

CD-12669
3305 Hudson Boulevard



Asbestos Survey Report

Residential Structure (CD12669)
3305 Hudson Boulevard
Alexandria, Louisiana

November 7, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 7, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12669)
3305 Hudson Boulevard
Alexandria, Louisiana
Terracon Project No. BB197056

Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 10, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were not identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,

Terracon Consultants, Inc.

Steven Latiolais
Staff Industrial Hygienist

Zack L. Dial
Senior Engineer

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APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12669)
3305 Hudson Boulevard
Alexandria, Louisiana
Terracon Project No. BB197056
November 7, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 10, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 400 square-foot, single-story, pier-and-beam structure with a wood frame. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood and the walls and ceilings consisted of wood.

Asbestos Survey Report

3305 Hudson Blvd. ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

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Three (3) samples were collected from one (1) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

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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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

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specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

ACM was not identified in connection with the subject structure.

The results of this survey did not identify any asbestos-containing materials, however, LDEQ requires written notification (AAC-2b) prior to any demolition activity, regardless of whether the building contains asbestos.

5.1 Special Conditions

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
ASBESTOS SURVEY SAMPLE SUMMARY
3305 Hudson Boulevard
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	Black Roof Shingles	Roof	Damaged	None Detected
	01-02				None Detected
	01-03				None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929850

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 3305 Hudson / BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/11/2019 9:20 AM

Analysis Date: 10/17/2019

Collected Date: 10/10/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01-Shingle <small>041929850-0001</small>	3305 Hudson - Roof - Black Roof Shingles	Black Fibrous Homogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
01-01-Felt <small>041929850-0001A</small>	3305 Hudson - Roof - Felt	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
01-02-Shingle <small>041929850-0002</small>	3305 Hudson - Roof - Black Roof Shingles	Black Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
01-02-Felt <small>041929850-0002A</small>	3305 Hudson - Roof - Felt	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
01-03-Shingle <small>041929850-0003</small>	3305 Hudson - Roof - Black Roof Shingles	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
01-03-Felt <small>041929850-0003A</small>	3305 Hudson - Roof - Felt	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected

Analyst(s)

Shelby Baker (4)

Seri Smith (2)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 10/17/2019 15:10:54

041929850

Lab Use Only:

Select a Laboratory:

Lab Location:

Page ____ of ____

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	3305 Hudson-Roof	Black Roof Shingles	Roof	600 SF	G D SD
01-02	↓				G D SD
01-03	↓				G D SD
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD
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2019 OCT 11 AM 9:31

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of building interior.



Another view of building interior.

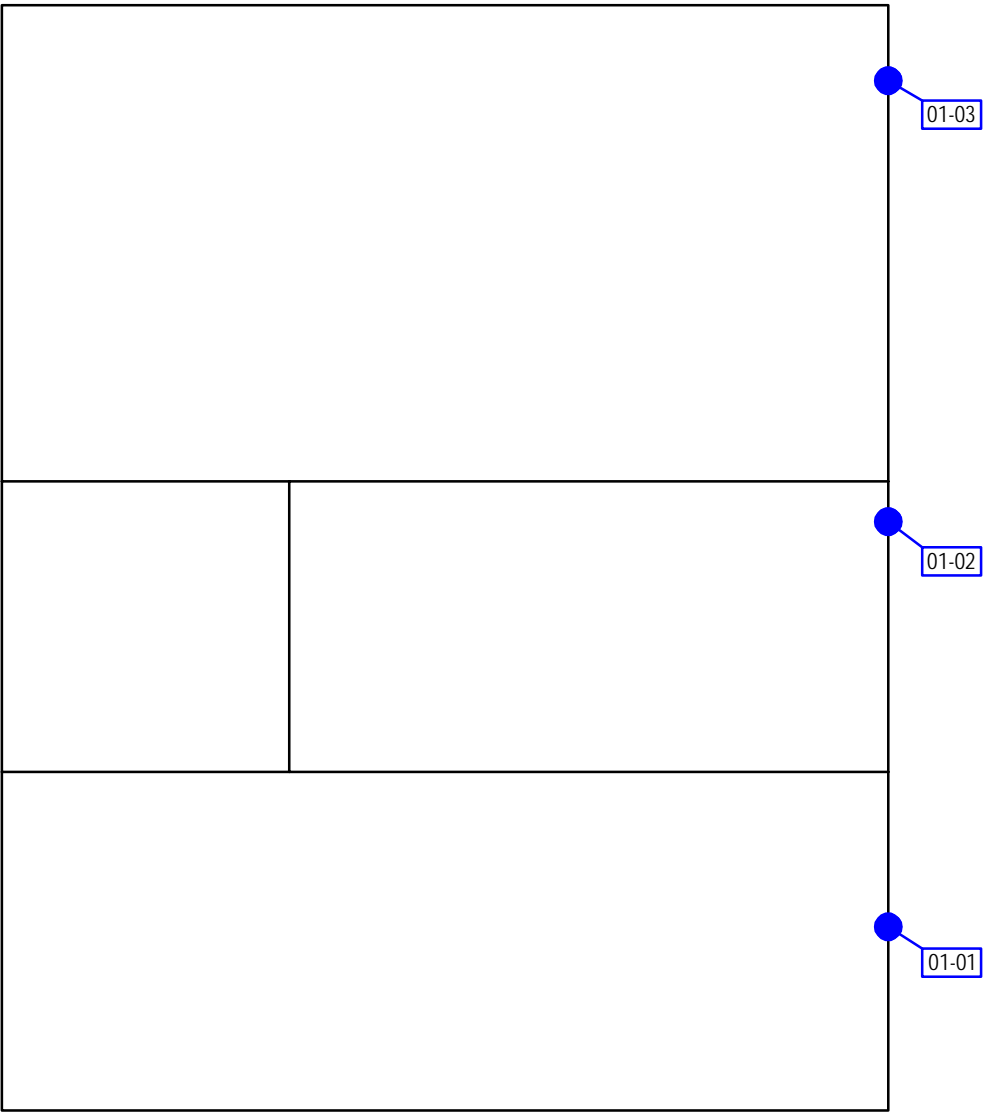


Another view of building interior



HA-01: Black Roof Shingles with Felt Paper

APPENDIX D
EXHIBITS



HUDSON BLVD.

LEGEND

 ASBESTOS BULK SAMPLE LOCATIONS

Project Mng:	SML	Project No.	BB197056	 Consulting Engineers and Scientists 524 ELMWOOD PARK BLVD NEW ORLEANS, LA 70123 (504) 818-3638 (504) 818-3890	3305 HUDSON BLVD. - BULK SAMPLE LOCATIONS	EXHIBIT
Drawn By:	AMM	Scale:	NOT TO SCALE		LIMITED ASBESTOS SURVEY	1
Checked By:	SML	File No.	SAMPLELOC.dwg		CITY OF ALEXANDRIA - 3305 HUDSON BLVD. - CD12669	
Approved By:	ZLD	Date:	OCTOBER 2019		3305 HUDSON BOULEVARD ALEXANDRIA, LOUISIANA	

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY. AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

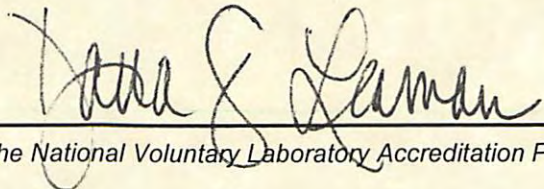
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2



ASBESTOS NOTIFICATION OF DEMOLITION (NEGATIVE DECLARATION) FORM AAC-2(b)

Do not use this form for
Asbestos Disposal Verification Forms (ADVF) requests

Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	N/A
Amt. Received	N/A
Postmark Date	
ADVF No.	N/A

Please type and complete all required sections.

NOTE: This form is to be used only for demolitions when lab analysis of properly sampled material indicates: that no Asbestos-Containing Material (ACM) is present; that the ACM present is not Regulated Asbestos-Containing Material (RACM), and will not be made RACM by the demolition; or that RACM, including any ACM that will be made RACM by the demolition, is less than the thresholds below (See Section I). For all other demolitions, renovations, or asbestos-contaminated debris activities, request ADVFs using the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a).

NOTE: This form is to be used for NON-EMERGENCIES only.

<p>I. Type of Notification <input checked="" type="checkbox"/> No ACM present</p> <p style="margin-left: 40px;"><input type="checkbox"/> ACM present is not RACM and will not be made RACM by the demolition</p> <p style="margin-left: 40px;"><input type="checkbox"/> RACM, or ACM that will be made RACM, is less than the established thresholds (See right)</p>	<p>Established Thresholds per LAC 33:III.5151.F.1. Combined amount of RACM is less than:</p> <ul style="list-style-type: none"> 60 linear feet on pipes; 64 square feet on other facility components; or 1 cubic yard off facility components where length or area could not be measured previously.
--	---

<p>II. Type of Operation <input checked="" type="checkbox"/> Demolition (allowable only if structure contains no RACM or contains RACM below established thresholds) (See Section I, above)</p>

<p>III. Facility Description</p>	
<p>Facility Name <u>Residential Structure</u></p> <p>Physical Address <u>3305 Hudson Boulevard</u></p> <p>City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u></p> <p>Owner Name _____</p> <p>Contact Information:</p> <p>Contact Name _____</p> <p>Mailing Address _____</p> <p>City _____ State _____ Zip _____</p> <p>Phone () _____</p> <p>Email _____</p>	<p>Parish <u>Rapides</u></p> <p>Building Size (sq. ft.) <u>400</u></p> <p>No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u></p> <p>Location on site (Bldg, Floor, Room, etc.) where work is done <u>Building will be razed.</u></p> <p>Present Use</p> <p style="margin-left: 20px;"><input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial</p> <p style="margin-left: 20px;"><input type="checkbox"/> Residential <input type="checkbox"/> Industrial</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Other <u>Blighted structure</u></p> <p>Prior Use</p> <p style="margin-left: 20px;"><input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other _____</p>

IV. Determination of No RACM Present /Amount of RACM Present is Below Established Thresholds for Demo Project (See Section I)

Inspection Date 10/10/2019 (mm/dd/yy) Lab Analysis Date 10/17/2019 (mm/dd/yy)
 Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ
 Inspector's Accred. No. MI200658 LELAP* Lab ID No. 04127
 Lab Agency Interest (AI) No. 131900

Procedure, including analytical method, if appropriate, PLM – EPA 600 used to detect the presence of asbestos material _____

NOTE: Laboratory analysis performed by commercial laboratories for this determination must have been conducted in accordance with the requirements set forth under LAC 33:I.Subpart 3, Chapters 49-55.

Laboratory data generated by commercial laboratories that are not accredited by the *Louisiana Environmental Laboratory Accreditation Program (LELAP) under LAC 33:I.Subpart 3, Chapters 47-57, will not be accepted by the LDEQ; retesting of analysis will be required by a commercial laboratory accredited by LELAP.

- Attach the following copies:
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b) will not be processed without these attachments.

V. Asbestos Containing Material (ACM) Not to be Removed from Structure Prior to Demolition (if ACM is present)

Type of Asbestos Material	RACM		Non-regulated ACM	
	<input type="checkbox"/> TSI	<input type="checkbox"/> Fireproofing	<input type="checkbox"/> VAT	<input type="checkbox"/> Asphalt Roofing
<input type="checkbox"/> Ceiling Tile	<input type="checkbox"/> Other _____	<input type="checkbox"/> Mastic	<input type="checkbox"/> Other _____	
Amount of Asbestos Material Not Removed	_____ linear	_____ linear feet		
	_____ square feet	_____ square feet		
	_____ cubic yards	_____ cubic yards		

VI. Demolition Contractor

Contractor Name _____ Contact Name _____
 Mailing Address _____ Contact Email _____
 City _____ State _____ Zip _____ Contact Phone () _____

VII. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

VIII. Planned Non-RACM Demolition

Describe planned non-RACM demolition and methods to be used _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II becomes RACM (per LAC 33:III.5151.F.2.d.vii) _____

IX. Comments Provide any additional comments/information relevant to the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b).

X. Certification Sign this section only if RACM is absent or amount of RACM present is below established thresholds (See Section I)

I certify that the above information is correct and that under penalty of law, with regard to the structure being demolished, RACM is determined to be absent or the amount of RACM present is below established thresholds per LAC 33:III.5151.F.1. I understand that:

- the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b) is incomplete without the required analysis and supporting documentation from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57; this constitutes a failure to notify the LDEQ (See Section IV);
- the LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b) will not be processed without the required analysis and supporting documentation from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

Submittal Information

- There is no fee associated with the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b).
- Submit the form with an original signature and required attachments by one of the methods of delivery listed below.
- Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); however, the form with an original signature and required attachments must be submitted to the LDEQ within 5 working days of the email date by one of the following methods of delivery:

By Mail:

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9633-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 142 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 142 structures.

Removal-demolition by owner

BE FURTHER RESOLVED, etc., that on recommendation of the Community Development Administrator the following structures because of actions by owners who have hired State Licensed Contractors, secured permits & have completed works or secured permits are removed from this condemnation list

- 1) 4321 3rd Street – Kirklin Construction, demolition complete
- 2) 1947 Overton Street - Lathan Construction, demolition complete
- 3) 1953 Overton Street - Lathan Construction, demolition complete
- 4) 1957 Overton Street - Lathan Construction, demolition complete
- 5) 1963 Overton Street - Lathan Construction, demolition complete

Removed – incorrect address

- 6) 5211 Lincoln Road – incorrect address submitted in original list.

Continuance of Council action to consider Condemnations

The following property owners hired State licensed Contractors to secure permits: (work to be completed by 3/31/2017)

- 1) 2904 3rd Street -Veal Construction, Demo Permit issued.
- 2) 2211 Broadway Avenue - Grant Eastern, Demo Permit issued.
- 3) 1626 Dallas Avenue - Grant Eastern, Demo Permit issued.
- 4) 2924 Lee Street -Alliance Design, working on construction drawings.
- 5) 2307 Memphis Street -Veal Construction, Rehab Permit issued.
- 6) 4012 Morris Street - Lathan Construction, Demo Permit issued,

BY
 CLERK & RECORDER
 RAPIDES PARISH, LA
 17 MAR 14 PM 1:55
 FILED & RECORDED
 ROBYN L. HOOTER
 RECORDER
 1597800

765-
 14-

- 7) 341 North 17th Street - Lathan Construction, Demo Permit issued.
- 8) 2806 Overton Street -Tennie Construction, Rehab Permit issued.
- 9) 1506 Park Avenue - Larwood Construction, Rehab Permit issued.
- 10) 2518 Wise Street -Tennie Construction, Rehab Permit issued.

30 days extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **April 18, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1720 Albert Street	Patrick LaCour
1758 Albert Street	Wasmer Properties, LLC
2024 Harris Street	Tameisha & Melvin Sigur
2302 Lee Street	Tameisha & Melvin Sigur
2243 Overton Street	Tameisha & Melvin Sigur
1512 Shirland Avenue	Felicia Dausat
3933 Clinton Street	Oscar & Dorothy Jones

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on April 18, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

60 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **May 16, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
2129 3 rd Street	Newton Collier
1430 5 th Street	Bernadette S. Baker
2524 8 th Street	Marie C. Allen
312 Bogan Street	C E S R LLC, Clarence Spottsville
118 Cottage Street	Kenneth Wayne Joseph
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
1779 Mason Street	Stanford Joseph
2530 Memphis, Unit A & B	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
417 Newman Street	Mark Fairley, ET AL
3022 Houston Street	Deborrah Phoenix Jones
2742 10 th Street	Thoma Cherneva

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on May 16, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

90 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **June 13, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue (Larvadain abstained)	David A. Sheffield
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 13, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on March 7, 2017, the facts justifying Condemnation of the structures and improvements for the following properties, the law and evidence being in favor of Condemnation of the property it is Ordered the following properties are each **condemned** and shall be demolished and removed by the City or its agents within Sixty(60) days of this Order or otherwise within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
2424 3 rd Street	Page Livingston
3617 4 th street	Bakies Properties, LLC
3621 4 th street	Jerry Pearson
3108 9 th street	Alpha Capital/BMO Harris
3112 9 th street	Alice Hammond
3110 9 th Street	Frank R. Bordelon
3723 11 th street	Agnes Wallace
2447 Alma Street	Jerry Johnson
4110 Balentine Street	Colonial Financial Service Inc
99B Bertie Street	Walter Reynolds

1326 Charlton Street	Elsie H. Ryland
3925 Clinton Street	Henry Joffrion
1117 Cole Street	Leontina Dauzat
1119 Cole Street	Leontina Dauzat
2027 East Texas Avenue	Midwest Management
56 Eastwood Boulevard	Tri Brewer
1204 Fenner Street	Don Thompson
4517 Futrell Street	Willie M. Pickens
405 Gabriel Lane	Shirley Johnson
3008 Houston Street	Willie Wilson
3149 Houston Street	Savannah Webber
3305 Hudson Boulevard	Delwin Eldridge
3331 Hudson Boulevard	Rodney Taylor
311 John Thomas Street	Thomas Farace
5503 Jube Street	Michael Tennie
3520 Laurel Street	Donald Medica
717 Leland Street	Henry Weekly
4206 Lincoln Road	Lillian Davis
2533 Main Street	Washington Bush
116 Mary Lane	Bakies Properties, LLC
314 Marye Court	Kylie R. Larwood
2008 Mason Street	McErvin Howard, Sr. EST
2219 Mill Street	Dominic Robinson
208 1/2 North 13 th Street	Jerry Larwood
2803 Overton Street	Jerry & Rhonda Hughes

2426 Paris Street	Midwest Management US Bank
3404 Raymo Drive	Betty Givens & Charlie Johnson
342 Rosewood Drive	Randy L. Michiels
1530 Turner Street	James Price
2515 Wise Street	Curtisteen Matthews
524 Woodard Street	Alice Hammond
2401 3 rd Unit A Street	Nick Chenvert
2401 3 rd Unit B Street	Nick Chenvert
2603 3 rd Street	Annie Mae King
3120 3 rd street	Alice Hammond
2908 4 th Street	Harry Jackson
2634 6 th Street	Jessie Aaron
2641 8 th Street	Luster R. Smith
2516 12 th Street	Bessie Burrell
2544 12 th Street	Leon Rose
1015 Augusta Avenue	Leonard Johnson
97 Bertie Street	Walter Reynolds
3208 Bloch Street	Clifton Morris
5230 Broadmoor Court	Ray Rolan Chandler
832 Broadway Avenue	Elks Hub City Lodge #646
5211 Crestwood Drive	Clyde G. & Francine Wilson
1030 Dallas Avenue	Ora Butler
319 Daspit Street	Ralph & Emma McCoy
628 Douglas Street	Cole Rosa Lee Brooks
5137 Edward Avenue	Linda Smith Scott

1321 Fenner Street	Bessie Morris
3611 Hollywood Drive	Ivory Grant
2828 Houston Street	Jacquelin Freeman
3201 Hudson Boulevard	Rex H. Countee
1510 Huffman Street	Lucy B. Russaw
1512 Huffman Street	Virginia Harvey
821 John Thomas	Lucille Green
2145 Lee Street	Pharrow Perkins
604 Leonard Street	Rosa M. McCoy
1904 Levin Street	Russell J. Walker
1912 Levin Street	Louis H. Taylor/Frankie Mae Hall
2636 Main Street	Carrie C. Small
2716 Main Street	Lucille Taffaro
316 Marye Court	The Money Shack, LLC
2054 Mason Street	Herman Davis Burrell
2095 Mason Street	Rosemary Dauzart
209 North 15 th Street	Jerry Larwood
2040 Overton Street	Mary Cataldie
2069 Overton Street	Thomas J. Atkins
2213 Overton Street	Gertrude Quinney
2217 Overton Street	Bessie M. Vallery
2332 Overton Street	Joyce R.F. Sandifer
2437 Overton Street	Everett Hobbs
2441 Overton Street	Sir Welton Hobbs
2608 Overton Street	Harry C. Robinson

2720 Overton Street
2430 Paris Street
921 Railroad Avenue
504 Scallan Street
1203 Willow Glen River Road
2327 Wise Street (Larvadain abstained)
2704 Wise Street
730 Woodard Street

James P. Clinton
Joseph Wardsworth
Joyce Ann Clinton-Naquin
Lula Mae Booze
Mississippi Land Co., Inc.
Benjamin Bayone
Henry George
Willie Whittington

BE IT FURTHER RESOLVED, etc., that the Order of Condemnation is final for the Properties and parcels listed above and shall be enforceable in accordance with the laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 7th day of March, 2017.

/s/ Donna Jones

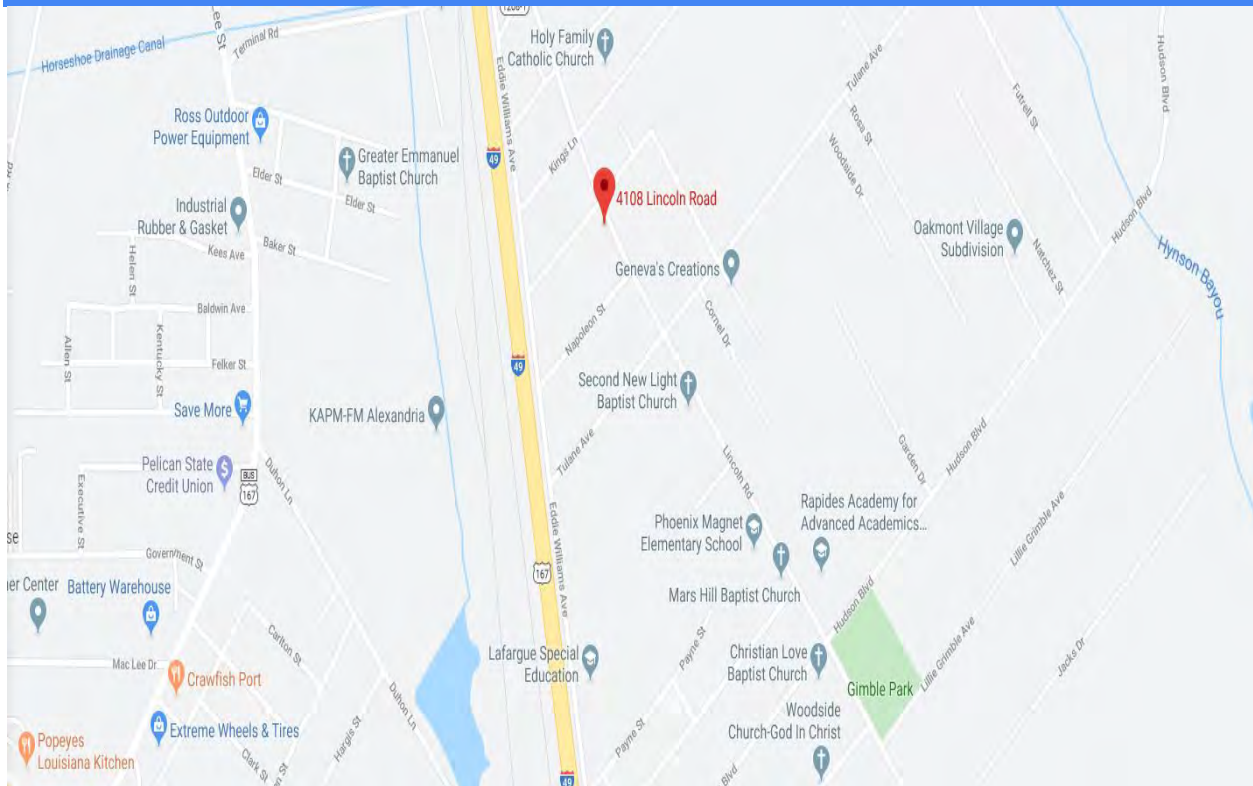
City Clerk

STATE OF LOUISIANA, PARISH OF RAPIDES
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND CORRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF
OFFICE, AT ALEXANDRIA, LOUISIANA, THIS 15
DAY OF March, A.D., 2017
BY [Signature]
DY. CLERK OF COURT

CD-12716
4108 Lincoln Road



31°16'15.0"N 92°26'09.6"W



Asbestos Survey Report

Residential Structure (CD12716)
4108 Lincoln Road
Alexandria, Louisiana

November 7, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials

November 7, 2019



City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12716)
4108 Lincoln Road
Alexandria, Louisiana
Terracon Project No. BB197056


Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 10, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details. It should be noted that the structure was observed by Terracon to be largely unsafe for continued occupancy that may be required for abatement. Because of the condition of the structure, in conjunction with the knowledge that RACM was identified, Terracon recommends the structure be demolished in its entirety as RACM.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.


Steven Latiolais
Staff Industrial Hygienist

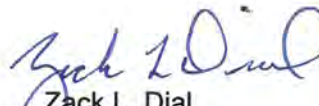

Zack L. Dial
Senior Engineer

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ABESTOS SURVEY REPORT
Residential Structure (CD12716)
4108 Lincoln Road
Alexandria, Louisiana
Terracon Project No. BB197056
November 7, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 10, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 850 square-foot, single-story, pier-and-beam structure with a wood frame. At the time of the survey, the structure was largely damaged throughout, with failing floor substrate and roof. Internal floors consisted of wood and sheet flooring. Walls and ceilings consisted of wood and drywall.

Asbestos Survey Report

4108 Lincoln Road ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

4108 Lincoln Road ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



Eighteen (18) samples were collected from six (6) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

4108 Lincoln Road ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

4108 Lincoln Road ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Category I Non-Friable Materials

- Cream 12"x12" floor tile

According to LDEQ and EPA NESHAP regulations, packings, gaskets, resilient floor coverings, and asphalt roofing products 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 scraping, 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.

5.2 Regulated Asbestos Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

Laboratory analysis confirmed the following asbestos-containing friable materials:

- Brown mosaic sheet flooring beneath yellow sheet flooring atop
- Joint compound associated with drywall ceilings

It should be noted that the structure was observed by Terracon to be largely unsafe for continued occupancy that may be required for abatement. Therefore, Terracon recommends the structure be demolished in its entirety as RACM. Therefore, all sections of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. The AAC-2a form must be on site during all RACM activities.

5.3 Special Conditions

Although it is standard practice to composite the drywall and joint compound layers into a uniform sample for PLM analysis, for the purposes of a structure unstable for abatement to be practical, Terracon deemed it unnecessary to perform these analyses.

Asbestos Survey Report

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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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
SUMMARY OF ASBESTOS CONTAINING MATERIALS
4108 Lincoln Road
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
01	Cream 12"x12" floor tile	1, 2	Cat I NF	Damaged	Yes	Tile – 2% Chrysotile	150 SF
02	Brown mosaic sheet flooring beneath yellow sheet flooring atop	2	RACM	Damaged	Yes	<1% Chrysotile	75 SF
03	Joint compound associated with drywall ceilings	Ceilings throughout	RACM	Significantly Damaged	Yes	2% Chrysotile	850 SF

Cat I NF = Category I Non-Friable

RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
4108 Lincoln Road
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	Cream 12"x12" floor tile with yellow mastic	1, 2	Damaged	Tile – 2% Chrysotile Mastic – None Detected
	01-02				Tile – Not Analyzed (Positive Stop) Mastic – None Detected
	01-03				Tile – Not Analyzed (Positive Stop) Mastic – None Detected
02	02-04	Yellow sheet flooring atop brown mosaic sheet flooring	2	Damaged	Yellow Flooring – None Detected Brown Flooring – 15% Chrysotile
	02-05				Yellow Flooring – None Detected Brown Flooring – Not Analyzed (Positive Stop)
	02-06				Yellow Flooring – None Detected Brown Flooring – Not Analyzed (Positive Stop)
03	03-07	White drywall and joint compound	Ceiling throughout	Significantly Damaged	Drywall – None Detected Joint Compound – 2% Chrysotile Texture – None Detected
	03-08				Drywall – None Detected Joint Compound – Not Analyzed (Positive Stop) Texture – None Detected
	03-09				Drywall – None Detected Joint Compound – Not Analyzed (Positive Stop) Texture – None Detected
04	04-10	Cream marble patterned sheet flooring	5	Damaged	None Detected
	04-11				None Detected
	04-12				None Detected

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
4708 Garden Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
05	05-13	Black and green roof shingle and felt paper	Roof	Significantly Damaged	Shingle – None Detected Felt Paper – None Detected
	05-14				Shingle – None Detected Felt Paper – None Detected
	05-15				Shingle – None Detected Felt Paper – None Detected
06	06-16	Faux brick tar siding	Exterior walls	Significantly Damaged	Shingle – None Detected Felt Paper – None Detected
	06-17				Shingle – None Detected Felt Paper – None Detected
	06-18				Shingle – None Detected Felt Paper – None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Hammon, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order: 041929893

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 4108 Lincoln - BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/11/2019 9:20 AM

Analysis Date: 10/14/2019 - 10/21/2019

Collected Date: 10/10/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01-Floor Tile <i>041929893-0001</i>	4108 Lincoln - 1 - Cream 12" x 12" Floor Tile	Tan Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
01-01-Mastic <i>041929893-0001A</i>	4108 Lincoln - 1 - Yellow Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-02-Floor Tile <i>041929893-0002</i>	4108 Lincoln - 1 - Cream 12" x 12" Floor Tile				Positive Stop (Not Analyzed)
01-02-Mastic <i>041929893-0002A</i>	4108 Lincoln - 1 - Yellow Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-03-Floor Tile <i>041929893-0003</i>	4108 Lincoln - 1 - Cream 12" x 12" Floor Tile				Positive Stop (Not Analyzed)
01-03-Mastic <i>041929893-0003A</i>	4108 Lincoln - 1 - Yellow Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04-Sheet Flooring <i>041929893-0004</i>	4108 Lincoln - 2 - Yellow Sheet Flooring on Top of Brown Mosaic Sheet Flooring	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04-Sheet Flooring 2 <i>041929893-0004A</i>	4108 Lincoln - 2 - Yellow Sheet Flooring on Top of Brown Mosaic Sheet Flooring	Brown Fibrous Homogeneous		85% Non-fibrous (Other)	15% Chrysotile
02-05-Sheet Flooring <i>041929893-0005</i>	4108 Lincoln - 2 - Yellow Sheet Flooring on Top of Brown Mosaic Sheet Flooring	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-05-Sheet Flooring 2 <i>041929893-0005A</i>	4108 Lincoln - 2 - Yellow Sheet Flooring on Top of Brown Mosaic Sheet Flooring				Positive Stop (Not Analyzed)
02-06-Sheet Flooring <i>041929893-0006</i>	4108 Lincoln - 2 - Yellow Sheet Flooring on Top of Brown Mosaic Sheet Flooring	Tan Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
02-06-Sheet Flooring 2 <i>041929893-0006A</i>	4108 Lincoln - 2 - Yellow Sheet Flooring on Top of Brown Mosaic Sheet Flooring				Positive Stop (Not Analyzed)

Initial report from: 10/21/2019 10:04:03



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929893
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
03-07-Wallboard <i>041929893-0007</i>	4108 Lincoln - 2 - White Wallboard	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
03-07-Joint Compound <i>041929893-0007A</i>	4108 Lincoln - 2 - Joint Compound	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
03-07-Texture <i>041929893-0007B</i>	4108 Lincoln - 2 - Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-08-Wallboard <i>041929893-0008</i>	4108 Lincoln - 3 - White Wallboard	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
03-08-Joint Compound <i>041929893-0008A</i>	4108 Lincoln - 3 - Joint Compound				Positive Stop (Not Analyzed)
03-08-Texture <i>041929893-0008B</i>	4108 Lincoln - 3 - White Wallboard				Not Submitted
03-09-Wallboard <i>041929893-0009</i>	4108 Lincoln - 4 - White Wallboard	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
03-09-Joint Compound <i>041929893-0009A</i>	4108 Lincoln - 4 - Joint Compound				Positive Stop (Not Analyzed)
03-09-Texture <i>041929893-0009B</i>	4108 Lincoln - 4 - White Wallboard	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
04-10 <i>041929893-0010</i>	4108 Lincoln - 5 - Cream Marble Pattern Sheet Flooring	Beige Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
04-11 <i>041929893-0011</i>	4108 Lincoln - 5 - Cream Marble Pattern Sheet Flooring	Beige Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
04-12 <i>041929893-0012</i>	4108 Lincoln - 5 - Cream Marble Pattern Sheet Flooring	Tan Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
05-13-Roof Shingle <i>041929893-0013</i>	4108 Lincoln - Roof - Black and Green Roof Shingle	Black/Green Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
05-13-Felt Paper <i>041929893-0013A</i>	4108 Lincoln - Roof - Felt Paper	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
05-14-Roof Shingle <i>041929893-0014</i>	4108 Lincoln - Roof - Black and Green Roof Shingle	Black/Green Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
05-14-Felt Paper <i>041929893-0014A</i>	4108 Lincoln - Roof - Felt Paper	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
05-15-Roof Shingle <i>041929893-0015</i>	4108 Lincoln - Roof - Black and Green Roof Shingle	Black/Green Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
05-15-Felt Paper <i>041929893-0015A</i>	4108 Lincoln - Roof - Felt Paper	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
06-16 <i>041929893-0016</i>	4108 Lincoln - Ext - Faux Brick Tar Siding	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected

Initial report from: 10/21/2019 10:04:03



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929893
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
06-17 <small>041929893-0017</small>	4108 Lincoln - Ext - Faux Brick Tar Siding	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
06-18 <small>041929893-0018</small>	4108 Lincoln - Ext - Faux Brick Tar Siding	Brown/Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected

Analyst(s)

Chelsey Donnelly (1)

Gregory Barry (16)

Jose Sanchez (3)

Keishla Vazquez Caraballo (3)

Marvalyn Sandling (3)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 10/21/2019 10:04:03

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: Cream 12"x12" floor tile with yellow mastic.



View of HA-02: Yellow sheet flooring atop brown mosaic sheet flooring .



View of HA-03: White drywall and joint compound.



View of HA-04: Cream marble patterned sheet flooring.



View of HA-05: Black and green roof shingle and felt paper.



View of HA-06: Faux brick tar siding.

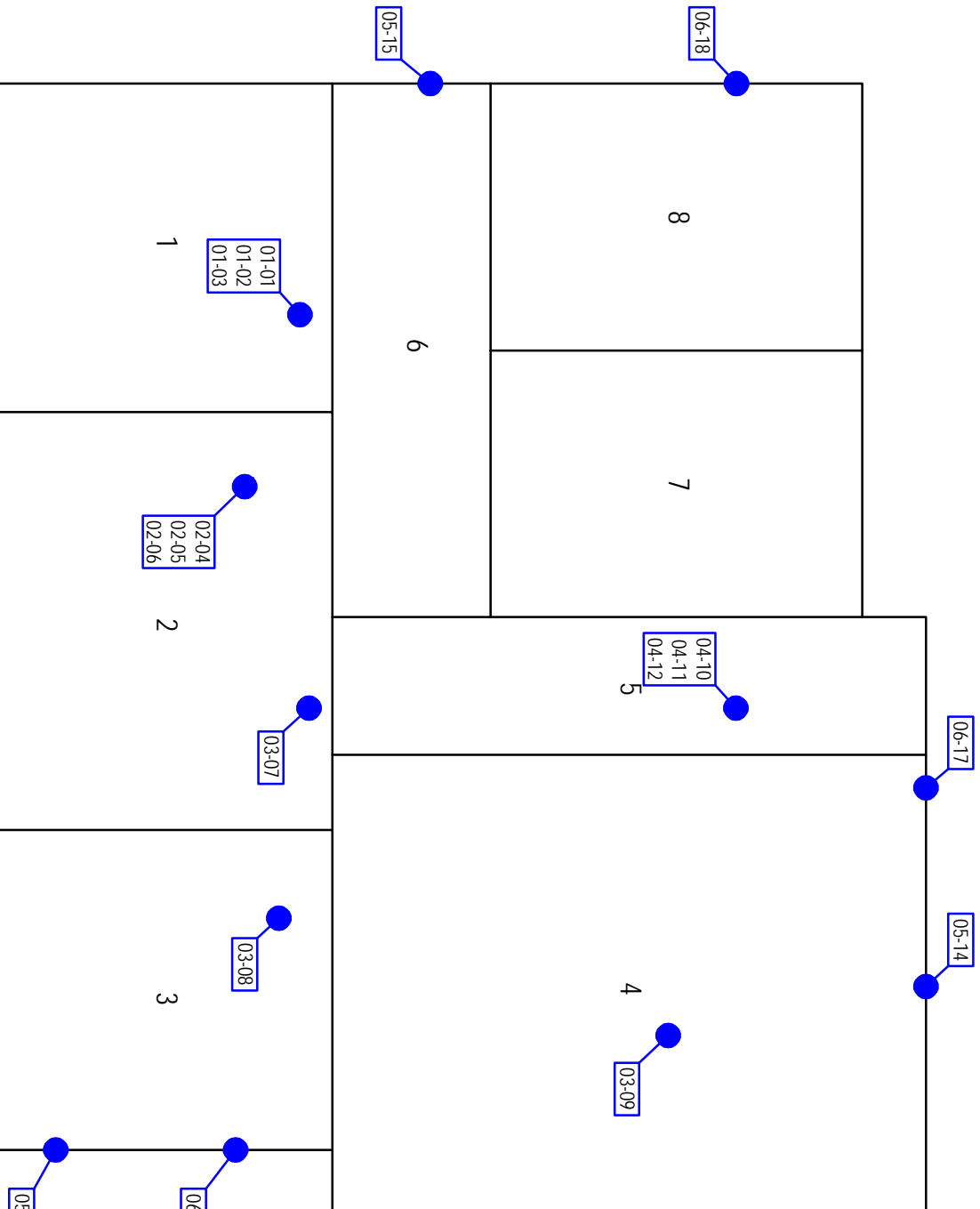


General view of the structure's interior.



General view of the structure's interior.

APPENDIX D
EXHIBITS



LINCOLN RD.

LEGEND

- ASBESTOS BULK
- SAMPLE LOCATIONS

Project Mngr:	SML
Drawn By:	AMM
Checked By:	SML
Approved By:	ZLD

Project No:	BB1 97056
Scale:	NOT TO SCALE
File No:	SAMPLELOC.dwg
Date:	OCTOBER 2019


 Consulting Engineers and Scientists
 524 ELWOOD PARK BLVD NEW ORLEANS, LA 70122
 (504) 818-3688

4108 LINCOLN RD. - BULK SAMPLE LOCATIONS
 LIMITED ASBESTOS SURVEY
 CITY OF ALEXANDRIA - 4108 LINCOLN RD. - CD12716
 4108 LINCOLN ROAD
 ALEXANDRIA, LOUISIANA

EXHIBIT	1
---------	---

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
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Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

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Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

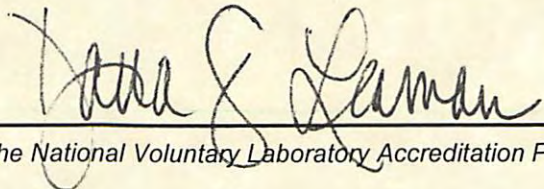
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

- Emergency** Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. **Explanation to justify your emergency request must be provided** (see Section XIV).
- Revision** ADVF #s to be revised _____
- Cancellation** ADVF #s to be canceled _____

I. Type of Notification (check only one box)	
<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Disposal Only
<input type="checkbox"/> Additional Latest ADVF# Issued _____	
<input type="checkbox"/> Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).	
II. Type of Operation (check only one box)	
<input type="checkbox"/> Reno & Demo (ACM or RACM removal & subsequent demo)	<input type="checkbox"/> Renovation
<input checked="" type="checkbox"/> RACM Demo (entire structure treated as RACM)	<input type="checkbox"/> ACDA
<input type="checkbox"/> Response Action (schools, state, public or commercial bldgs.)	
Is structure being demolished under order of a state or local government agency? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Complete Sec. XIII)	
III. Facility Description	
Facility Name <u>Residential Structure</u>	Project Designer Info (schools, state, public or commercial buildings)
Physical Address <u>4108 Lincoln Road</u>	Name _____
City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u>	LA Accred. No. _____
Parish <u>Rapides</u>	Building Size (sq. ft.) <u>850</u>
Owner Name _____	No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u>
Contact Name _____	Location on site (Bldg, Floor, Room, etc.) where work is done <u>Structure will be razed.</u>
Mailing Address _____	Present Use
City _____ State _____ Zip _____	<input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial
Contact Phone () _____	<input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation
Contact Email _____	<input checked="" type="checkbox"/> Other <u>Blighted structure</u>
	Prior Use
	<input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial
	<input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation
	<input type="checkbox"/> Other _____

IV. Determination of Asbestos Present **Known or Assumed Asbestos Present** (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ

Inspector's Accred. No. MI200658 Lab Accred. No. 131900

Inspection Date 10/10/2019 (mm/dd/yy) Analysis Date 10/21/2019 (mm/dd/yy)

Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

- Attach the following copies:
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____
Amount of Asbestos Material	_____ Linear Feet _____ Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard *ACD = Asbestos-contaminated Debris	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name[‡] _____ On-site Supervisor's Name _____

LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____

Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)

City _____ State _____ Zip _____ Contact Name _____

Phone () _____ ‡A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____

Mailing Address _____ Contact Email _____

City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____
LDEQ SW Transporter No. T- _____ Contact Email _____
Mailing Address _____ Contact Phone () _____
City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

SW Transporter Name _____ Physical Location of Non-processing Transfer Station _____
LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____
Mailing Address _____ Contact Name _____
City _____ State _____ Zip _____ Contact Email _____
Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____
Physical Address _____ Contact Phone () _____
City _____ State _____ Zip _____ Mailing Address _____
City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency City of Alexandria, LA
Representative Name Kenna Lavalais Government Agency Community Development Department
Representative's Title Demolition Program Manager
Date Issued June 13, 2017 (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). City Resolution 9666-2017

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi) _____

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components _____

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1).
No vouchers will be accepted for emergencies.
NO FEE For revisions or cancellations.

Submittal Information

- **For Emergencies** - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- **For Non-emergencies** - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9666-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 12 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 12 structures.

30 days - Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to July 25, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code or to be reconsidered for Condemnation.

<u>Property Address</u>	<u>Property Owner</u>
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on July 25, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

90 days - Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to September 19, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on September 19, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

120 days Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to October 31, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue	David A. Sheffield

(Mr. Larvadain abstain on this item)

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or

fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on October 31, 2017, all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on June 13, 2017, the facts justifying Condemnation of the structures and improvements on the following properties and it is Ordered the following properties are condemned and shall be demolished and removed by the City or its agents within Thirty(30) days of this Order or within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
3933 Clinton Street	Oscar and Dorothy Jones
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee

BE IT FURTHER RESOLVED, etc., that in the Order of Condemnation is final and shall be enforceable in accordance with law and subject to R.S. 33:4763 and other laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Larvadain, Fowler, Silver, Johnson, Villard, Fuller, Green.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 13th day of June, 2017.

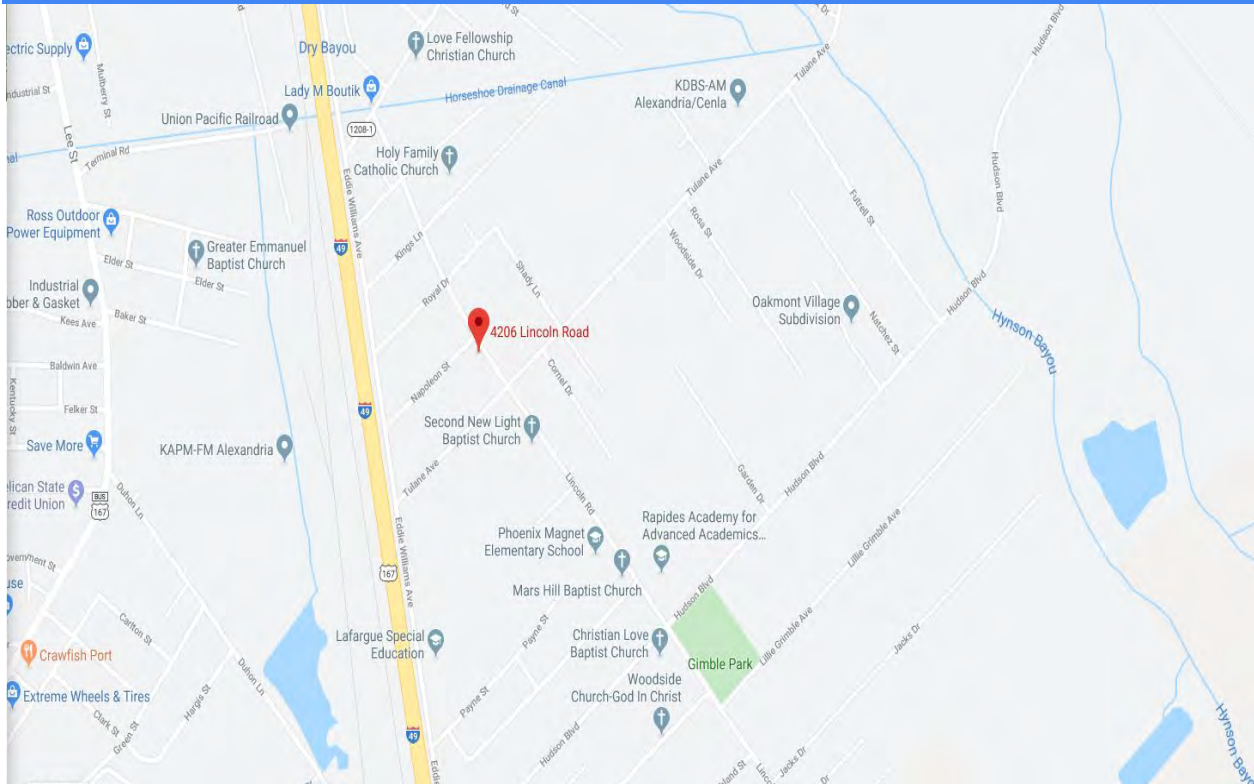
/s/ Donna Jones

City Clerk

CD-12711
4206 Lincoln Road



31°16'11.7"N 92°26'07.1"W



Asbestos Survey Report

Residential Structure (CD12711)
4206 Lincoln Road
Alexandria, Louisiana

November 7, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials

November 7, 2019



City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12711)
4206 Lincoln Road
Alexandria, Louisiana
Terracon Project No. BB197056

Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 10, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,

Terracon Consultants, Inc.

A handwritten signature in blue ink, appearing to read 'Steven Latiolais', is written over a light blue circular stamp.

Steven Latiolais
Staff Industrial Hygienist

A handwritten signature in blue ink, appearing to read 'Zack L. Dial', is written over a light blue circular stamp.

Zack L. Dial
Senior Engineer

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APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12711)
4206 Lincoln Road
Alexandria, Louisiana
Terracon Project No. BB197056
November 7, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 10, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 850 square-foot, single-story, pier-and-beam structure with a wood frame and brick veneer. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood and sheet flooring. Walls and ceilings consisted of wood and ceiling tile.

Asbestos Survey Report

4206 Lincoln Road ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

4206 Lincoln Road ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



Twenty-one (21) samples were collected from seven (7) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

4206 Lincoln Road ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

4206 Lincoln Road ■ Alexandria, Louisiana

November 7, 2019 ■ Terracon Project No. BB197056



specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Category I Non-Friable Materials

Laboratory analysis confirmed the following asbestos-containing Category I non-friable materials:

- Brown 12"x12" floor tile with black mastic
- Black roof flashing

According to LDEQ and EPA NESHAP regulations, packings, gaskets, resilient floor coverings, and asphalt roofing products 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 scraping, 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.

5.2 Category II Non-Friable Materials

Laboratory analysis confirmed the following asbestos-containing Category II non-friable materials:

- Red-painted gray transite roof shingles

According to LDEQ and EPA NESHAP regulations, Category II non-friable ACM is any material, excluding Category I non-friable ACM, that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forced expected to act on the material in the course of demolition operations are considered Regulated Asbestos Containing Materials (RACM) and are required to be abated prior to demolition.

Asbestos Survey Report

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5.3 Special Conditions

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
SUMMARY OF ASBESTOS CONTAINING MATERIALS
4206 Lincoln Road
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
03	Brown 12"x12" floor tile with black mastic underneath blue and white sheet flooring atop yellow sheet flooring	2	Cat I NF	Damaged	No	Brown Tile – 2% Chrysotile Mastic – 6% Chrysotile	200 SF
06	Red-painted gray transite roof shingles with black tar	StreetSide Roof	Cat II NF	Damaged	No	15% Chrysotile	450 SF
07	Black roof flashing	Rear Roof	Cat I NF	Good	No	5% Chrysotile	200 SF

Cat I NF = Category I Non-Friable ACM

Cat II NF = Category II Non-Friable ACM

RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
4206 Lincoln Road
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	White 1'x1' ceiling tile	1, 2, 3, 6	Significantly Damaged	None Detected
	01-02				None Detected
	01-03				None Detected
02	02-04	Cream self-stick 12"x12" floor tile	1	Damaged	Floor Tile – None Detected Adhesive – None Detected
	02-05				Floor Tile – None Detected Adhesive – None Detected
	02-06				Floor Tile – None Detected Adhesive – None Detected
03	03-07	Blue and white sheet flooring atop yellow sheet flooring atop brown 12"x12" floor tile with black mastic	6, 5	Damaged	Blue/White Flooring – None Detected Yellow Flooring – None Detected Brown Tile – 2% Chrysotile Mastic – 6% Chrysotile
	03-08				Blue/White Flooring – None Detected Yellow Flooring – None Detected Brown Tile – Not Analyzed (Positive Stop) Mastic – Not Analyzed (Positive Stop)
	03-09				Blue/White Flooring – None Detected Yellow Flooring – None Detected Brown Tile – Not Analyzed (Positive Stop) Mastic – Not Analyzed (Positive Stop)
04	04-10	Brown 12"x12" faux parkay self-stick floor tile	2	Damaged	Floor Tile – None Detected
	04-11				Floor Tile – None Detected
	04-12				Floor Tile – None Detected
05	05-13	Brown self-stick sheet flooring	4	Damaged	None Detected
	05-14				None Detected
	05-15				None Detected

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
4206 Lincoln Road
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
06	06-16	Red-painted gray transite roof shingles with black tar	StreetSide roof	Damaged	Shingle – 15% Chrysotile Tar – None Detected
	06-17				Shingle – Not Analyzed (Positive Stop) Tar – None Detected
	06-18				Shingle – Not Analyzed (Positive Stop) Tar – None Detected
07	07-19	Black roofing shingle and flashing	House rear roof	Significantly Damaged	Shingle – None Detected
	07-20				Shingle – None Detected
	07-21				Shingle – None Detected Flashing – 5% Chrysotile

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929888

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 4206 Lincoln - BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/11/2019 9:20 AM

Analysis Date: 10/15/2019 - 10/17/2019

Collected Date: 10/10/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01 <small>041929888-0001</small>	4206 Lincoln - 1 - White 1' x 1' Ceiling Tile	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
01-02 <small>041929888-0002</small>	4206 Lincoln - 6 - White 1' x 1' Ceiling Tile	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
01-03 <small>041929888-0003</small>	4206 Lincoln - 3 - White 1' x 1' Ceiling Tile	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
02-04-Floor Tile <small>041929888-0004</small>	4206 Lincoln - 1 - Cream Self-stick 12" x 12" Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04-Adhesive <small>041929888-0004A</small>	4206 Lincoln - 1 - Cream Self-stick 12" x 12" Floor Tile	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-05-Floor Tile <small>041929888-0005</small>	4206 Lincoln - 1 - Cream Self-stick 12" x 12" Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-05-Adhesive <small>041929888-0005A</small>	4206 Lincoln - 1 - Cream Self-stick 12" x 12" Floor Tile	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-06-Floor Tile <small>041929888-0006</small>	4206 Lincoln - 1 - Cream Self-stick 12" x 12" Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-06-Adhesive <small>041929888-0006A</small>	4206 Lincoln - 1 - Cream Self-stick 12" x 12" Floor Tile	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-07-Sheet Flooring <small>041929888-0007</small>	4206 Lincoln - 6 - Blue and White Sheet Flooring	White/Blue Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
03-07-Sheet Flooring <small>041929888-0007A</small>	4206 Lincoln - 6 - Yellow Sheet Flooring	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-07-Floor Tile <small>041929888-0007B</small>	4206 Lincoln - 6 - Brown 12" x 12' Floor Tile	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
03-07-Mastic <small>041929888-0007C</small>	4206 Lincoln - 6 - Black Mastic	Black Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
03-08-Sheet Flooring <small>041929888-0008</small>	4206 Lincoln - 6 - Blue and White Sheet Flooring	White/Blue Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
03-08-Sheet Flooring <small>041929888-0008A</small>	4206 Lincoln - 6 - Yellow Sheet Flooring	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-08-Floor Tile <small>041929888-0008B</small>	4206 Lincoln - 6 - Brown 12" x 12' Floor Tile				Positive Stop (Not Analyzed)

Initial report from: 10/17/2019 21:31:16



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929888
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
03-08-Mastic <i>041929888-0008C</i>	4206 Lincoln - 6 - Black Mastic				Positive Stop (Not Analyzed)
03-09-Sheet Flooring <i>041929888-0009</i>	4206 Lincoln - 6 - Blue and White Sheet Flooring	White/Blue Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
03-09-Sheet Flooring <i>041929888-0009A</i>	4206 Lincoln - 6 - Yellow Sheet Flooring	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-09-Floor Tile <i>041929888-0009B</i>	4206 Lincoln - 6 - Brown 12" x 12' Floor Tile				Positive Stop (Not Analyzed)
03-09-Mastic <i>041929888-0009C</i>	4206 Lincoln - 6 - Black Mastic				Positive Stop (Not Analyzed)
04-10-Floor Tile <i>041929888-0010</i>	4206 Lincoln - 2 - Brown Parking Self-stick 12" x 12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04-10-Adhesive <i>041929888-0010A</i>	4206 Lincoln - 2 - Brown Parking Self-stick 12" x 12" Floor Tile	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04-11 <i>041929888-0011</i>	4206 Lincoln - 2 - Brown Parking Self-stick 12" x 12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04-12 <i>041929888-0012</i>	4206 Lincoln - 2 - Brown Parking Self-stick 12" x 12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05-13 <i>041929888-0013</i>	4206 Lincoln - 3 - Brown Sheet Flooring Self-stick	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05-14 <i>041929888-0014</i>	4206 Lincoln - 3 - Brown Sheet Flooring Self-stick	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05-15 <i>041929888-0015</i>	4206 Lincoln - 3 - Brown Sheet Flooring Self-stick	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-16-Shingle <i>041929888-0016</i>	4206 Lincoln - Roof - Red Painted Gray Transite Roof Shingle	Red Fibrous Homogeneous		85% Non-fibrous (Other)	15% Chrysotile
06-16-Tar <i>041929888-0016A</i>	4206 Lincoln - Roof - Black Tar	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-17-Shingle <i>041929888-0017</i>	4206 Lincoln - Roof - Red Painted Gray Transite Roof Shingle				Positive Stop (Not Analyzed)
06-17-Tar <i>041929888-0017A</i>	4206 Lincoln - Roof - Black Tar	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-18-Shingle <i>041929888-0018</i>	4206 Lincoln - Roof - Red Painted Gray Transite Roof Shingle				Positive Stop (Not Analyzed)
06-18-Tar <i>041929888-0018A</i>	4206 Lincoln - Roof - Black Tar	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 10/17/2019 21:31:16



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EMSL Order: 041929888
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
07-19 <i>041929888-0019</i>	4206 Lincoln - Roof - Black Roof Shingle	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
07-20 <i>041929888-0020</i>	4206 Lincoln - Roof - Black Roof Shingle	Black Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-21-Shingle <i>041929888-0021</i>	4206 Lincoln - Roof - Black Roof Shingle	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
07-21-Flashing <i>041929888-0021A</i>	4206 Lincoln - Roof - Black Roof Shingle	Gray/Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile

Analyst(s)

Gregory Barry (10)
Maxwell Taylor (22)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 10/17/2019 21:31:16

4206 Lincoln Rd 041929888



Asbestos Bulk Sample Log & Chain

Study Form

Lab Use Only:

Select a Laboratory:

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location:

Page of

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	4206 Lincoln - 1	White 1'x1' Ceiling Tile	B33d6	500 SF	G D SD
01-02	- 6				
01-07	- 3				
02-04	- 1	Green Self-Stick 12"x12"	1	150 SF	G D SD
02-05	- 1	Floc Tile			
02-06	- 1				
03-07	- 6	Blue & White Sheet Flooring	625	150 200 SF	G D SD
03-08	- 6	on Top of Yellow Sheet Flooring			
03-09	- 6	on Top of Brown 12"x12" Floor Tile - Black Black Mosaic			
04-10	- 2	Brown Packay Self-Stick	2	150 SF	G D SD
04-11	- 2	12"x12" Floc Tile			
04-12	- 2				
05-13	- 3	Brown Sheet Flooring Self-Stick	4	100 SF	G D SD
05-14	- 3				
05-15	- 3				
06-16	- Roof	Red-painted Gray Transite	Roof	450 SF	G D SD
06-17	-	Roof Shingles w/ Black Tac	-street side		
06-18	-				
07-19	- Red	Black Roof Shingles	Roof + Streetside	450 SF	G D SD
07-20	- Red				
07-21	- Roof				

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CINNAMINSON, N.J.
OCT 11 AM 9:30

Sh

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: White 1'x1' ceiling tile.



View of HA-02: Cream self-stick 12"x12" floor tile.



View of HA-03: Blue and white sheet flooring atop yellow sheet flooring atop brown 12"x12" floor tile with black mastic



View of HA-04: Brown 12"x12" faux parkay self-stick floor tiles.



View of HA-05: Brown self-stick sheet flooring.



View of HA-06: Red-painted gray transite roof shingles with black tar.



View of HA-07: Black roofing shingle and flashing.

APPENDIX D
EXHIBITS

**ASBESTOS BULK
SAMPLE LOCATIONS**

LEGEND

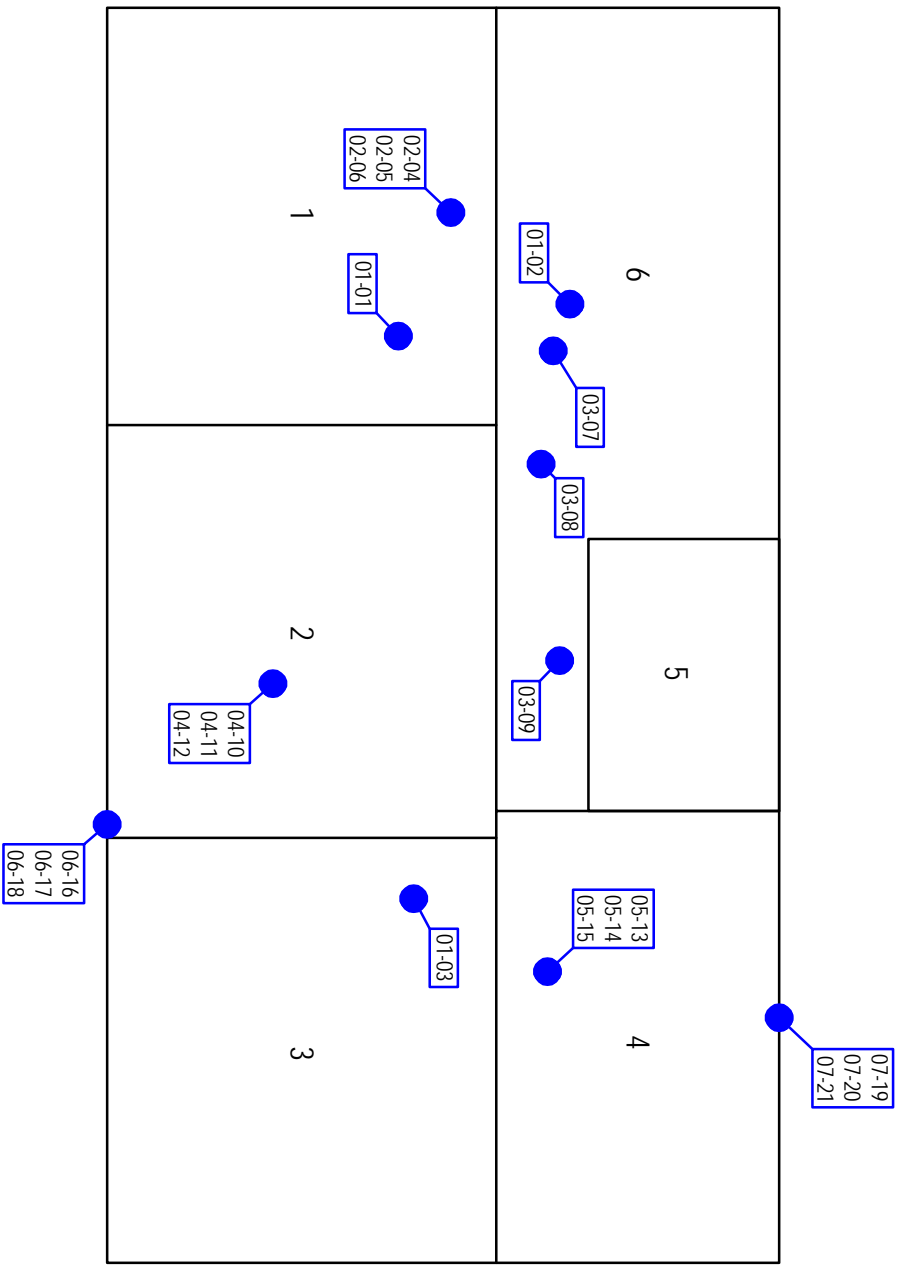
Project Mngt:	SML	Project No:	BB197056
Drawn By:	AMM	Scale:	NOT TO SCALE
Checked By:	SML	File No:	SAMPLE10C.dwg
Approved By:	ZLD	Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists

524 ELWOOD PARK BLVD NEW ORLEANS, LA 70122
(504) 818-3638

4206 LINCOLN RD. - BULK SAMPLE LOCATIONS
LIMITED ASBESTOS SURVEY
CITY OF ALEXANDRIA - 4206 LINCOLN RD. - CD12711
4206 LINCOLN ROAD
ALEXANDRIA, LOUISIANA

LINCOLN RD.



EXHIBIT

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

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Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

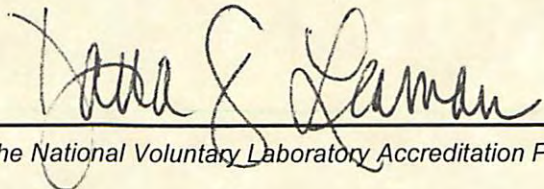
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

- Emergency** Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. **Explanation to justify your emergency request must be provided** (see Section XIV).
- Revision** ADVF #s to be revised _____
- Cancellation** ADVF #s to be canceled _____

I. Type of Notification (check only one box)	
<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Disposal Only
<input type="checkbox"/> Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).	<input type="checkbox"/> Additional Latest ADVF# Issued _____
II. Type of Operation (check only one box)	
<input checked="" type="checkbox"/> Reno & Demo (ACM or RACM removal & subsequent demo)	<input type="checkbox"/> Renovation
<input type="checkbox"/> RACM Demo (entire structure treated as RACM)	<input type="checkbox"/> ACDA
<input type="checkbox"/> Response Action (schools, state, public or commercial bldgs.)	
Is structure being demolished under order of a state or local government agency? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Complete Sec. XIII)	
III. Facility Description	
Facility Name <u>Residential Structure</u>	Project Designer Info (schools, state, public or commercial buildings)
Physical Address <u>4206 Lincoln Road</u>	Name _____
City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u>	LA Accred. No. _____
Parish <u>Rapides</u>	Building Size (sq. ft.) <u>850</u>
Owner Name _____	No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u>
Contact Name _____	Location on site (Bldg, Floor, Room, etc.) where work is done <u>Structure will be razed.</u>
Mailing Address _____	
City _____ State _____ Zip _____	Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input checked="" type="checkbox"/> Other <u>Blighted structure</u>
Contact Phone () _____	Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input type="checkbox"/> Other _____
Contact Email _____	

IV. Determination of Asbestos Present **Known or Assumed Asbestos Present** (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ
 Inspector's Accred. No. MI200658 Lab Accred. No. 131900
 Inspection Date 10/10/2019 (mm/dd/yy) Analysis Date 10/17/2019 (mm/dd/yy)
 Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

- Attach the following copies:**
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> VAT <input checked="" type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input type="checkbox"/> Other <u>Roof flashing</u>	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input checked="" type="checkbox"/> Mastic <input type="checkbox"/> Other _____
Amount of Asbestos Material	_____ Linear Feet _____ Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard <small>*ACD = Asbestos-contaminated Debris</small>	_____ Linear Feet <u>850</u> Square Feet _____ ACM Cubic Yard	_____ Linear Feet <u>200</u> Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name _____ On-site Supervisor's Name _____
 LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____
 Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)
 City _____ State _____ Zip _____ Contact Name _____
 Phone () _____ ‡A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____
 Mailing Address _____ Contact Email _____
 City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____
LDEQ SW Transporter No. T- _____ Contact Email _____
Mailing Address _____ Contact Phone () _____
City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

SW Transporter Name _____ Physical Location of Non-processing Transfer Station _____
LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____
Mailing Address _____ Contact Name _____
City _____ State _____ Zip _____ Contact Email _____
Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____
Physical Address _____ Contact Phone () _____
City _____ State _____ Zip _____ Mailing Address _____
City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency City of Alexandria, LA
Representative Name Kenna Lavalais Government Agency Community Development Department
Representative's Title Demolition Program Manager
Date Issued March 7, 2017 (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). City Resolution 9633-2017

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi) _____

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components _____

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1).
No vouchers will be accepted for emergencies.
NO FEE For revisions or cancellations.

Submittal Information

- **For Emergencies** - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- **For Non-emergencies** - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9666-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 12 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 12 structures.

30 days - Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to July 25, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code or to be reconsidered for Condemnation.

<u>Property Address</u>	<u>Property Owner</u>
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on July 25, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

90 days - Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to September 19, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on September 19, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

120 days Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to October 31, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue	David A. Sheffield

(Mr. Larvadain abstain on this item)

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or

fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on October 31, 2017, all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on June 13, 2017, the facts justifying Condemnation of the structures and improvements on the following properties and it is Ordered the following properties are condemned and shall be demolished and removed by the City or its agents within Thirty(30) days of this Order or within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
3933 Clinton Street	Oscar and Dorothy Jones
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee

BE IT FURTHER RESOLVED, etc., that in the Order of Condemnation is final and shall be enforceable in accordance with law and subject to R.S. 33:4763 and other laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Larvadain, Fowler, Silver, Johnson, Villard, Fuller, Green.

NAYS: None

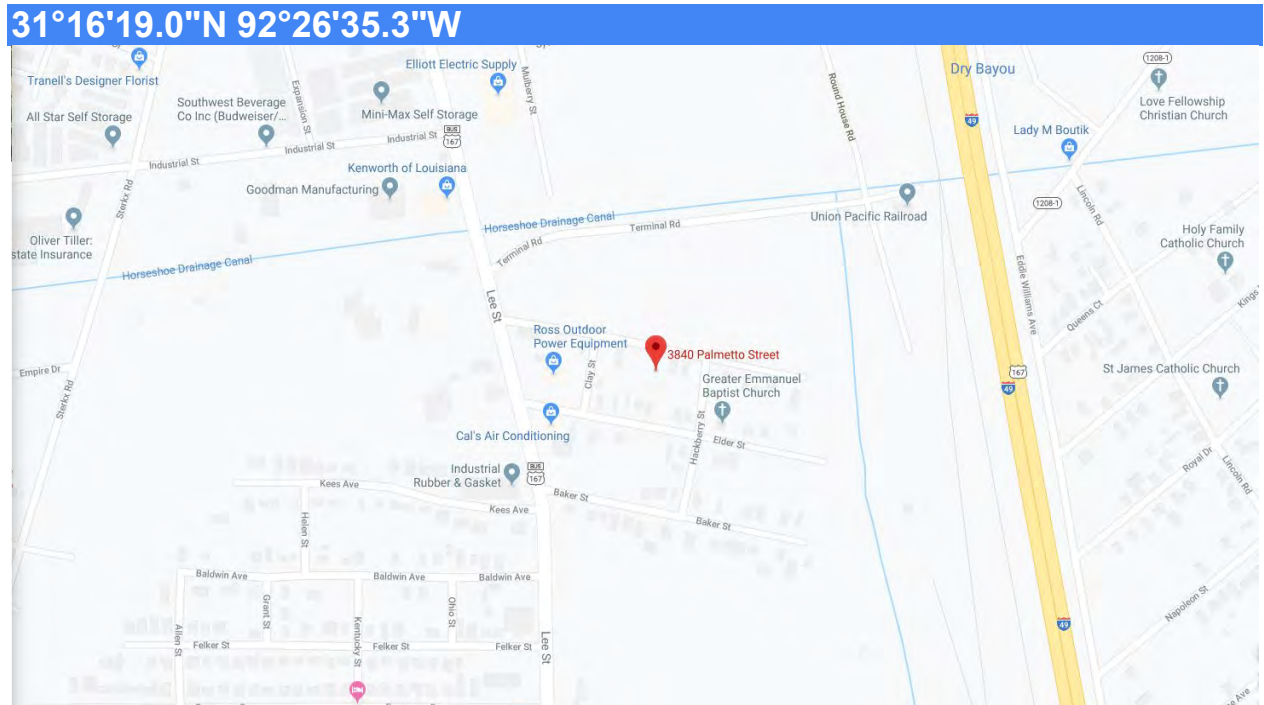
Absent: None

AND THE RESOLUTION was declared adopted on the 13th day of June, 2017.

/s/ Donna Jones

City Clerk

CD-12732
3840 Palmetto Street



Asbestos Survey Report

Residential Structure (CD12732)
3840 Palmetto Street
Alexandria, Louisiana

November 8, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 8, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12732)
3840 Palmetto Street
Alexandria, Louisiana
Terracon Project No. BB197056

Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 10, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,

Terracon Consultants, Inc.

Steven Latiolais
Staff Industrial Hygienist

Zack L. Dial
Senior Engineer

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6.0	GENERAL COMMENTS	5

APPENDIX A	Asbestos Survey Sample Summary Tables
APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12732)
3840 Palmetto Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 8, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 10, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 800 square-foot, single-story, modular home structure with a wood frame and aluminum veneer. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood with vinyl flooring. Walls and ceilings consisted of wood and/or gypsum wallboard.

Asbestos Survey Report

3840 Palmetto Street ■ Alexandria, Louisiana

November 8, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

3840 Palmetto Street ■ Alexandria, Louisiana

November 8, 2019 ■ Terracon Project No. BB197056



Nine (9) samples were collected from three (3) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

3840 Palmetto Street ■ Alexandria, Louisiana

November 8, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

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specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Regulated Asbestos Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

Laboratory analysis confirmed the following asbestos-containing friable materials:

- Brown sheet flooring

As the results of this survey indicated the structure contains RACM, all section of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. Upon proper notification, the LDEQ will issue an ADVF to provide approval to begin activities and to ensure that the ACM is removed and disposed of properly. The AAC-2a form must be on site during all RACM removal activities.

5.2 Special Conditions

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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

Asbestos Survey Report

3840 Palmetto Street ■ Alexandria, Louisiana

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represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by the City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
SUMMARY OF ASBESTOS CONTAINING MATERIALS
3840 Palmetto Street
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
02	Brown sheet flooring	1, 2	RACM	Good	Yes	8% Chrysotile	300 SF

RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
3840 Palmetto Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	White wallboard with texture	Ceilings throughout	Good	Wallboard – None Detected Joint Compound – None Detected
	01-02				Wallboard – None Detected Joint Compound – None Detected
	01-03				Wallboard – None Detected Joint Compound – None Detected
02	02-04	Brown sheet flooring	1, 2	Good	8% Chrysotile
	02-05				Not Analyzed (Positive Stop)
	02-06				Not Analyzed (Positive Stop)
03	03-07	Blue and white 12"x12" self-stick floor tile	3, 5	Damaged	None Detected
	03-08				None Detected
	03-09				None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order: 041929895

Customer ID: TCNL25

Customer PO: BB197506

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 3840 Palmetto - BB197506

Phone: (504) 818-3638

Fax:

Received Date: 10/11/2019 9:20 AM

Analysis Date: 10/14/2019 - 10/17/2019

Collected Date: 10/10/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01-Wallboard <i>041929895-0001</i>	3840 - Palmetto - 2 - White Wallboard	Brown/White Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
01-01-Texture <i>041929895-0001A</i>	3840 - Palmetto - 2 - Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-02-Wallboard <i>041929895-0002</i>	3840 - Palmetto - 3 - White Wallboard	Brown/White Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (Other)	None Detected
01-02-Texture <i>041929895-0002A</i>	3840 - Palmetto - 3 - Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-03-Wallboard <i>041929895-0003</i>	3840 - Palmetto - 4 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
01-03-Texture <i>041929895-0003A</i>	3840 - Palmetto - 4 - Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04 <i>041929895-0004</i>	3840 - Palmetto - 1 - Brown Sheet Flooring	Brown Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
02-05 <i>041929895-0005</i>	3840 - Palmetto - 1 - Brown Sheet Flooring				Positive Stop (Not Analyzed)
02-06 <i>041929895-0006</i>	3840 - Palmetto - 1 - Brown Sheet Flooring				Positive Stop (Not Analyzed)
03-07 <i>041929895-0007</i>	3840 - Palmetto - 5 - Blue and White Self-stick 12" x 12" Floor Tile	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-08 <i>041929895-0008</i>	3840 - Palmetto - 5 - Blue and White Self-stick 12" x 12" Floor Tile	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-09 <i>041929895-0009</i>	3840 - Palmetto - 5 - Blue and White Self-stick 12" x 12" Floor Tile	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 10/17/2019 13:05:11



EMSL Analytical, Inc.

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EMSL Order: 041929895

Customer ID: TCNL25

Customer PO: BB197506

Project ID:

Analyst(s)

Edward Zambrano (3)

Marvalyn Sandling (7)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 10/17/2019 13:05:11

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: White wallboard with texture.

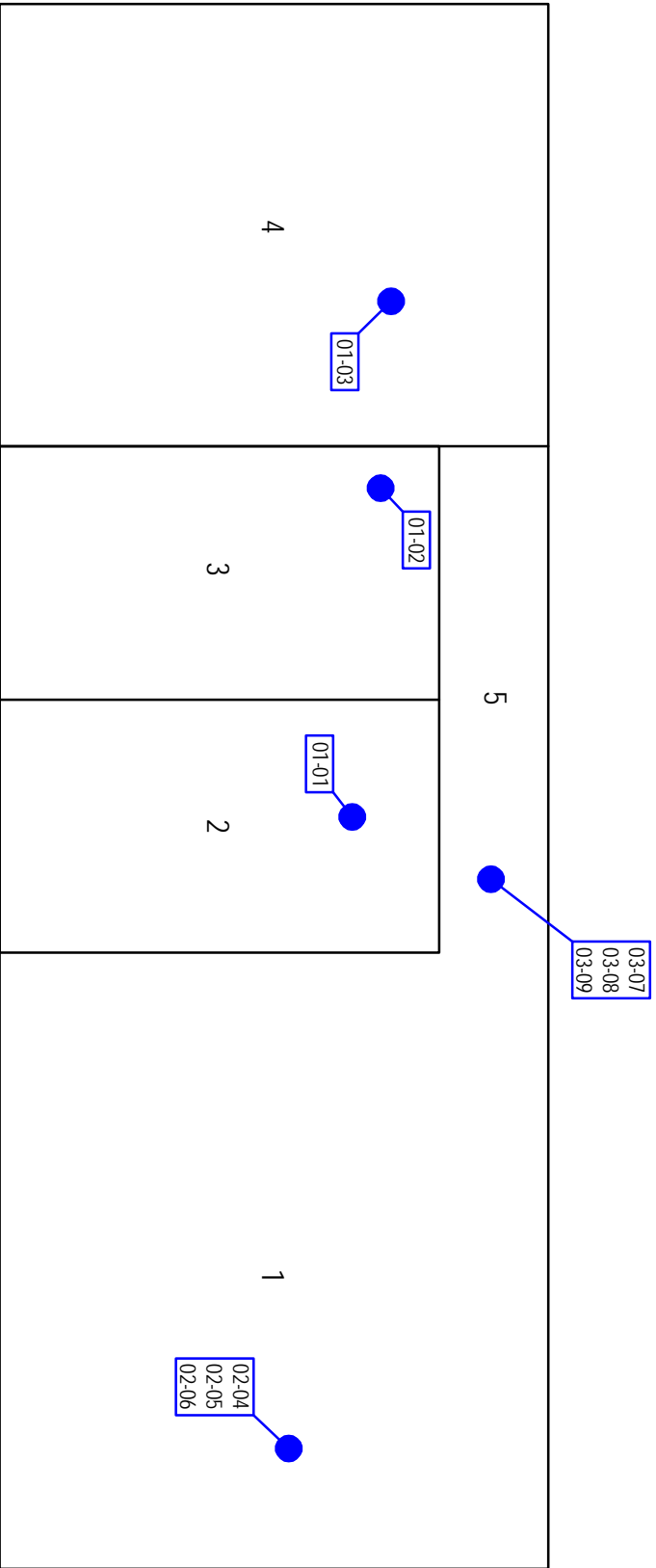


View of HA-02: Brown sheet flooring.



View of HA-03: Blue and white
12"x12" self-stick floor tile.


APPENDIX D
EXHIBITS



PALMETTO ST.

LEGEND

● ASBESTOS BULK
● SAMPLE LOCATIONS

Project Mng'r: SML	Project No: BB197056	 Consulting Engineers and Scientists	3840 PALMETTO ST. - BULK SAMPLE LOCATIONS LIMITED ASBESTOS SURVEY CITY OF ALEXANDRIA - 3840 PALMETTO ST. - CD12732 3840 PALMETTO STREET ALEXANDRIA, LOUISIANA	EXHIBIT 1
Drawn By: ANMM	Scale: NOT TO SCALE			
Checked By: SML	File No: SAMPLELOC.dwg	524 ELMWOOD PARK BLVD NEW ORLEANS, LA 70123 (504) 818-3638		
Approved By: ZLD	Date: OCTOBER 2019			

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

**Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division**

Issued Date: 21 June 2019
Effective Date: July 1, 2019
Expiration Date: June 30, 2020
Certificate Number: 04127



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

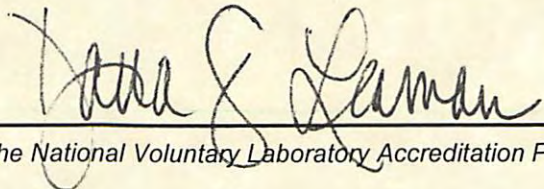
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

- Emergency** Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. **Explanation to justify your emergency request must be provided** (see Section XIV).
- Revision** ADVF #s to be revised _____
- Cancellation** ADVF #s to be canceled _____

I. Type of Notification (check only one box) <input checked="" type="checkbox"/> Original <input type="checkbox"/> Disposal Only <input type="checkbox"/> Additional Latest ADVF# Issued _____ <input type="checkbox"/> Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).	
II. Type of Operation (check only one box) <input checked="" type="checkbox"/> Reno & Demo (ACM or RACM removal & subsequent demo) <input type="checkbox"/> Renovation <input type="checkbox"/> ACDA <input type="checkbox"/> RACM Demo (entire structure treated as RACM) <input type="checkbox"/> Response Action (schools, state, public or commercial bldgs.) Is structure being demolished under order of a state or local government agency? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Complete Sec. XIII)	
III. Facility Description	
Facility Name <u>Residential Structure</u>	Project Designer Info (schools, state, public or commercial buildings)
Physical Address <u>3840 Palmetto Street</u>	Name _____
City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u>	LA Accred. No. _____
Parish <u>Rapides Parish</u>	Building Size (sq. ft.) <u>800</u>
Owner Name _____	No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u>
Contact Name _____	Location on site (Bldg, Floor, Room, etc.) where work is done _____
Mailing Address _____	Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input checked="" type="checkbox"/> Other <u>Blighted property.</u>
City _____ State _____ Zip _____	Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Installation <input type="checkbox"/> Other _____
Contact Phone () _____	
Contact Email _____	

IV. Determination of Asbestos Present **Known or Assumed Asbestos Present** (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL Cinnaminson, New Jersey

Inspector's Accred. No. MI200658 Lab Accred. No. 131900

Inspection Date 10/10/2019 (mm/dd/yy) Analysis Date 10/17/2019 (mm/dd/yy)

Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

- Attach the following copies:**
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input checked="" type="checkbox"/> Other <u>Sheet flooring</u>	<input type="checkbox"/> VAT <input type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____
Amount of Asbestos Material	_____ Linear Feet <u>300</u> Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard *ACD = Asbestos-contaminated Debris	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name _____ On-site Supervisor's Name _____

LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____

Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)

City _____ State _____ Zip _____ Contact Name _____

Phone () _____ ‡A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____

Mailing Address _____ Contact Email _____

City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____
LDEQ SW Transporter No. T- _____ Contact Email _____
Mailing Address _____ Contact Phone () _____
City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

SW Transporter Name _____ Physical Location of Non-processing Transfer Station _____
LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____
Mailing Address _____ Contact Name _____
City _____ State _____ Zip _____ Contact Email _____
Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____
Physical Address _____ Contact Phone () _____
City _____ State _____ Zip _____ Mailing Address _____
City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency City of Alexandria, LA
Representative Name Kenna Lavalais Government Agency Community Development Department
Representative's Title Demolition Program Manager
Date Issued May 16, 2017 (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). City Resolution 9656-2017

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi) _____

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components _____

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1).
No vouchers will be accepted for emergencies.
NO FEE For revisions or cancellations.

Submittal Information

- **For Emergencies** - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- **For Non-emergencies** - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9656-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF FIFTEEN (15) STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of fifteen (15) structures.

Removal

BE IT FURTHER RESOLVED, etc., that the owners, agent, or other representatives of the owners provided evidence to the Community Development Department that the Structure (s) listed was brought up to the City of Alexandria Property Standards Code.

2129 3 rd Street	Newton Collier
118 Cottage Street	Kenneth Wayne Joseph
1779 Mason Street	Stanford Joseph

30 Days Extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing to June 27, 2017 for the following properties and owners, agent, or other representatives of the owners to provide evidence to the Community Development Department for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code or to be reconsidered for Condemnation.

<u>Property Address</u>	<u>Property Owner</u>
1430 5 th Street	Bernadette S. Baker
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
417 Newman Street	Mark Fairley, ET AL

Provided that in the event the said properties and owners, agent, or other representatives of the owners of said properties within the time

allowed fail to timely provide sufficient evidence of the owners actions or fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 27, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria or to be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on May 16, 2017, the facts justifying Condemnation of the structures and improvements on the following properties and it is Ordered the following properties are condemned and shall be demolished and removed by the City or its agents within Thirty(30) days of this Order or within the discretion of the City at any time thereafter:

<u>Property Address</u>	<u>Property Owner</u>
2524 8 th Street	Marie C. Allen
312 Bogan Street (Larvadain – Abstain on the above)	C E S R LLC, Clarence Spottsville
2530 Memphis, Unit A & B (Larvadain abstain on the above)	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
3022 Houston Street	Deborah Phoenix Jones
2742 10 th Street	Thomas Cherneva

BE IT FURTHER RESOLVED, etc., that in the Order of Condemnation is final and shall be enforceable in accordance with law and subject to R.S. 33:4763 and other laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 16th day of May, 2017.

/s/ Donna Jones
City Clerk

CD-12572
56 Eastwood Avenue



31°18'21.3"N 92°28'15.0"W



Asbestos Survey Report

Residential Structure (CD12572)
56 Eastwood Boulevard
Alexandria, Louisiana

November 5, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 5, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12731)
1030 Dallas Street
Alexandria, Louisiana
Terracon Project No. BB197056

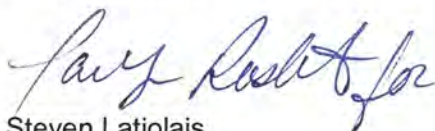
Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 8, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.


Steven Latiolais
Staff Industrial Hygienist



Zack L. Dial
Senior Engineer

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APPENDIX A	Asbestos Survey Sample Summary Tables
APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12572)
56 Eastwood Boulevard
Alexandria, Louisiana
Terracon Project No. BB197056
November 5, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 8, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,000-square foot, single-story, pier-and-beam structure with a wood frame. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood, and walls and ceilings consisted of wood and/or drywall system wallboard.

Asbestos Survey Report

56 Eastwood Boulevard ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

56 Eastwood Boulevard ■ Alexandria, Louisiana
November 5, 2019 ■ Terracon Project No. BB197056



Forty-two (42) samples were collected from fourteen (14) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

56 Eastwood Boulevard ■ Alexandria, Louisiana
November 5, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

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specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Cat I Non-friable Asbestos-Containing Material

Laboratory analysis confirmed the following asbestos-containing Category I non-friable materials:

- White 12"x12" floor tiles

According to LDEQ and EPA NESHAP regulations, packings, gaskets, resilient floor coverings, and asphalt roofing products 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 scraping, 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.

5.2 Category II Non-friable Asbestos-Containing Material

Laboratory analysis confirmed the following asbestos-containing Category II non-friable materials:

- Black sink bottom coating

According to LDEQ and EPA NESHAP regulations, Category II non-friable ACM is any material, excluding Category I non-friable ACM, that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forced expected to act on the material in the course of demolition operations are considered Regulated Asbestos Containing Materials (RACM) and are required to be abated prior to demolition.

5.3 Regulated Asbestos-Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

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Laboratory analysis confirmed the following asbestos-containing friable materials:

- Blue heat shield
- White window glazing

As the results of this survey indicated the structure contains RACM, all section of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. Upon proper notification, the LDEQ will issue an ADVF to provide approval to begin abatement activities and to ensure that the RACM is removed and disposed of properly. The AAC-2a form must be on site during all RACM removal activities. A completed Form AAC-2 can be found in Appendix F.

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

5.3.1 Special Conditions

Asbestos was identified in concentrations greater than 1% in joint compound associated with wall systems within the subject structure (Samples 04-10, 04-11, 04-12). However, the composite PLM sample analysis of the drywall and joint compound was less than 1%; therefore, the drywall and joint compound system is not considered ACM per NESHAP. However, the OSHA Asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos regardless of concentration. 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 disturbance of this material has the potential to result in the release of airborne asbestos fibers.

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

Asbestos Survey Report

56 Eastwood Boulevard ■ Alexandria, Louisiana

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represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by the City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
CONFIRMED ASBESTOS CONTAINING MATERIALS
56 Eastwood Boulevard
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
05	Blue heat shield	6	RACM	Damaged	Yes	8% Chrysotile	1.5 SF
06	White window glazing	All windows	RACM	Damaged	Yes	3% Chrysotile	10 Windows
08	Black sink undercoat	2	Cat II NF	Good	No	2% Chrysotile	1 Sink
12	White 12"x12" floor tile	1	Cat I NF	Damaged	No	2% Chrysotile	200 SF

Cat I NF = Category I Non-Friable ACM

Cat II NF = Category II Non-Friable ACM

RACM = Regulated Asbestos Containing Material

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
56 Eastwood Boulevard
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	White popcorn ceiling texture	Ceilings in 2, 5, 10	Significantly Damaged	None Detected
	01-02				None Detected
	01-03				None Detected
02	02-04	White pinhole 1'x1' ceiling tile	1	Damaged	None Detected
	02-05				None Detected
	02-06				None Detected
03	03-07	Smooth white 1'x1' ceiling tile	7, 8	Damaged	None Detected
	03-08				None Detected
	03-09				None Detected
04	04-10	White drywall with joint compound	Throughout	Damaged	Drywall – None Detected Joint Compound – 4% Chrysotile Composite – <1% Chrysotile
	04-11				Drywall – None Detected Joint Compound - Insufficient Material Composite – None Detected
	04-12				Drywall – None Detected Joint Compound – Positive Stop (Not Analyzed) Composite – <1% Chrysotile
05	05-13	Blue heat shield	6	Damaged	8% Chrysotile
	05-14				Positive Stop (Not Analyzed)
	05-15				Positive Stop (Not Analyzed)
06	06-16	White window glazing	All windows	Damaged	3% Chrysotile
	06-17				Positive Stop (Not Analyzed)
	06-18				Positive Stop (Not Analyzed)

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
56 Eastwood Boulevard
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
07	07-19	Brown faux wood sheet flooring with fiber backing atop white faux ceramic tile sheet flooring with fiber backing	2	Damaged	Brown Flooring – None Detected Backing – None Detected White Flooring – None Detected Backing – None Detected
	07-20				Brown Flooring – None Detected Backing – None Detected White Flooring – None Detected Backing – None Detected
	07-21				Brown Flooring – None Detected Backing – None Detected White Flooring – None Detected Backing – None Detected
08	08-22	Black sink undercoat	2	Good	2% Chrysotile
	08-23				Positive Stop (Not Analyzed)
	08-24				Positive Stop (Not Analyzed)
09	09-25	Black and white 12"x12" self-stick floor tile	2	Damaged	None Detected
	09-26				None Detected
	09-27				None Detected
10	10-28	Brown faux ceramic tile self-stick sheet flooring	2	Damaged	None Detected
	10-29				None Detected
	10-30				None Detected
11	11-31	Rust brown 12"x12" floor tile with black mastic	7	Damaged	Tile – None Detected Mastic – None Detected
	11-32				Tile – None Detected Mastic – None Detected
	11-33				Tile – None Detected Mastic – None Detected

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
56 Eastwood Boulevard
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
12	12-34	White 12"x12" floor tile with yellow adhesive	1	Damaged	Tile – 2% Chrysotile Adhesive – None Detected
	12-35				Tile – Positive Stop (Not Analyzed) Adhesive – None Detected
	12-36				Tile – Positive Stop (Not Analyzed) Adhesive – None Detected
13	13-37	Black vapor barrier	Behind siding	Damaged	None Detected
	13-38				None Detected
	13-39				None Detected
14	14-40	Black roof shingle and black felt paper	Roof	Damaged	Shingle – None Detected Paper – None Detected
	14-41				Shingle – None Detected Paper – None Detected
	14-42				Shingle – None Detected Paper – None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



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Received Date: 10/11/2019 9:20 AM

Analysis Date: 10/14/2019 - 10/29/2019

Collected Date: 10/08/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01 <i>041929875-0001</i>	56 Eastwood - 2 - White Popcorn Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-02 <i>041929875-0002</i>	56 Eastwood - 5 - White Popcorn Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-03 <i>041929875-0003</i>	56 Eastwood - 10 - White Popcorn Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04 <i>041929875-0004</i>	56 Eastwood - 1 - White Pinhole 1'x1' Ceiling Tile	Brown/White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
02-05 <i>041929875-0005</i>	56 Eastwood - 1 - White Pinhole 1'x1' Ceiling Tile	Brown/White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
02-06 <i>041929875-0006</i>	56 Eastwood - 1 - White Pinhole 1'x1' Ceiling Tile	Brown/White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
03-07 <i>041929875-0007</i>	56 Eastwood - 8 - Smooth White 1'x1' Ceiling Tile	Brown/White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
03-08 <i>041929875-0008</i>	56 Eastwood - 8 - Smooth White 1'x1' Ceiling Tile	Brown/White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
03-09 <i>041929875-0009</i>	56 Eastwood - 7 - Smooth White 1'x1' Ceiling Tile	Brown/White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
04-10-Drywall <i>041929875-0010</i>	56 Eastwood - 8 - White Drywall	Brown/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
04-10-Joint Compound <i>041929875-0010A</i>	56 Eastwood - 8 - Joint Compound	White Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
04-10-Composite <i>041929875-0010B</i>	56 Eastwood - 8 - White Drywall / Joint Compound	Brown/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
04-11-Drywall <i>041929875-0011</i>	56 Eastwood - 9 - White Drywall	Brown/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
04-11-Joint Compound <i>041929875-0011A</i>	56 Eastwood - 9 - Joint Compound				Insufficient Material
04-11-Composite <i>041929875-0011B</i> <i>No joint compound present.</i>	56 Eastwood - 9 - White Drywall / Joint Compound	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
04-12-Drywall <i>041929875-0012</i>	56 Eastwood - 10 - White Drywall	Brown/White Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected

Report amended: 10/29/2019 15:26:00 Replaces initial report from: 10/19/2019 08:22:29 Reason Code: Client-Additional Analysis



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EMSL Order: 041929875
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
04-12-Joint Compound <i>041929875-0012A</i>	56 Eastwood - 10 - Joint Compound				Positive Stop (Not Analyzed)
04-12-Composite <i>041929875-0012B</i>	56 Eastwood - 10 - White Drywall / Joint Compound	Brown/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	None Detected
05-13 <i>041929875-0013</i>	56 Eastwood - 6 - Blue Heat Shield	Blue Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
05-14 <i>041929875-0014</i>	56 Eastwood - 6 - Blue Heat Shield				Positive Stop (Not Analyzed)
05-15 <i>041929875-0015</i>	56 Eastwood - 6 - Blue Heat Shield				Positive Stop (Not Analyzed)
06-16 <i>041929875-0016</i>	56 Eastwood - 10 - White Window Glazing	White Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
06-17 <i>041929875-0017</i>	56 Eastwood - 10 - White Window Glazing				Positive Stop (Not Analyzed)
06-18 <i>041929875-0018</i>	56 Eastwood - 9 - White Window Glazing				Positive Stop (Not Analyzed)
07-19-Sheet Flooring <i>041929875-0019</i>	56 Eastwood - 2 - Brown Faux Wood Sheet Flooring	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-19-Backing <i>041929875-0019A</i>	56 Eastwood - 2 - Fiber Backing	Gray Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
07-19-Sheet Flooring <i>041929875-0019B</i>	56 Eastwood - 2 - White Faux Ceramic Tile Sheet Flooring	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-19-Backing <i>041929875-0019C</i>	56 Eastwood - 2 - Fiber Backing	Gray Fibrous Homogeneous	65% Cellulose 10% Glass	25% Non-fibrous (Other)	None Detected
07-20-Sheet Flooring <i>041929875-0020</i>	56 Eastwood - 2 - Brown Faux Wood Sheet Flooring	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-20-Backing <i>041929875-0020A</i>	56 Eastwood - 2 - Fiber Backing	Gray Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
07-20-Sheet Flooring <i>041929875-0020B</i>	56 Eastwood - 2 - White Faux Ceramic Tile Sheet Flooring	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-20-Backing <i>041929875-0020C</i>	56 Eastwood - 2 - Fiber Backing	Gray Fibrous Homogeneous	60% Cellulose 5% Glass	35% Non-fibrous (Other)	None Detected
07-21-Sheet Flooring <i>041929875-0021</i>	56 Eastwood - 2 - Brown Faux Wood Sheet Flooring	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-21-Backing <i>041929875-0021A</i>	56 Eastwood - 2 - Fiber Backing	Gray Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
07-21-Sheet Flooring <i>041929875-0021B</i>	56 Eastwood - 2 - White Faux Ceramic Tile Sheet Flooring	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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EMSL Order: 041929875
Customer ID: TCNL25
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Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
07-21-Backing <small>041929875-0021C</small>	56 Eastwood - 2 - Fiber Backing	Gray Fibrous Homogeneous	65% Cellulose 10% Glass	25% Non-fibrous (Other)	None Detected
08-22 <small>041929875-0022</small>	56 Eastwood - 2 - Black Sink Undercoat	Black Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
08-23 <small>041929875-0023</small>	56 Eastwood - 2 - Black Sink Undercoat				Positive Stop (Not Analyzed)
08-24 <small>041929875-0024</small>	56 Eastwood - 2 - Black Sink Undercoat				Positive Stop (Not Analyzed)
09-25 <small>041929875-0025</small>	56 Eastwood - 2 - Black and White 12"x12" Self-stick Floor Tile	White/Black Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (Other)	None Detected
09-26 <small>041929875-0026</small>	56 Eastwood - 2 - Black and White 12"x12" Self-stick Floor Tile	White/Black Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (Other)	None Detected
09-27 <small>041929875-0027</small>	56 Eastwood - 2 - Black and White 12"x12" Self-stick Floor Tile	White/Black Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (Other)	None Detected
10-28 <small>041929875-0028</small>	56 Eastwood - 2 - Brown Faux Ceramic Tile Sheet Flooring Self-stick	Brown Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (Other)	None Detected
10-29 <small>041929875-0029</small>	56 Eastwood - 2 - Brown Faux Ceramic Tile Sheet Flooring Self-stick	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10-30 <small>041929875-0030</small>	56 Eastwood - 2 - Brown Faux Ceramic Tile Sheet Flooring Self-stick	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-31-Floor Tile <small>041929875-0031</small>	56 Eastwood - 7 - Rust Brown 12"x12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-31-Mastic <small>041929875-0031A</small>	56 Eastwood - 7 - Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-32-Floor Tile <small>041929875-0032</small>	56 Eastwood - 7 - Rust Brown 12"x12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-32-Mastic <small>041929875-0032A</small>	56 Eastwood - 7 - Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-33-Floor Tile <small>041929875-0033</small>	56 Eastwood - 7 - Rust Brown 12"x12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-33-Mastic <small>041929875-0033A</small>	56 Eastwood - 7 - Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-34-Floor Tile <small>041929875-0034</small>	56 Eastwood - 1 - White 12"x12" Floor Tile	White Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12-34-Adhesive <i>041929875-0034A</i>	56 Eastwood - 1 - Yellow Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-35-Floor Tile <i>041929875-0035</i>	56 Eastwood - 1 - White 12"x12" Floor Tile				Positive Stop (Not Analyzed)
12-35-Adhesive <i>041929875-0035A</i>	56 Eastwood - 1 - Yellow Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-36-Floor Tile <i>041929875-0036</i>	56 Eastwood - 1 - White 12"x12" Floor Tile				Positive Stop (Not Analyzed)
12-36-Adhesive <i>041929875-0036A</i>	56 Eastwood - 1 - Yellow Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
13-37 <i>041929875-0037</i>	56 Eastwood - 2 - Black Vapor Barrier	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
13-38 <i>041929875-0038</i>	56 Eastwood - 2 - Black Vapor Barrier	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
13-39 <i>041929875-0039</i>	56 Eastwood - 8 - Black Vapor Barrier	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
14-40-Shingle <i>041929875-0040</i>	56 Eastwood - Roof - Black Roof Shingle	Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
14-40-Felt Paper <i>041929875-0040A</i>	56 Eastwood - Roof - Black Felt Paper	Black Fibrous Homogeneous	30% Glass	70% Non-fibrous (Other)	None Detected
14-41-Shingle <i>041929875-0041</i>	56 Eastwood - Roof - Black Roof Shingle	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
14-41-Felt Paper <i>041929875-0041A</i>	56 Eastwood - Roof - Black Felt Paper	Black Fibrous Homogeneous	30% Glass	70% Non-fibrous (Other)	None Detected
14-42-Shingle <i>041929875-0042</i>	56 Eastwood - Roof - Black Roof Shingle	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
14-42-Felt Paper <i>041929875-0042A</i>	56 Eastwood - Roof - Black Felt Paper	Black Fibrous Homogeneous	30% Glass	70% Non-fibrous (Other)	None Detected

Analyst(s) _____

Christopher Richardson (3)

Nancy Stalter (16)

Tyler Hurwitt (37)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Report amended: 10/29/2019 15:26:00 Replaces initial report from: 10/19/2019 08:22:29 Reason Code: Client-Additional Analysis

Teri Jcon

56 Eastwood

Asbestos Bulk Sample Log & Chain of Custody Form

041929875

Lab Use Only:

Select a Laboratory

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location:

Page 2 of 4

OrderID: 041929875

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition
01-01	56 Eastwood - 2	White Popcorn Ceiling Texture	2, 5, 10	450 SF	G D SD
01-02	-5				
01-03	-10				
02-04	-1	White Finhole 1'x1'	1	200 SF	G D SD
02-05	1	Ceiling Tile			
03-07	-8	Smooth White 1'x1'	728	180 SF	G D SD
03-08	-8	Ceiling Tile			
03-09	-7				
04-10	-9	White Dry wall	2000	1000 SF	G D SD
04-11	-9	w/ Joint compound	throughout		
04-12	-10				
05-13	-6				
05-14	-6	Blue Heat Shield	6	1 Heat Shield	G D SD
05-15	-6				
06-16	-10	White Window Glazing	All windows	10 windows	G D SD
06-17	-10				
06-18	-9				
07-19	-2	Brown Fungus Wood Sheaf Flooring		150 SF	G D SD
07-20	-2	Fiber Backing on top of White			
07-21	-2	Fiber Ceramic Tile Sheaf Flooring			
		with Fiber Backing			

TERRACON

Steinhausen

041929875

Asbestos Bulk Sample Log & Chain of custody Form

Lab Use Only:

Select a Laboratory

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location:

Page of

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
08-22	56 Estbank 2	Black Sink Undercoat	2	1 Sink	G D SD
08-22					
08-24					
08-25		Black & White 12" x 12"	2	1 SD	G B SD
09-26		Self-Stick Floor Tile		SF	G B SD
09-27					
10-28		Brown tan Ceramic Tile	2	1 SD	G D SD
10-29		Sheet Flooring Self-Stick		SF	G D SD
10-30					
11-31		Rust Brown 12" x 12" Floor Tile	7	3 SD	G D SD
11-32		w/ Black Mastic		3 SF	G D SD
11-33					
12-34		White 12" x 12" Floor Tile	1	2 SD	G D SD
12-35		w/ Yellow Adhesive		2 SF	G D SD
12-36					
13-37		Black Vapor Barrier	Behind Siding	200 SF	G D SD
13-38					
13-39					
14-40		Black Roof Shingle w/	Roof	2500 SF	G D SD
14-41					
14-42		Black Felt Paper	Roof		G D SD

2019 OCT 11 AM 9:33
RECEIVED
STEINHAUSEN, N.A.

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: White popcorn ceiling texture.



View of HA-02: White pinhole 1'x1' ceiling tile.



View of HA-03: Smooth white 1'x1' ceiling tile.



HA-04: White drywall with joint compound.



View of HA-05: Blue heat shield.



View of HA-06: White window glazing.



View of HA-07: Brown faux wood sheet flooring with fiber backing atop white faux ceramic tile sheet flooring with fiber backing.



HA-08: Black sink undercoat.



View of HA-09: Black and white 12"x12" self-stick floor tile.



View of HA-10: Brown faux ceramic tile self-stick sheet flooring.



View of HA-11: Rust brown 12"x12" floor tile with black mastic.



HA-12: White 12"x12" floor tile with yellow adhesive.

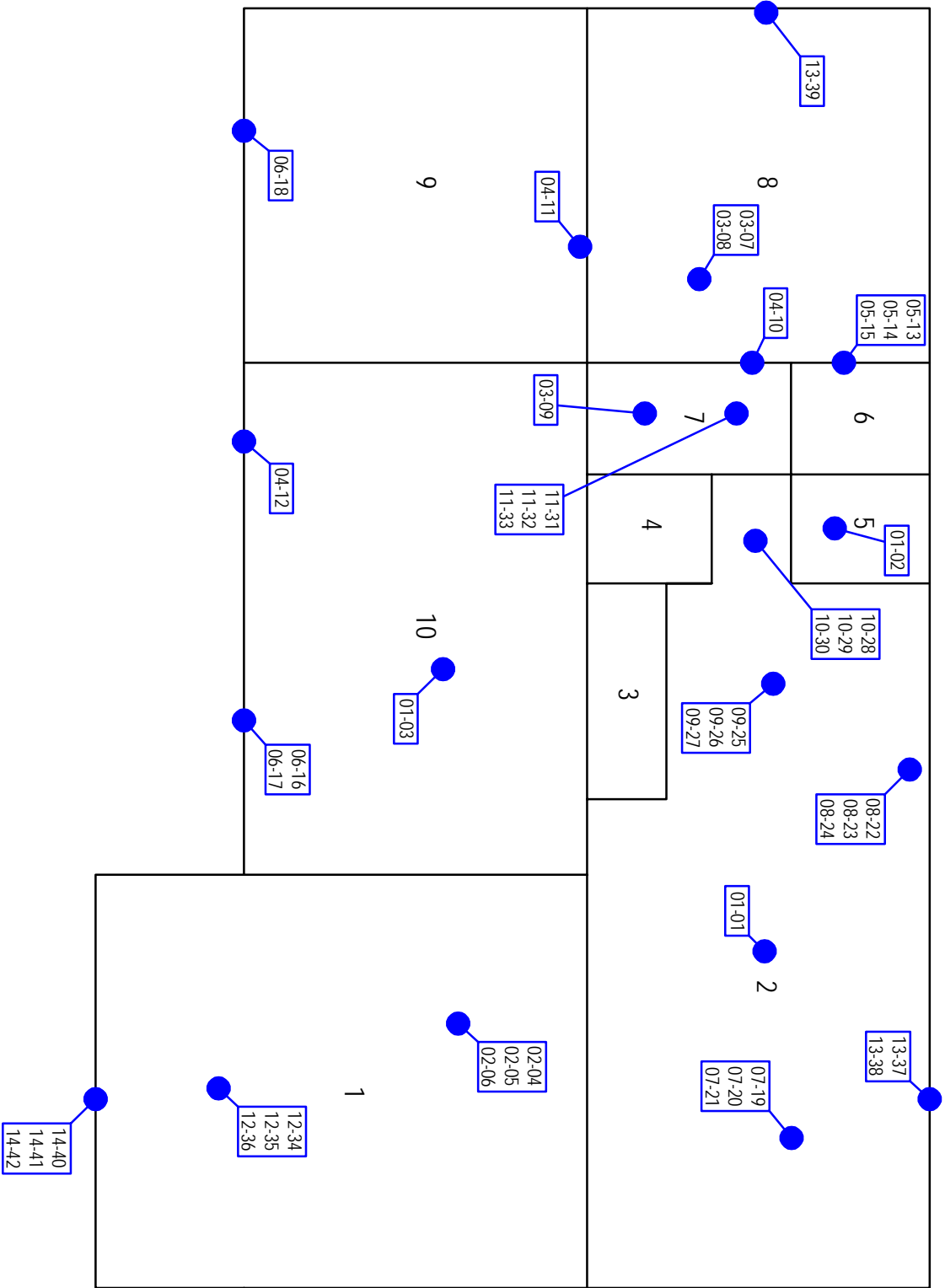


View of HA-13: Black vapor barrier.



View of HA-14: Black roof shingle and black felt paper.

APPENDIX D
EXHIBITS



EASTWOOD AVE.

LEGEND

- ASBESTOS BULK SAMPLE LOCATIONS

Project Mngt:	SML
Drawn By:	AMM
Checked By:	SML
Approved By:	ZLD

Project No:	BB197056
Scale:	NOT TO SCALE
File No.:	SAMPLELOC.dwg
Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists

5241 ELWOOD PARK BLVD NEW ORLEANS, LA 70123
(504) 818-3638

56 EASTWOOD AVE. - BULK SAMPLE LOCATIONS
LIMITED ASBESTOS SURVEY
CITY OF ALEXANDRIA - 56 EASTWOOD AVE. - CD12572
56 EASTWOOD AVENUE
ALEXANDRIA, LOUISIANA

EXHIBIT	1
---------	---

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

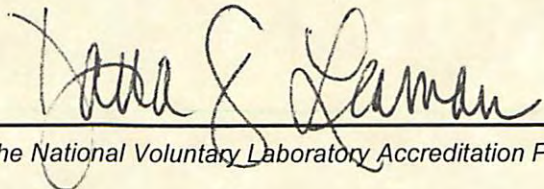
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

Emergency Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. **Explanation to justify your emergency request must be provided** (see Section XIV).

Revision ADVF #s to be revised _____

Cancellation ADVF #s to be canceled _____

I. Type of Notification (check only one box)

Original **Disposal Only** **Additional** Latest ADVF# Issued _____

Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).

II. Type of Operation (check only one box)

Reno & Demo (ACM or RACM removal & subsequent demo) **Renovation** **ACDA**
 RACM Demo (entire structure treated as RACM) **Response Action** (schools, state, public or commercial bldgs.)

Is structure being demolished under order of a state or local government agency? No Yes (Complete Sec. XIII)

III. Facility Description

Facility Name Residential Structure CD12572 Project Designer Info (schools, state, public or commercial buildings)

Physical Address 56 Eastwood Boulevard Name _____

City Alexandria State LA Zip 71301 LA Accred. No. _____

Parish Rapides Parish Building Size (sq. ft.) 1,000

Owner Name _____ No. Floors 1 Age of Building (Yrs) Unknown

Contact Name _____ Location on site (Bldg, Floor, Room, etc.) where work is done _____

Mailing Address _____

City _____ State _____ Zip _____

Contact Phone () _____

Contact Email _____

Present Use School State Bldg. Public/Commercial
 Residential Industrial Installation
 Other Blighted property.

Prior Use School State Bldg. Public/Commercial
 Residential Industrial Installation
 Other _____

IV. Determination of Asbestos Present **Known or Assumed Asbestos Present** (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL Cinnaminson, New Jersey
 Inspector's Accred. No. MI200658 Lab Accred. No. 131900
 Inspection Date 10/08/2019 (mm/dd/yy) Analysis Date 10/29/2019 (mm/dd/yy)
 Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

Attach the following copies:

- Signature page of inspection report for inspection date indicated (above)
- Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input checked="" type="checkbox"/> Other <u>Glazing, heat shield</u>	<input checked="" type="checkbox"/> VAT <input type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input checked="" type="checkbox"/> Other <u>Sink coating</u>	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____
Amount of Asbestos Material	_____ Linear Feet <u>60</u> _____ Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard <small>*ACD = Asbestos-contaminated Debris</small>	_____ Linear Feet <u>200</u> _____ Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name [‡] _____ On-site Supervisor's Name _____
 LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____
 Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)
 City _____ State _____ Zip _____ Contact Name _____
 Phone () _____ ‡A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____
 Mailing Address _____ Contact Email _____
 City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____
LDEQ SW Transporter No. T- _____ Contact Email _____
Mailing Address _____ Contact Phone () _____
City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

SW Transporter Name _____ Physical Location of Non-processing Transfer Station _____
LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____
Mailing Address _____ Contact Name _____
City _____ State _____ Zip _____ Contact Email _____
Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____
Physical Address _____ Contact Phone () _____
City _____ State _____ Zip _____ Mailing Address _____
City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency City of Alexandria, LA
Representative Name Kenna Lavalais Government Agency Community Development Department
Representative's Title Demolition Program Manager
Date Issued March 7, 2017 (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). City Resolution 9633-2017

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi) _____

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components _____

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1).
No vouchers will be accepted for emergencies.
NO FEE For revisions or cancellations.

Submittal Information

- **For Emergencies** - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- **For Non-emergencies** - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9633-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 142 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 142 structures.

Removal-demolition by owner

BE FURTHER RESOLVED, etc., that on recommendation of the Community Development Administrator the following structures because of actions by owners who have hired State Licensed Contractors, secured permits & have completed works or secured permits are removed from this condemnation list

- 1) 4321 3rd Street – Kirklin Construction, demolition complete
- 2) 1947 Overton Street - Lathan Construction, demolition complete
- 3) 1953 Overton Street - Lathan Construction, demolition complete
- 4) 1957 Overton Street - Lathan Construction, demolition complete
- 5) 1963 Overton Street - Lathan Construction, demolition complete

Removed – incorrect address

- 6) 5211 Lincoln Road – incorrect address submitted in original list.

Continuance of Council action to consider Condemnations

The following property owners hired State licensed Contractors to secure permits: (work to be completed by 3/31/2017)

- 1) 2904 3rd Street -Veal Construction, Demo Permit issued.
- 2) 2211 Broadway Avenue - Grant Eastern, Demo Permit issued.
- 3) 1626 Dallas Avenue - Grant Eastern, Demo Permit issued.
- 4) 2924 Lee Street -Alliance Design, working on construction drawings.
- 5) 2307 Memphis Street -Veal Construction, Rehab Permit issued.
- 6) 4012 Morris Street - Lathan Construction, Demo Permit issued,

BY
 CLERK & RECORDER
 RAPIDES PARISH, LA
 17 MAR 14 PM 1:55
 FILED & RECORDED
 ROBYN L. HOOTER
 RECORDER
 1597800

765-
 14-

- 7) 341 North 17th Street - Lathan Construction, Demo Permit issued.
- 8) 2806 Overton Street -Tennie Construction, Rehab Permit issued.
- 9) 1506 Park Avenue - Larwood Construction, Rehab Permit issued.
- 10) 2518 Wise Street -Tennie Construction, Rehab Permit issued.

30 days extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **April 18, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1720 Albert Street	Patrick LaCour
1758 Albert Street	Wasmer Properties, LLC
2024 Harris Street	Tameisha & Melvin Sigur
2302 Lee Street	Tameisha & Melvin Sigur
2243 Overton Street	Tameisha & Melvin Sigur
1512 Shirland Avenue	Felicia Dausat
3933 Clinton Street	Oscar & Dorothy Jones

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on April 18, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

60 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **May 16, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repaired and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
2129 3 rd Street	Newton Collier
1430 5 th Street	Bernadette S. Baker
2524 8 th Street	Marie C. Allen
312 Bogan Street	C E S R LLC, Clarence Spottsville
118 Cottage Street	Kenneth Wayne Joseph
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
1779 Mason Street	Stanford Joseph
2530 Memphis, Unit A & B	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
417 Newman Street	Mark Fairley, ET AL
3022 Houston Street	Deborrah Phoenix Jones
2742 10 th Street	Thoma Cherneva

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on May 16, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

90 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **June 13, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue (Larvadain abstained)	David A. Sheffield
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 13, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on March 7, 2017, the facts justifying Condemnation of the structures and improvements for the following properties, the law and evidence being in favor of Condemnation of the property it is Ordered the following properties are each **condemned** and shall be demolished and removed by the City or its agents within Sixty(60) days of this Order or otherwise within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
2424 3 rd Street	Page Livingston
3617 4 th street	Bakies Properties, LLC
3621 4 th street	Jerry Pearson
3108 9 th street	Alpha Capital/BMO Harris
3112 9 th street	Alice Hammond
3110 9 th Street	Frank R. Bordelon
3723 11 th street	Agnes Wallace
2447 Alma Street	Jerry Johnson
4110 Balentine Street	Colonial Financial Service Inc
99B Bertie Street	Walter Reynolds

1326 Charlton Street	Elsie H. Ryland
3925 Clinton Street	Henry Joffrion
1117 Cole Street	Leontina Dauzat
1119 Cole Street	Leontina Dauzat
2027 East Texas Avenue	Midwest Management
56 Eastwood Boulevard	Tri Brewer
1204 Fenner Street	Don Thompson
4517 Futrell Street	Willie M. Pickens
405 Gabriel Lane	Shirley Johnson
3008 Houston Street	Willie Wilson
3149 Houston Street	Savannah Webber
3305 Hudson Boulevard	Delwin Eldridge
3331 Hudson Boulevard	Rodney Taylor
311 John Thomas Street	Thomas Farace
5503 Jube Street	Michael Tennie
3520 Laurel Street	Donald Medica
717 Leland Street	Henry Weekly
4206 Lincoln Road	Lillian Davis
2533 Main Street	Washington Bush
116 Mary Lane	Bakies Properties, LLC
314 Marye Court	Kylie R. Larwood
2008 Mason Street	McErvin Howard, Sr. EST
2219 Mill Street	Dominic Robinson
208 1/2 North 13 th Street	Jerry Larwood
2803 Overton Street	Jerry & Rhonda Hughes

2426 Paris Street	Midwest Management US Bank
3404 Raymo Drive	Betty Givens & Charlie Johnson
342 Rosewood Drive	Randy L. Michiels
1530 Turner Street	James Price
2515 Wise Street	Curtisteen Matthews
524 Woodard Street	Alice Hammond
2401 3 rd Unit A Street	Nick Chenvert
2401 3 rd Unit B Street	Nick Chenvert
2603 3 rd Street	Annie Mae King
3120 3 rd street	Alice Hammond
2908 4 th Street	Harry Jackson
2634 6 th Street	Jessie Aaron
2641 8 th Street	Luster R. Smith
2516 12 th Street	Bessie Burrell
2544 12 th Street	Leon Rose
1015 Augusta Avenue	Leonard Johnson
97 Bertie Street	Walter Reynolds
3208 Bloch Street	Clifton Morris
5230 Broadmoor Court	Ray Rolan Chandler
832 Broadway Avenue	Elks Hub City Lodge #646
5211 Crestwood Drive	Clyde G. & Francine Wilson
1030 Dallas Avenue	Ora Butler
319 Daspit Street	Ralph & Emma McCoy
628 Douglas Street	Cole Rosa Lee Brooks
5137 Edward Avenue	Linda Smith Scott

1321 Fenner Street	Bessie Morris
3611 Hollywood Drive	Ivory Grant
2828 Houston Street	Jacquelin Freeman
3201 Hudson Boulevard	Rex H. Countee
1510 Huffman Street	Lucy B. Russaw
1512 Huffman Street	Virginia Harvey
821 John Thomas	Lucille Green
2145 Lee Street	Pharrow Perkins
604 Leonard Street	Rosa M. McCoy
1904 Levin Street	Russell J. Walker
1912 Levin Street	Louis H. Taylor/Frankie Mae Hall
2636 Main Street	Carrie C. Small
2716 Main Street	Lucille Taffaro
316 Marye Court	The Money Shack, LLC
2054 Mason Street	Herman Davis Burrell
2095 Mason Street	Rosemary Dauzart
209 North 15 th Street	Jerry Larwood
2040 Overton Street	Mary Cataldie
2069 Overton Street	Thomas J. Atkins
2213 Overton Street	Gertrude Quinney
2217 Overton Street	Bessie M. Vallery
2332 Overton Street	Joyce R.F. Sandifer
2437 Overton Street	Everett Hobbs
2441 Overton Street	Sir Welton Hobbs
2608 Overton Street	Harry C. Robinson

2720 Overton Street
2430 Paris Street
921 Railroad Avenue
504 Scallan Street
1203 Willow Glen River Road
2327 Wise Street (Larvadain abstained)
2704 Wise Street
730 Woodard Street

James P. Clinton
Joseph Wardsworth
Joyce Ann Clinton-Naquin
Lula Mae Booze
Mississippi Land Co., Inc.
Benjamin Bayone
Henry George
Willie Whittington

BE IT FURTHER RESOLVED, etc., that the Order of Condemnation is final for the Properties and parcels listed above and shall be enforceable in accordance with the laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 7th day of March, 2017.

/s/ Donna Jones

City Clerk

STATE OF LOUISIANA, PARISH OF RAPIDES
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND CORRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF
OFFICE, AT ALEXANDRIA, LOUISIANA, THIS 15
DAY OF March, A.D., 2017
BY [Signature]
DY. CLERK OF COURT

CS-12155
116 Mary Lane



31°16'18.9"N 92°26'35.3"W



Asbestos Survey Report

Residential Structure (CD12155)
116 Mary Lane
Alexandria, Louisiana

November 5, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 5, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12155)
116 Mary Lane
Alexandria, Louisiana
Terracon Project No. BB197056

Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 10, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,

Terracon Consultants, Inc.

Steven Latiolais
Staff Industrial Hygienist

Zack L. Dial
Senior Engineer

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APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12155)
116 Mary Lane
Alexandria, Louisiana
Terracon Project No. BB197056
November 5, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 10, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,000-square-foot, single-story, slab-on-grade structure with a wood frame. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood, and walls and ceilings consisted of wood and/or drywall system wallboard.

Asbestos Survey Report

116 Mary Lane ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

116 Mary Lane ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



Twenty-four (24) samples were collected from eight (8) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

116 Mary Lane ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

116 Mary Lane ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

5.1 Category I Non-Friable ACM

Laboratory analysis confirmed the following asbestos-containing Category II non-friable materials:

- Black mastic beneath sheet flooring

Although this material meets the definition of Category II Non-Friable ACM, its application on wood renders it nearly impractical for removal prior to demolition due to being bound to a porous substrate. Therefore, Terracon believes it should be considered a Category I non-friable material which. Therefore, unless is 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 scraping, 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.

5.2 Regulated Asbestos Containing Material

According to LDEQ and EPA NESHAP regulations, friable ACM is considered regulated asbestos containing material (RACM).

Laboratory analysis confirmed the following asbestos-containing friable materials:

- White wallboard texture

As the results of this survey indicated the structure contains RACM, all section of the AAC-2a Form must be completed and submitted to LDEQ prior to demolition activities and an Asbestos Disposal Verification Form (ADVF) requested. Upon proper notification, the LDEQ will issue an ADVF to provide approval to begin activities and to ensure that the ACM is removed and disposed of properly. The AAC-2a form must be on site during all RACM removal activities.

5.3 Special Conditions

Asbestos was identified in concentrations greater than 1% in joint compound associated with drywall ceiling systems within the subject structure (Samples 02-04, 02-05, 02-06). However, the

Asbestos Survey Report

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composite PLM sample analysis of the drywall and joint compound was less than 1%; therefore, the drywall and joint compound system is not considered ACM per NESHAP. However, the OSHA Asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos regardless of concentration. 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 disturbance of this material has the potential to result in the release of airborne asbestos fibers.

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
CONFIRMED ASBESTOS CONTAINING MATERIALS
116 Mary Lane
Alexandria, Louisiana

HA	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
02	Wallboard texture	Throughout	RACM	Significantly Damaged	Yes	5% Chrysotile	2,000 SF
04	Black mastic beneath floral patterned sheet flooring	2	Cat I NF	Significantly Damaged	No	4% Chrysotile	200 SF

Cat II NF = Category II Non-Friable ACM

RACM = Regulated ACM

TABLE 2.0
ASBESTOS SURVEY SAMPLE SUMMARY
116 Mary Lane
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	Gray ceramic tile pattern sheet flooring	1, 2	Damaged	None Detected
	01-02				None Detected
	01-03				None Detected
02	02-04	White wallboard with joint compound and texture	Throughout	Significantly Damaged	Wallboard – None Detected Joint Compound – 3% Chrysotile Texture – 5% Chrysotile Composite – <1%
	02-05				Wallboard – None Detected Joint Compound – Not Analyzed (Positive Stop) Texture – Not Analyzed (Positive Stop) Composite – <1%
	02-06				Wallboard – None Detected Joint Compound – Not Analyzed (Positive Stop) Texture – Not Analyzed (Positive Stop) Composite – <1%
03	03-07	Brown 9"x9" pattern sheet flooring	2, 4	Damaged	None Detected
	03-08				None Detected
	03-09				None Detected
04	04-10	Floral pattern sheet flooring with black mastic and fiber backing	2	Significantly Damaged	Flooring – None Detected Mastic – 4% Mastic Backing – None Detected
	04-11				Flooring – None Detected Mastic – Not Analyzed (Positive Stop) Backing – None Detected
	04-12				Flooring – None Detected Mastic – Not Analyzed (Positive Stop) Backing – None Detected

TABLE 2.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
116 Mary Lane
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
05	05-13	White window glazing	Wooden Window Systems	Significantly Damaged	None Detected
	05-14				None Detected
	05-15				None Detected
06	06-16	White and blue self-stick sheet flooring	4	Damaged	None Detected
	06-17				None Detected
	06-18				None Detected
07	07-19	Black vapor barrier	Behind siding	Damaged	None Detected
	07-20				None Detected
	07-21				None Detected
08	08-22	Black roof shingles and felt paper	Roof	Damaged	Shingle – None Detected Felt – None Detected
	08-23				Shingle – None Detected Felt – None Detected
	08-24				Shingle – None Detected Felt – None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929739

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 116 Mary Lane / BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/10/2019 9:10 AM

Analysis Date: 10/11/2019 - 10/28/2019

Collected Date:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01 041929739-0001	116 Mary Lane - 1 - Gray Ceramic Tile Pattern Sheet Flooring	Gray Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
01-02 041929739-0002	116 Mary Lane - 8 - Gray Ceramic Tile Pattern Sheet Flooring	Gray Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
01-03 041929739-0003	116 Mary Lane - 8 - Gray Ceramic Tile Pattern Sheet Flooring	Gray Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
02-04-Wallboard 041929739-0004	116 Mary Lane - 9 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
02-04-Joint Compound 041929739-0004A	116 Mary Lane - 9 - Joint Compound	Tan Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
02-04-Texture 041929739-0004B	116 Mary Lane - 9 - Texture	Tan Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
02-04-Composite 041929739-0004C	116 Mary Lane - 9 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
02-05-Wallboard 041929739-0005	116 Mary Lane - 4 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
02-05-Joint Compound 041929739-0005A	116 Mary Lane - 4 - Joint Compound				Positive Stop (Not Analyzed)
02-05-Texture 041929739-0005B	116 Mary Lane - 4 - Texture				Positive Stop (Not Analyzed)
02-05-Composite 041929739-0005C	116 Mary Lane - 4 - White Wallboard / Joint Compound	Brown/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
02-06-Wallboard 041929739-0006	116 Mary Lane - 1 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
02-06-Joint Compound 041929739-0006A	116 Mary Lane - 1 - Joint Compound				Positive Stop (Not Analyzed)
02-06-Texture 041929739-0006B	116 Mary Lane - 1 - Texture				Positive Stop (Not Analyzed)
02-06-Composite 041929739-0006C	116 Mary Lane - 1 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile

Report amended: 10/28/2019 10:10:00 Replaces initial report from: 10/16/2019 18:17:52 Reason Code: Client-Additional Analysis



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929739
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
03-07 <i>041929739-0007</i>	116 Mary Lane - 4 - Brown 9"x9" Pattern Sheet Flooring	Brown Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
03-08 <i>041929739-0008</i>	116 Mary Lane - 4 - Brown 9"x9" Pattern Sheet Flooring	Brown Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
03-09 <i>041929739-0009</i>	116 Mary Lane - 4 - Brown 9"x9" Pattern Sheet Flooring	Brown Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
04-10-Sheet Flooring <i>041929739-0010</i>	116 Mary Lane - 2 - Floral Pattern Sheet Flooring	Beige Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
04-10-Mastic <i>041929739-0010A</i>	116 Mary Lane - 2 - Black Mastic	Black Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
04-10-Backing <i>041929739-0010B</i>	116 Mary Lane - 2 - Fiber Backing	Gray Fibrous Homogeneous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
04-11-Sheet Flooring <i>041929739-0011</i>	116 Mary Lane - 2 - Floral Pattern Sheet Flooring	Beige Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
04-11-Mastic <i>041929739-0011A</i>	116 Mary Lane - 2 - Black Mastic				Positive Stop (Not Analyzed)
04-11-Backing <i>041929739-0011B</i>	116 Mary Lane - 2 - Fiber Backing	Gray Fibrous Homogeneous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
04-12-Sheet Flooring <i>041929739-0012</i>	116 Mary Lane - 2 - Floral Pattern Sheet Flooring	Beige Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
04-12-Mastic <i>041929739-0012A</i>	116 Mary Lane - 2 - Black Mastic				Positive Stop (Not Analyzed)
04-12-Backing <i>041929739-0012B</i>	116 Mary Lane - 2 - Fiber Backing	Gray Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
05-13 <i>041929739-0013</i>	116 Mary Lane - Ext - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05-14 <i>041929739-0014</i>	116 Mary Lane - Ext - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05-15 <i>041929739-0015</i>	116 Mary Lane - Ext - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-16 <i>041929739-0016</i>	116 Mary Lane - 4 - White and Blue Sheet Flooring Self-stick	White/Blue Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
06-17 <i>041929739-0017</i>	116 Mary Lane - 4 - White and Blue Sheet Flooring Self-stick	White/Blue Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
06-18 <i>041929739-0018</i>	116 Mary Lane - 4 - White and Blue Sheet Flooring Self-stick	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-19 <i>041929739-0019</i>	116 Mary Lane - 1 - Black Vapor Barrier	Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected

Report amended: 10/28/2019 10:10:00 Replaces initial report from: 10/16/2019 18:17:52 Reason Code: Client-Additional Analysis



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Tel/Fax: (800) 220-3675 / (856) 786-5974

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EMSL Order: 041929739
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
07-20 <i>041929739-0020</i>	116 Mary Lane - 9 - Black Vapor Barrier	Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
07-21 <i>041929739-0021</i>	116 Mary Lane - 9 - Black Vapor Barrier	Black Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (Other)	None Detected
08-22-Shingles <i>041929739-0022</i>	116 Mary Lane - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
08-22-Felt Paper <i>041929739-0022A</i>	116 Mary Lane - Roof - Felt Paper	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
08-23-Shingles <i>041929739-0023</i>	116 Mary Lane - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
08-23-Felt Paper <i>041929739-0023A</i>	116 Mary Lane - Roof - Felt Paper	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
08-24-Shingles <i>041929739-0024</i>	116 Mary Lane - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
08-24-Felt Paper <i>041929739-0024A</i>	116 Mary Lane - Roof - Felt Paper	Black Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (Other)	None Detected

Analyst(s) _____

Andrew Borsos (24)

Ebony Miller (9)

Seri Smith (3)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Report amended: 10/28/2019 10:10:00 Replaces initial report from: 10/16/2019 18:17:52 Reason Code: Client-Additional Analysis



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041929739

EMSL Analytical, Inc.
200 Route 130 North

RECEIVED
CINNAMINSON, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974
APR 10 15

Company: Terracon		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 524 Elmwood Park Boulevard Suite 170		Third Party Billing requires written authorization from third party	
City: New Orleans	State/Province: LA	Zip/Postal Code: 70123	Country: US
Report To (Name): Steven Latiolais		Telephone #: 504-818-3638	
Email Address: steven.latiolais@terracon.com		Fax #:	Purchase Order:
Project Name/Number: 116 Mary Lane / BR197056		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: LA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check!

- 3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PLM - Bulk (reporting limit)	TEM - Bulk
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1
<input type="checkbox"/> PLM EPA NOB (<1%)	<input type="checkbox"/> NY ELAP Method 198.4 (TEM)
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> Chatfield Protocol (semi-quantitative)
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2
<input type="checkbox"/> NIOSH 9002 (<1%)	<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)	<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)	Other
<input type="checkbox"/> OSHA ID-191 Modified	<input type="checkbox"/>
<input type="checkbox"/> Standard Addition Method	

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: 10/9/19

Samplers Name: Steven Latiolais Samplers Signature: *SL*

Sample #	HA #	Sample Location	Material Description
		Please See Attached	

Client Sample # (s):	-	Total # of Samples:	
Relinquished (Client):	<i>SL to Fedex</i>	Date:	10/10/19
Received (Lab):	<i>CB</i>	Date:	10-10-19
Time:		Time:	1800
Time:		Time:	9:10
Comments/Special Instructions: Bill To: Terracon, 524 Elmwood Park Boulevard, Suite 170, New Orleans, LA, 70123, US Attention: Steven Latiolais Phone: 504-818-3638 Email: Steven.Latiolais@terracon.com Purchase Order:			

(24) EL

Lab Use Only: Select a Laboratory.

Asbestos Bulk Sample Log & Chain Study Form

116 Mary Ln.

Lab Location: 041929739 Page of

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	116 Mary Ln - 1	Gray Ceramic Tile Pattern	112 112	40 SF	G D SD
01-02	- 8	Sheet Flooring			
01-03	- 8				
02-04	- 9	White Wallboard	Through out	200 SF	G D SD
02-05	- 4	W/Joint Compound & Texture			
02-06	- 1				
03-07	- 4	Brown 9" x 9" Pattern Sheet	3 204	250 SF	G D SD
03-08	- 4	Flooring			
03-09	- 4				
04-10	- 2	Floral Pattern Sheet Flooring	1 2	200 SF	G D SD
04-11	- 2	w/Black Mastic & Fiber backing			
04-12	- 2				
05-13	- Ext	White Window Glazing	Allwood Windows	10 Windows	G D SD
05-14	- 4				
05-15	- 4				
06-16	- 4	White Blue Sheet Flooring	4	50 SF	G D SD
06-17	- 4	Self Stick			
06-18	- 4				
07-19	- 1	Black Vapor Barrier	Behind Siding	200 SF	G D SD
07-20	- 4				
07-21	- 4				

RECEIVED
ENVIRONMENTAL
CINNAMARISON, N.J.
2019 OCT 10 AM 10:15

32

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: Gray ceramic tile pattern sheet flooring.



View of HA-02: White wallboard with joint compound and texture



View of HA-03: Brown 9"x9" pattern sheet flooring.



View of HA-04: Floral pattern sheet flooring with black mastic and fiber backing



View of HA-05: White window glazing.



View of HA-06: White and blue self-stick sheet flooring.

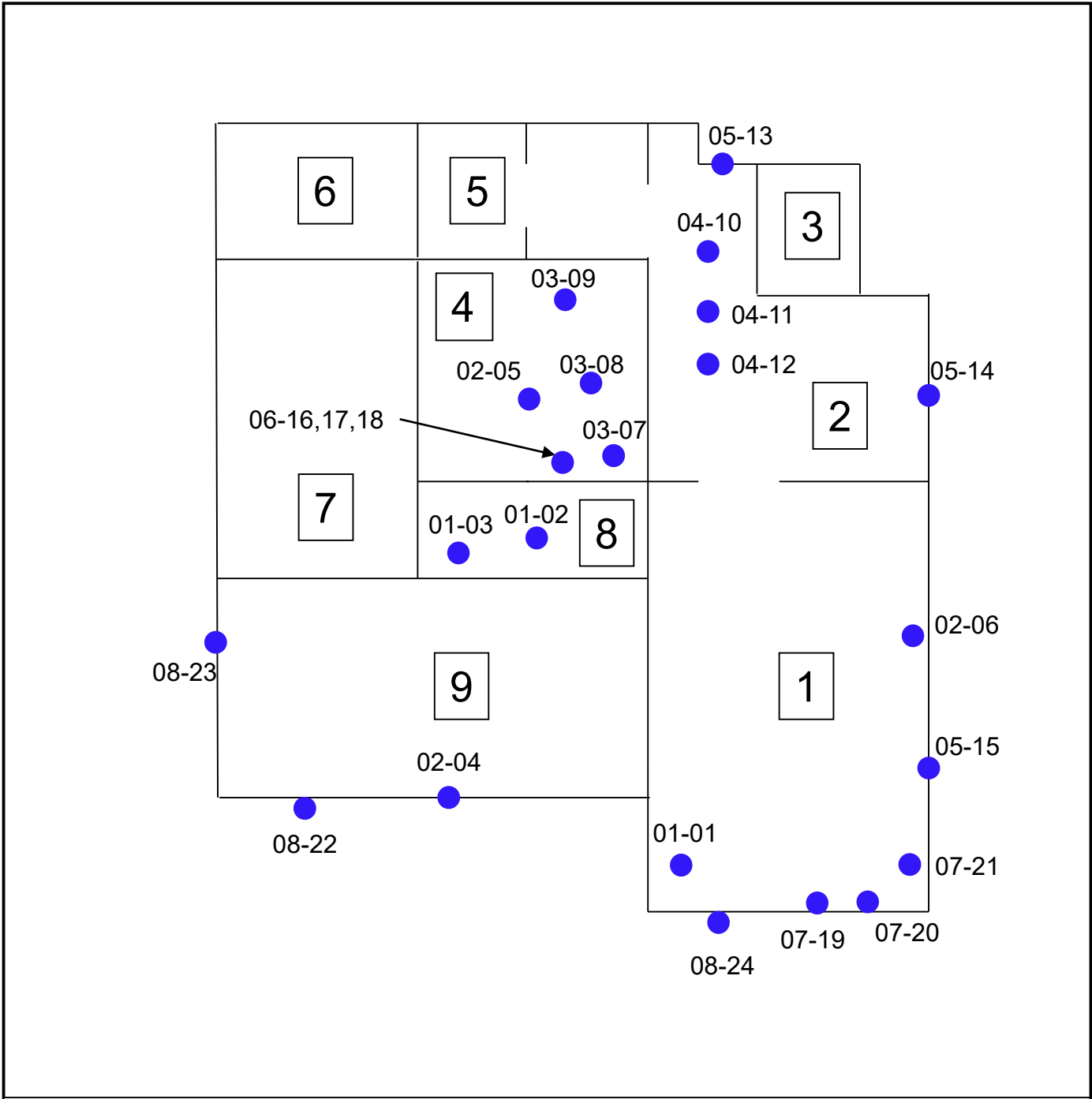


View of HA-07: Black vapor barrier.



View of HA-08: Black roof shingles and felt paper.

APPENDIX D
EXHIBITS



Mary Lane

KEY

● Bulk Sample Location

Project No.	BB197056
Scale:	Not to Scale
File Name:	Exhibit 1.0.dwg
Date:	NOV 2019



524 Elmwood Park Boulevard #170 New Orleans, LA 70123
 PH. (504) 818-3638 FAX. (504) 818-3890

BULK SAMPLE LOCATIONS

City of Alexandria
 116 Mary Lane
 Alexandria, LA

Exhibit

1.0

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

**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.**

Paul Bergeron

**Permit Support Services Division
Office of Environmental Services**



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

Certificate Number: 04127

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates



Dana S. Gorman
For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2

NOTIFICATION OF DEMOLITION AND RENOVATION AND ASBESTOS CONTAMINATED DEBRIS ACTIVITY FORM AAC-2(a)



Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	
Amt. Received	
Postmark Date	
ADVF No.	

Please type and complete all required sections or the form will not be processed. No ADVF will be issued if this form is incomplete.

No. of Asbestos Disposal Verification Forms (ADVFs) Requested

Note: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present, above the established thresholds, when greater than 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is stripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.

For demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

- Emergency** Note: Emergency notification is allowable only for a sudden, unexpected event that would cause an unsafe condition (or health hazard), equipment damage, or would pose an unreasonable financial burden, per LAC 33:III.5151.F.2.d.xvi. **Explanation to justify your emergency request must be provided** (see Section XIV).
- Revision** ADVF #s to be revised _____
- Cancellation** ADVF #s to be canceled _____

I. Type of Notification (check only one box) <input checked="" type="checkbox"/> Original <input type="checkbox"/> Disposal Only <input type="checkbox"/> Additional Latest ADVF# Issued _____ <input type="checkbox"/> Annual (Maintenance) Check if Form AAC-2(a) is for non-scheduled operations for repair or maintenance less than 1 Cubic Yard of RACM per operation (indicate total volume in Section V as bin size).																			
II. Type of Operation (check only one box) <input checked="" type="checkbox"/> Reno & Demo (ACM or RACM removal & subsequent demo) <input type="checkbox"/> Renovation <input type="checkbox"/> ACDA <input type="checkbox"/> RACM Demo (entire structure treated as RACM) <input type="checkbox"/> Response Action (schools, state, public or commercial bldgs.) Is structure being demolished under order of a state or local government agency? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Complete Sec. XIII)																			
III. Facility Description Facility Name <u>Residential Structure</u> Project Designer Info (schools, state, public or commercial buildings) Physical Address <u>116 Mary Lane</u> Name _____ City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u> LA Accred. No. _____ Parish <u>Rapides</u> Building Size (sq. ft.) <u>1,000</u> Owner Name _____ No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u> Contact Name _____ Location on site (Bldg, Floor, Room, etc.) where work is done <u>Structure will be razed.</u> Mailing Address _____ City _____ State _____ Zip _____ Contact Phone () _____ Contact Email _____ Present Use <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> School</td> <td><input type="checkbox"/> State Bldg.</td> <td><input type="checkbox"/> Public/Commercial</td> </tr> <tr> <td><input type="checkbox"/> Residential</td> <td><input type="checkbox"/> Industrial</td> <td><input type="checkbox"/> Installation</td> </tr> <tr> <td colspan="3"><input checked="" type="checkbox"/> Other <u>Blighted structure</u></td> </tr> </table> Prior Use <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> School</td> <td><input type="checkbox"/> State Bldg.</td> <td><input type="checkbox"/> Public/Commercial</td> </tr> <tr> <td><input checked="" type="checkbox"/> Residential</td> <td><input type="checkbox"/> Industrial</td> <td><input type="checkbox"/> Installation</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> Other _____</td> </tr> </table>		<input type="checkbox"/> School	<input type="checkbox"/> State Bldg.	<input type="checkbox"/> Public/Commercial	<input type="checkbox"/> Residential	<input type="checkbox"/> Industrial	<input type="checkbox"/> Installation	<input checked="" type="checkbox"/> Other <u>Blighted structure</u>			<input type="checkbox"/> School	<input type="checkbox"/> State Bldg.	<input type="checkbox"/> Public/Commercial	<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Industrial	<input type="checkbox"/> Installation	<input type="checkbox"/> Other _____		
<input type="checkbox"/> School	<input type="checkbox"/> State Bldg.	<input type="checkbox"/> Public/Commercial																	
<input type="checkbox"/> Residential	<input type="checkbox"/> Industrial	<input type="checkbox"/> Installation																	
<input checked="" type="checkbox"/> Other <u>Blighted structure</u>																			
<input type="checkbox"/> School	<input type="checkbox"/> State Bldg.	<input type="checkbox"/> Public/Commercial																	
<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Industrial	<input type="checkbox"/> Installation																	
<input type="checkbox"/> Other _____																			

IV. Determination of Asbestos Present **Known or Assumed Asbestos Present** (if checked, all suspect materials are ACM)
 Asbestos Determined to be Present Per Inspection and/or Lab Analysis from a commercial laboratory that is accredited under LAC 33: Subpart 3, Chapters 47-57; (if checked, complete the items below)

Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ

Inspector's Accred. No. MI200658 Lab Accred. No. 131900

Inspection Date 10/09/2019 (mm/dd/yy) Analysis Date 10/28/2019 (mm/dd/yy)

Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material PLM – EPA 600

- Attach the following copies:
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without these attachments if inspection or lab analysis was performed.

V. Approximate Amount of Asbestos

Removal Times (check applicable times) Business Hours After Hours Weekends Holidays

	Material to be Removed		Nonregulated ACM <u>Not</u> to be Removed Prior to Demolition (if applicable)
	RACM	CAT I/CAT II	CAT I/CAT II
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling <input type="checkbox"/> Fireproofing <input type="checkbox"/> VAT <input checked="" type="checkbox"/> Other <u>Wallboard texture</u>	<input type="checkbox"/> VAT <input type="checkbox"/> Transite <input type="checkbox"/> Piping <input type="checkbox"/> Mastic <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Asphalt Roofing <input checked="" type="checkbox"/> Mastic <input type="checkbox"/> Other <u>200</u>
Amount of Asbestos Material	_____ Linear Feet <u>2,000</u> Square Feet _____ RACM Cubic Yard _____ ACD* Cubic Yard <small>*ACD = Asbestos-contaminated Debris</small>	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard	_____ Linear Feet _____ Square Feet _____ ACM Cubic Yard

VI. Asbestos Removal Contractor Information for RACM/ACD

Asbestos Removal Contractor's Name[‡] _____ On-site Supervisor's Name _____
 LA Contractor's License No. _____ On-site Supervisor's Accred. No. _____
 Mailing Address _____ Supervisor's Accred. Expir. Date _____ (mm/dd/yy)
 City _____ State _____ Zip _____ Contact Name _____
 Phone () _____ ‡A.I. No. _____ Contact Email _____

VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)

Contractor Name _____ Contact Name _____
 Mailing Address _____ Contact Email _____
 City _____ State _____ Zip _____ Contact Phone () _____

VIII. Scheduled Dates for Asbestos Removal or Activities that May Disturb Asbestos Material in a Demolition, Renovation, Response Action, or ACDA

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

IX. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

X. Solid Waste Transporter to Landfill for RACM/ACD

SW Transporter Name _____ Contact Name _____
LDEQ SW Transporter No. T- _____ Contact Email _____
Mailing Address _____ Contact Phone () _____
City _____ State _____ Zip _____

XI. Provide the following if RACM/ACD is taken to Non-processing Transfer Station Prior to Disposal

SW Transporter Name _____ Physical Location of Non-processing Transfer Station _____
LDEQ SW Transporter No. T- _____ City _____ State _____ Zip _____
Mailing Address _____ Contact Name _____
City _____ State _____ Zip _____ Contact Email _____
Contact Phone () _____

XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Site for RACM (See LAC 33:III.5151.B)

RAL Name _____ Contact Name _____
Physical Address _____ Contact Phone () _____
City _____ State _____ Zip _____ Mailing Address _____
City _____ State _____ Zip _____

XIII. Governmental Agency Ordered Demolition (Complete only if you checked "Yes" in Section II)

Gov't Agency City of Alexandria, LA
Representative Name Kenna Lavalais Government Agency Community Development Department
Representative's Title Demolition Program Manager
Date Issued March 7, 2017 (mm/dd/yy) Date Ordered to Begin _____ (mm/dd/yy)

Attach a copy of the Demolition Order from the governmental agency identified (above). City Resolution 9633-2017

NOTE: The Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a) will not be processed without this attachment.

XIV. Emergency Renovations Involving RACM (Complete only for emergency event indicated by checked "Emergency" box on page 1.)

Attach additional pages, if necessary.

Date of Emergency _____ (mm/dd/yy) Time of Emergency _____

Describe the sudden, unexpected event requiring immediate attention _____

Explain how event would cause an unsafe condition (health hazard), equipment damage, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi) _____

XV. Planned Demolition, Renovation Work, Response Action, or ACDA

Description of activity including techniques of removal and facility components _____

Description of work practices & engineering controls including asbestos removal and waste handling emission control procedures _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

XVI. Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)

XVII. Certification

I certify under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or assumed to be present above the established thresholds as described in this notification are required to be conducted in accordance with LAC 33:III.5151. I understand that:

- Per LAC 33:III.5151.F.3.h, all workers performing the demolition or renovation activity, response action, or ACDA that disturbs RACM or ACDA must be trained in accordance with LAC 33:III.5151.Subsection P and that evidence of the required training or accreditation shall be made available for inspection by LDEQ personnel at the demolition, renovation, response action or ACDA site.
- The *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Signature page of the inspection report, if inspection was performed (See Section IV);
- In accordance with LAC 33:III.5151.F.2.d.v, the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete without a copy of the Lab Analysis Report from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57, if lab analysis was performed (See Section IV);
- The LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- If the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is incomplete, inaccurate, or the proper fee is not submitted, the LDEQ will inform the company that the application is incomplete. In accordance with LAC 33:III.5151.F.2.a.i, processing will be discontinued until all applicable information is completed and submitted to the LDEQ;
- Per LAC 33:III.5151.F.2.a.ii, any unauthorized renovation, demolition, or ACDA project, including those not processed due to incompleteness or inaccurate information on the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)* is a violation of LAC 33:III.5151.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

ADVF Fees \$ 73 each For non-emergencies (minimum of 10 working days' notification is required per LAC 33:III.5151.F.2.c).
\$ 109 each For emergencies (less than 10 working days' notification given) as allowed per LAC 33:III.5151.F.2.d.xvi (see p. 1).
No vouchers will be accepted for emergencies.
NO FEE For revisions or cancellations.

Submittal Information

- **For Emergencies** - Notification to the LDEQ as required by LAC 33:III.5151.F.2.e may be submitted by: fax (225-325-8283); email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); phone (225-219-3244); or hand-delivery. If phoned, faxed or emailed, a follow-up form with original signature and applicable fee payment must be submitted to the LDEQ by one of the methods of delivery (below) within 5 working days per LAC 33:III.5151.F.2.e.ii.
- **For Non-emergencies** - Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV) with a follow-up form with an original signature submitted at least 10 working days before work activity is to begin per LAC 33:III.5151.F.2.c. The form with an original signature and applicable fee payment must be submitted to the LDEQ by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9633-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 142 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 142 structures.

Removal-demolition by owner

BE FURTHER RESOLVED, etc., that on recommendation of the Community Development Administrator the following structures because of actions by owners who have hired State Licensed Contractors, secured permits & have completed works or secured permits are removed from this condemnation list

- 1) 4321 3rd Street – Kirklin Construction, demolition complete
- 2) 1947 Overton Street - Lathan Construction, demolition complete
- 3) 1953 Overton Street - Lathan Construction, demolition complete
- 4) 1957 Overton Street - Lathan Construction, demolition complete
- 5) 1963 Overton Street - Lathan Construction, demolition complete

Removed – incorrect address

- 6) 5211 Lincoln Road – incorrect address submitted in original list.

Continuance of Council action to consider Condemnations

The following property owners hired State licensed Contractors to secure permits: (work to be completed by 3/31/2017)

- 1) 2904 3rd Street -Veal Construction, Demo Permit issued.
- 2) 2211 Broadway Avenue - Grant Eastern, Demo Permit issued.
- 3) 1626 Dallas Avenue - Grant Eastern, Demo Permit issued.
- 4) 2924 Lee Street -Alliance Design, working on construction drawings.
- 5) 2307 Memphis Street -Veal Construction, Rehab Permit issued.
- 6) 4012 Morris Street - Lathan Construction, Demo Permit issued,

BY
 CLERK & RECORDER
 RAPIDES PARISH, LA
 17 MAR 14 PM 1:55
 FILED & RECORDED
 ROBYN L. HOOTER
 RECORDER
 1597800

765-
 14-

- 7) 341 North 17th Street - Lathan Construction, Demo Permit issued.
- 8) 2806 Overton Street -Tennie Construction, Rehab Permit issued.
- 9) 1506 Park Avenue - Larwood Construction, Rehab Permit issued.
- 10) 2518 Wise Street -Tennie Construction, Rehab Permit issued.

30 days extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **April 18, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1720 Albert Street	Patrick LaCour
1758 Albert Street	Wasmer Properties, LLC
2024 Harris Street	Tameisha & Melvin Sigur
2302 Lee Street	Tameisha & Melvin Sigur
2243 Overton Street	Tameisha & Melvin Sigur
1512 Shirland Avenue	Felicia Dausat
3933 Clinton Street	Oscar & Dorothy Jones

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on April 18, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

60 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **May 16, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
2129 3 rd Street	Newton Collier
1430 5 th Street	Bernadette S. Baker
2524 8 th Street	Marie C. Allen
312 Bogan Street	C E S R LLC, Clarence Spottsville
118 Cottage Street	Kenneth Wayne Joseph
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
1779 Mason Street	Stanford Joseph
2530 Memphis, Unit A & B	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
417 Newman Street	Mark Fairley, ET AL
3022 Houston Street	Deborrah Phoenix Jones
2742 10 th Street	Thoma Cherneva

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on May 16, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

90 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **June 13, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue (Larvadain abstained)	David A. Sheffield
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 13, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on March 7, 2017, the facts justifying Condemnation of the structures and improvements for the following properties, the law and evidence being in favor of Condemnation of the property it is Ordered the following properties are each **condemned** and shall be demolished and removed by the City or its agents within Sixty(60) days of this Order or otherwise within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
2424 3 rd Street	Page Livingston
3617 4 th street	Bakies Properties, LLC
3621 4 th street	Jerry Pearson
3108 9 th street	Alpha Capital/BMO Harris
3112 9 th street	Alice Hammond
3110 9 th Street	Frank R. Bordelon
3723 11 th street	Agnes Wallace
2447 Alma Street	Jerry Johnson
4110 Balentine Street	Colonial Financial Service Inc
99B Bertie Street	Walter Reynolds

1326 Charlton Street	Elsie H. Ryland
3925 Clinton Street	Henry Joffrion
1117 Cole Street	Leontina Dauzat
1119 Cole Street	Leontina Dauzat
2027 East Texas Avenue	Midwest Management
56 Eastwood Boulevard	Tri Brewer
1204 Fenner Street	Don Thompson
4517 Futrell Street	Willie M. Pickens
405 Gabriel Lane	Shirley Johnson
3008 Houston Street	Willie Wilson
3149 Houston Street	Savannah Webber
3305 Hudson Boulevard	Delwin Eldridge
3331 Hudson Boulevard	Rodney Taylor
311 John Thomas Street	Thomas Farace
5503 Jube Street	Michael Tennie
3520 Laurel Street	Donald Medica
717 Leland Street	Henry Weekly
4206 Lincoln Road	Lillian Davis
2533 Main Street	Washington Bush
116 Mary Lane	Bakies Properties, LLC
314 Marye Court	Kylie R. Larwood
2008 Mason Street	McErvin Howard, Sr. EST
2219 Mill Street	Dominic Robinson
208 1/2 North 13 th Street	Jerry Larwood
2803 Overton Street	Jerry & Rhonda Hughes

2426 Paris Street	Midwest Management US Bank
3404 Raymo Drive	Betty Givens & Charlie Johnson
342 Rosewood Drive	Randy L. Michiels
1530 Turner Street	James Price
2515 Wise Street	Curtisteen Matthews
524 Woodard Street	Alice Hammond
2401 3 rd Unit A Street	Nick Chenvert
2401 3 rd Unit B Street	Nick Chenvert
2603 3 rd Street	Annie Mae King
3120 3 rd street	Alice Hammond
2908 4 th Street	Harry Jackson
2634 6 th Street	Jessie Aaron
2641 8 th Street	Luster R. Smith
2516 12 th Street	Bessie Burrell
2544 12 th Street	Leon Rose
1015 Augusta Avenue	Leonard Johnson
97 Bertie Street	Walter Reynolds
3208 Bloch Street	Clifton Morris
5230 Broadmoor Court	Ray Rolan Chandler
832 Broadway Avenue	Elks Hub City Lodge #646
5211 Crestwood Drive	Clyde G. & Francine Wilson
1030 Dallas Avenue	Ora Butler
319 Daspit Street	Ralph & Emma McCoy
628 Douglas Street	Cole Rosa Lee Brooks
5137 Edward Avenue	Linda Smith Scott

1321 Fenner Street	Bessie Morris
3611 Hollywood Drive	Ivory Grant
2828 Houston Street	Jacquelin Freeman
3201 Hudson Boulevard	Rex H. Countee
1510 Huffman Street	Lucy B. Russaw
1512 Huffman Street	Virginia Harvey
821 John Thomas	Lucille Green
2145 Lee Street	Pharrow Perkins
604 Leonard Street	Rosa M. McCoy
1904 Levin Street	Russell J. Walker
1912 Levin Street	Louis H. Taylor/Frankie Mae Hall
2636 Main Street	Carrie C. Small
2716 Main Street	Lucille Taffaro
316 Marye Court	The Money Shack, LLC
2054 Mason Street	Herman Davis Burrell
2095 Mason Street	Rosemary Dauzart
209 North 15 th Street	Jerry Larwood
2040 Overton Street	Mary Cataldie
2069 Overton Street	Thomas J. Atkins
2213 Overton Street	Gertrude Quinney
2217 Overton Street	Bessie M. Vallery
2332 Overton Street	Joyce R.F. Sandifer
2437 Overton Street	Everett Hobbs
2441 Overton Street	Sir Welton Hobbs
2608 Overton Street	Harry C. Robinson

2720 Overton Street
2430 Paris Street
921 Railroad Avenue
504 Scallan Street
1203 Willow Glen River Road
2327 Wise Street (Larvadain abstained)
2704 Wise Street
730 Woodard Street

James P. Clinton
Joseph Wardsworth
Joyce Ann Clinton-Naquin
Lula Mae Booze
Mississippi Land Co., Inc.
Benjamin Bayone
Henry George
Willie Whittington

BE IT FURTHER RESOLVED, etc., that the Order of Condemnation is final for the Properties and parcels listed above and shall be enforceable in accordance with the laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 7th day of March, 2017.

/s/ Donna Jones

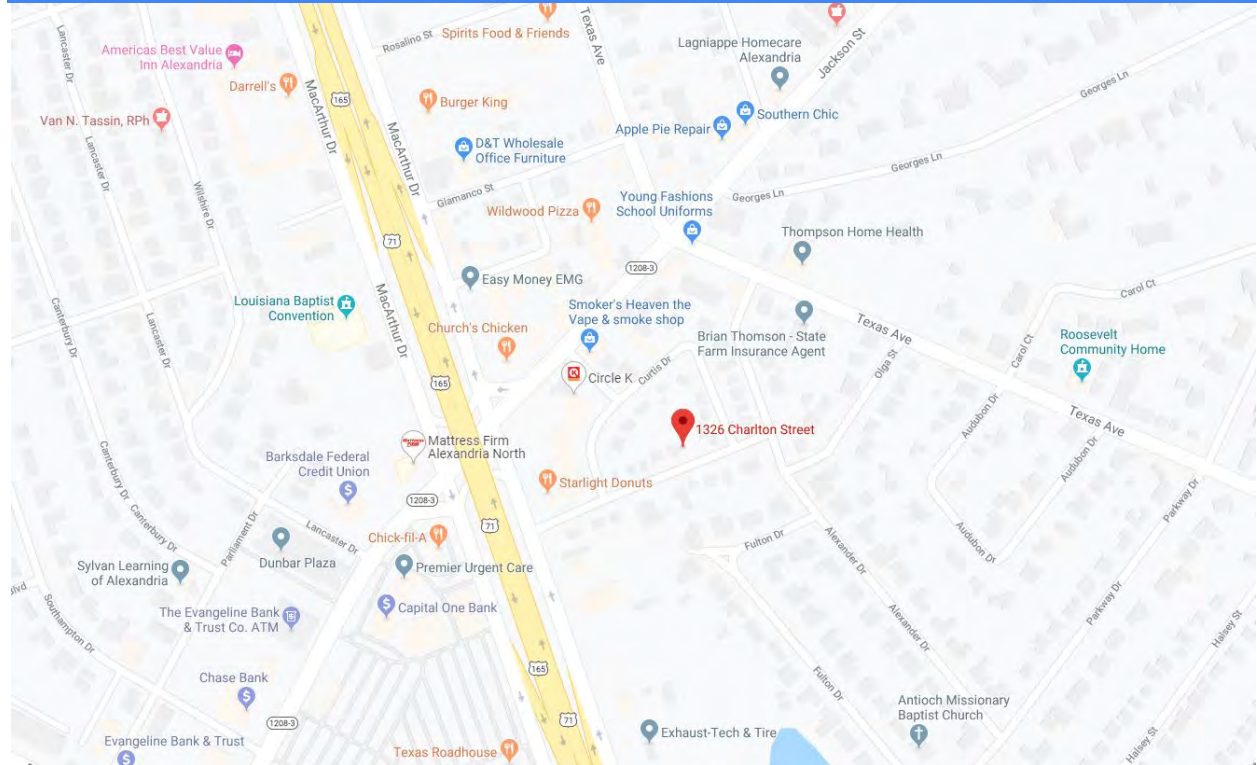
City Clerk

STATE OF LOUISIANA, PARISH OF RAPIDES
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND CORRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF
OFFICE, AT ALEXANDRIA, LOUISIANA, THIS 15
DAY OF March, A.D., 2017
BY Robin Hoover
DY. CLERK OF COURT

CD-12672
1326 Charlton Street



31°17'11.3"N 92°28'20.6"W



Asbestos Survey Report

Residential Structure (CD12672)
1326 Charlton Street
Alexandria, Louisiana

November 5, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 5, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12672)
1326 Charlton Street
Alexandria, Louisiana
Terracon Project No. BB197056

Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 8, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were not identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.

Steven Latiolais
Staff Industrial Hygienist

Zack L. Dial
Senior Engineer

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APPENDIX A	Asbestos Survey Sample Summary Tables
APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12672)
1326 Charlton Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 5, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 8, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,000 square-foot, single-story, pier-and-beam structure with a wood frame. At the time of the survey, the structure was observed with fire damage and collapsing flooring and roof system.

3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos

Asbestos Survey Report

1326 Charlton Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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-four (24) samples were collected from eight (8) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by

Asbestos Survey Report

1326 Charlton Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following

Asbestos Survey Report

1326 Charlton Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

Asbestos Survey Report

1326 Charlton Street ■ Alexandria, Louisiana

November 5, 2019 ■ Terracon Project No. BB197056



5.0 FINDINGS AND RECOMMENDATIONS

ACM was not identified in connection with the subject structure.

As results of this survey did not identify any asbestos-containing materials, however, LDEQ requires written notification (AAC-2b) prior to any demolition activity, regardless of whether the building contains asbestos.

5.1 Special Conditions

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
ASBESTOS SURVEY SAMPLE SUMMARY
1326 Charlton Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	White popcorn ceiling texture	Throughout	Significantly Damaged	None Detected
	01-02				None Detected
	01-03				None Detected
02	02-04	White drywall and joint compound	Throughout	Significantly Damaged	Drywall – None Detected Joint Compound – None Detected
	02-05				Drywall – None Detected Joint Compound – None Detected
	02-06				Drywall – None Detected Joint Compound – None Detected
03	03-07	White 1'x1' mechanically attached ceiling tiles	Throughout	Significantly Damaged	None Detected
	03-08				None Detected
	03-09				None Detected
04	04-10	Brown bath tub mastic	7	Significantly Damaged	None Detected
	04-11				None Detected
	04-12				None Detected
05	05-13	Black roofing shingles with tar paper	Roof	Significantly Damaged	Shingle – None Detected Paper – None Detected
	05-14				Shingle – None Detected Paper – None Detected
	05-15				Shingle – None Detected Paper – None Detected
06	06-16	White window glazing	1	Significantly Damaged	None Detected
	06-17				None Detected
	06-18				None Detected

TABLE 1.0 cont.
ASBESTOS SURVEY SAMPLE SUMMARY
1326 Charlton Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
07	07-19	White insulation	7	Significantly Damaged	None Detected
	07-20				None Detected
	07-21				None Detected
08	08-22	White space heater insulation	5	Significantly Damaged	None Detected
	08-23				None Detected
	08-24				None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929725

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 1326 Charlton / BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/10/2019 9:10 AM

Analysis Date: 10/11/2019 - 10/16/2019

Collected Date: 10/08/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01 <small>041929725-0001</small>	1326 Charlton - 2 - White Popcorn Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-02 <small>041929725-0002</small>	1326 Charlton - 2 - White Popcorn Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-03 <small>041929725-0003</small>	1326 Charlton - 2 - White Popcorn Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04-Drywall <small>041929725-0004</small>	1326 Charlton - 2 - Drywall	Brown Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
02-04-Joint Compound <small>041929725-0004A</small>	1326 Charlton - 2 - Joint Compound	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-05-Drywall <small>041929725-0005</small>	1326 Charlton - 9 - Drywall	Brown Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
02-05-Joint Compound <small>041929725-0005A</small>	1326 Charlton - 9 - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-06-Drywall <small>041929725-0006</small>	1326 Charlton - Drywall	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
02-06-Joint Compound <small>041929725-0006A</small>	1326 Charlton - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-07 <small>041929725-0007</small>	1326 Charlton - 8 - 1"x1" Mechanically Attached Ceiling Tile	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
03-08 <small>041929725-0008</small>	1326 Charlton - 8 - 1"x1" Mechanically Attached Ceiling Tile	Brown/White Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
03-09 <small>041929725-0009</small>	1326 Charlton - 9 - 1"x1" Mechanically Attached Ceiling Tile	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
04-10 <small>041929725-0010</small>	1326 Charlton - 7 - Brown Bathtub Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04-11 <small>041929725-0011</small>	1326 Charlton - 7 - Brown Bathtub Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04-12 <small>041929725-0012</small>	1326 Charlton - 7 - Brown Bathtub Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05-13 <small>041929725-0013</small>	1326 Charlton - 7 - Black Roofing Shingles w/ Black Tar Paper	Black Fibrous Homogeneous	50% Glass	50% Non-fibrous (Other)	None Detected

Initial report from: 10/16/2019 17:38:52



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929725
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
05-14-Shingle <i>041929725-0014</i>	1326 Charlton - 7 - Black Roofing Shingles	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
05-14-Tar Paper <i>041929725-0014A</i>	1326 Charlton - 7 - Black Tar Paper	Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
05-15-Shingle <i>041929725-0015</i>	1326 Charlton - 7 - Black Roofing Shingles	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
05-15-Tar Paper <i>041929725-0015A</i>	1326 Charlton - 7 - Black Tar Paper	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
06-16 <i>041929725-0016</i>	1326 Charlton - 1 - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-17 <i>041929725-0017</i>	1326 Charlton - 1 - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-18 <i>041929725-0018</i>	1326 Charlton - 1 - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-19 <i>041929725-0019</i>	1326 Charlton - 7 - White Insulation	White Fibrous Homogeneous	80% Glass	20% Non-fibrous (Other)	None Detected
07-20 <i>041929725-0020</i>	1326 Charlton - 7 - White Insulation	White Fibrous Homogeneous	80% Glass	20% Non-fibrous (Other)	None Detected
07-21 <i>041929725-0021</i>	1326 Charlton - 7 - White Insulation	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
08-22 <i>041929725-0022</i>	1326 Charlton - 5 - White Space Heater - Heat Shield	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
08-23 <i>041929725-0023</i>	1326 Charlton - 5 - White Space Heater - Heat Shield	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
08-24 <i>041929725-0024</i>	1326 Charlton - 5 - White Space Heater - Heat Shield	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected

Analyst(s)

Christopher Richardson (13)

Jose Sanchez (3)

Marvalyn Sandling (13)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 10/16/2019 17:38:52

Asbestos Bulk Sample Log & Chain of Custody Form

Lab Use Only:

041929725

Select a Laboratory.

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location:

Page _____ of _____

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	1326 Charlton - 2	White Popcorn Ceiling		600	G D (SD)
01-02	↓ -2	Texture		Sqft	
01-03	↓ -2				
02-04	↓ -2	White Drywall w/ Joint		2000	G D (SD)
02-05	↓ -9	Compound		Sqft	
02-06	↓				
03-07	↓ -8	1" x 1" Mechanically		100	G D (SD)
03-08	↓ -8	Attached Ceiling Tile		Sqft	
03-09	↓ -9				
04-10	↓ -7	Brown Bath tub Mastic		10 Sqft	G D (SD)
04-11	↓ -7				
04-12	↓ -7				
05-13	↓ -7	Black Roofing Shingles		1000	G D (SD)
05-14	↓ -7	w/ Black Tappaper		Sqft	
05-15	↓ -7				
06-16	↓ -1	White Window Glazing		1 window	G D (SD)
06-17	↓ -1				
06-18	↓ -1				
07-19	↓ -7	White Insulation		400	G D SD
07-20	↓ -7			Sqft	
07-21	↓ -7				

 RECEIVED
 CHINAMINSON
 2019 OCT 10 AM 9:44

1326 Charlton



Asbestos Bulk Sample Log & Chain of Custody Form

Lab Use Only:

041929725
Select a Laboratory:

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location:

Page ___ of ___

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
08-22	-5	White Space Heater		3	G D SD
08-23	-5	Heat Shield			G D SD
08-24	-5				G D SD
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD
					G D SD
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RECEIVED
ENSL
CINNAMISON, N.J.

SL

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: White popcorn ceiling texture.



View of HA-02: White drywall and joint compound.



View of HA-03: White 1'x1' mechanically attached ceiling tiles.



HA-05: Black roofing shingles with tar paper.



View of HA-06: White window glazing.



View of HA-08: White space heater insulation.

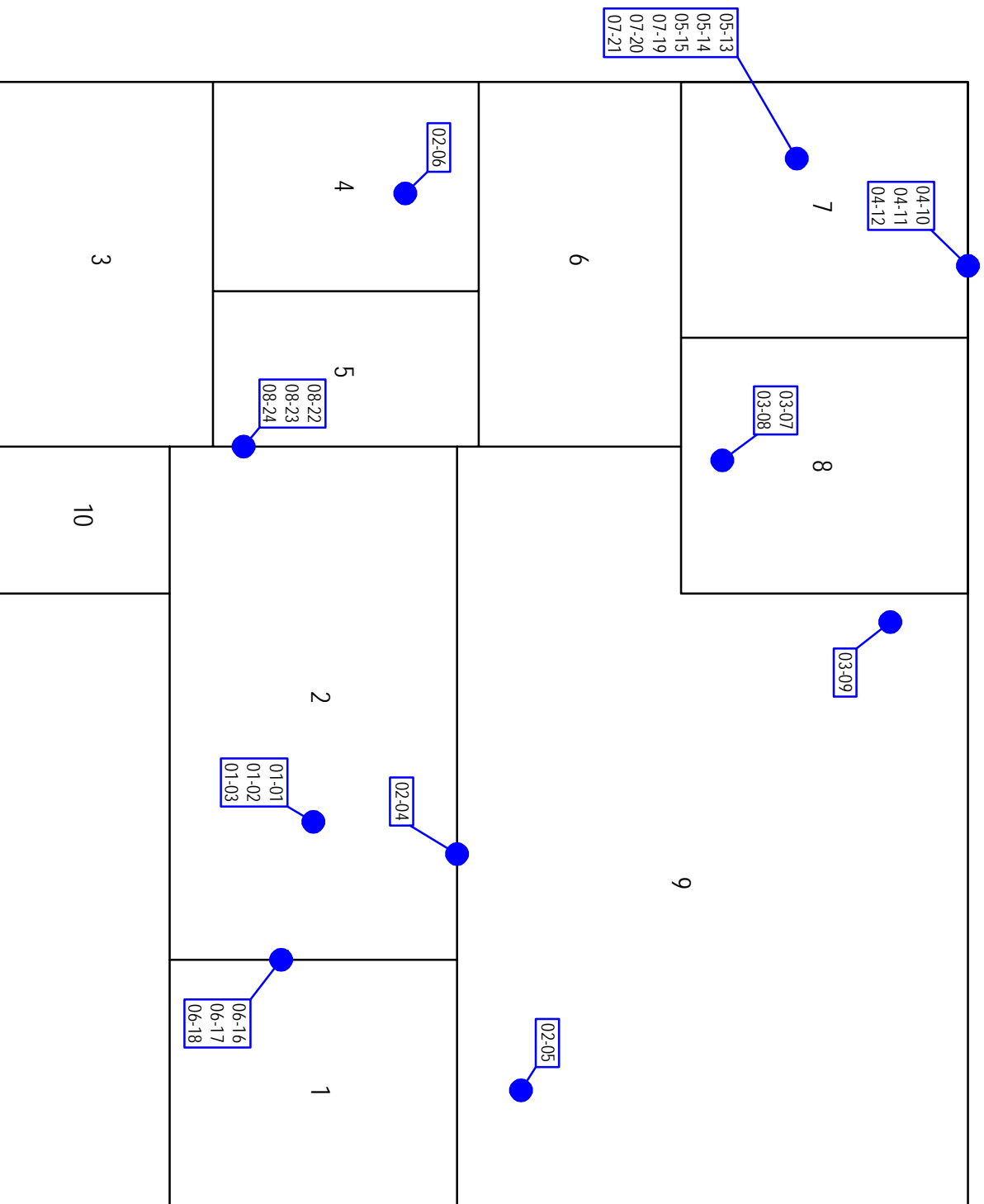


View of HA-07: White insulation.

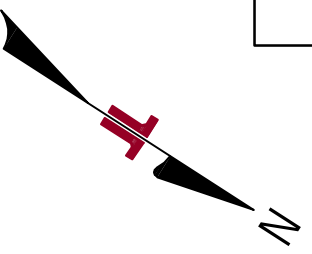


General view of interior.

APPENDIX D
EXHIBITS



CHARLTON ST.



LEGEND

- ASBESTOS BULK SAMPLE LOCATIONS

Project Name:	SML	Project No:	BB197056
Drawn By:	AMM	Scale:	NOT TO SCALE
Checked By:	SML	File No:	SAMPLELOC.dwg
Approved By:	ZLD	Date:	OCTOBER 2019


 Consulting Engineers and Scientists

524 ELWOOD PARK BLVD NEW ORLEANS, LA 70123
 (504) 818-3688

1326 CHARLTON ST. - BULK SAMPLE LOCATIONS

LIMITED ASBESTOS SURVEY
 CITY OF ALEXANDRIA - 1326 CHARLTON ST. - CD12672
 1326 CHARLTON ST.
 ALEXANDRIA, LOUISIANA

EXHIBIT

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

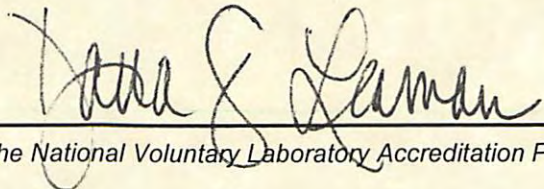
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2



ASBESTOS NOTIFICATION OF DEMOLITION (NEGATIVE DECLARATION) FORM AAC-2(b)

**Do not use this form for
Asbestos Disposal Verification Forms (ADVF) requests**

Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	N/A
Amt. Received	N/A
Postmark Date	
ADVF No.	N/A

Please type and complete all required sections.

NOTE: This form is to be used only for demolitions when lab analysis of properly sampled material indicates: that no Asbestos-Containing Material (ACM) is present; that the ACM present is not Regulated Asbestos-Containing Material (RACM), and will not be made RACM by the demolition; or that RACM, including any ACM that will be made RACM by the demolition, is less than the thresholds below (See Section I). For all other demolitions, renovations, or asbestos-contaminated debris activities, request ADVFs using the *Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)*.

NOTE: This form is to be used for NON-EMERGENCIES only.

I. Type of Notification <input checked="" type="checkbox"/> No ACM present <input type="checkbox"/> ACM present is not RACM and will not be made RACM by the demolition <input type="checkbox"/> RACM, or ACM that will be made RACM, is less than the established thresholds (See right)	Established Thresholds per LAC 33:III.5151.F.1. Combined amount of RACM is less than: <ul style="list-style-type: none"> 60 linear feet on pipes; 64 square feet on other facility components; or 1 cubic yard off facility components where length or area could not be measured previously.
--	--

II. Type of Operation <input checked="" type="checkbox"/> Demolition (allowable only if structure contains no RACM or contains RACM below established thresholds) (See Section I, above)
--

III. Facility Description	
Facility Name <u>Residential Structure</u> Physical Address <u>1326 Charlton Street</u> City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u> Owner Name _____ Contact Information: _____ Contact Name _____ Mailing Address _____ City _____ State _____ Zip _____ Phone () _____ Email _____	Parish <u>Rapides</u> Building Size (sq. ft.) <u>1,000</u> No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u> Location on site (Bldg, Floor, Room, etc.) where work is done <u>Building will be razed.</u> _____ Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Other <u>Blighted structure</u> Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Other _____

IV. Determination of No RACM Present /Amount of RACM Present is Below Established Thresholds for Demo Project (See Section I)

Inspection Date 10/08/2019 (mm/dd/yy) Lab Analysis Date 10/16/2019 (mm/dd/yy)
 Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ
 Inspector's Accred. No. MI200658 LELAP* Lab ID No. 04127
 Lab Agency Interest (AI) No. 131900

Procedure, including analytical method, if appropriate, PLM – EPA 600
 used to detect the presence of asbestos material _____

NOTE: Laboratory analysis performed by commercial laboratories for this determination must have been conducted in accordance with the requirements set forth under LAC 33:I.Subpart 3, Chapters 49-55.

Laboratory data generated by commercial laboratories that are not accredited by the *Louisiana Environmental Laboratory Accreditation Program (LELAP) under LAC 33:I.Subpart 3, Chapters 47-57, will not be accepted by the LDEQ; retesting of analysis will be required by a commercial laboratory accredited by LELAP.

- Attach the following copies:
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b) will not be processed without these attachments.

V. Asbestos Containing Material (ACM) Not to be Removed from Structure Prior to Demolition (if ACM is present)

	RACM		Non-regulated ACM	
Type of Asbestos Material	<input type="checkbox"/> TSI <input type="checkbox"/> Ceiling Tile	<input type="checkbox"/> Fireproofing <input type="checkbox"/> Other _____	<input type="checkbox"/> VAT <input type="checkbox"/> Mastic	<input type="checkbox"/> Asphalt Roofing <input type="checkbox"/> Other _____
Amount of Asbestos Material Not Removed	_____ linear _____ square feet _____ cubic yards		_____ linear feet _____ square feet _____ cubic yards	

VI. Demolition Contractor

Contractor Name _____ Contact Name _____
 Mailing Address _____ Contact Email _____
 City _____ State _____ Zip _____ Contact Phone () _____

VII. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

VIII. Planned Non-RACM Demolition

Describe planned non-RACM demolition and methods to be used _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II becomes RACM (per LAC 33:III.5151.F.2.d.xvii) _____

IX. Comments Provide any additional comments/information relevant to the *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.

X. Certification Sign this section only if RACM is absent or amount of RACM present is below established thresholds (See Section I)

I certify that the above information is correct and that under penalty of law, with regard to the structure being demolished, RACM is determined to be absent or the amount of RACM present is below established thresholds per LAC 33:III.5151.F.1. I understand that:

- the *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)* is incomplete without the required analysis and supporting documentation from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57; this constitutes a failure to notify the LDEQ (See Section IV);
- the LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- the *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)* will not be processed without the required analysis and supporting documentation from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

Submittal Information

- There is no fee associated with the *Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b)*.
- Submit the form with an original signature and required attachments by one of the methods of delivery listed below.
- Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); however, the form with an original signature and required attachments must be submitted to the LDEQ within 5 working days of the email date by one of the following methods of delivery:

By Mail:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9633-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 142 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 142 structures.

Removal-demolition by owner

BE FURTHER RESOLVED, etc., that on recommendation of the Community Development Administrator the following structures because of actions by owners who have hired State Licensed Contractors, secured permits & have completed works or secured permits are removed from this condemnation list

- 1) 4321 3rd Street – Kirklin Construction, demolition complete
- 2) 1947 Overton Street - Lathan Construction, demolition complete
- 3) 1953 Overton Street - Lathan Construction, demolition complete
- 4) 1957 Overton Street - Lathan Construction, demolition complete
- 5) 1963 Overton Street - Lathan Construction, demolition complete

Removed – incorrect address

- 6) 5211 Lincoln Road – incorrect address submitted in original list.

Continuance of Council action to consider Condemnations

The following property owners hired State licensed Contractors to secure permits: (work to be completed by 3/31/2017)

- 1) 2904 3rd Street -Veal Construction, Demo Permit issued.
- 2) 2211 Broadway Avenue - Grant Eastern, Demo Permit issued.
- 3) 1626 Dallas Avenue - Grant Eastern, Demo Permit issued.
- 4) 2924 Lee Street -Alliance Design, working on construction drawings.
- 5) 2307 Memphis Street -Veal Construction, Rehab Permit issued.
- 6) 4012 Morris Street - Lathan Construction, Demo Permit issued,

BY
 CLERK & RECORDER
 RAPIDES PARISH, LA
 17 MAR 14 PM 1:55
 FILED & RECORDED
 ROBYN L. HOOTER
 RECORDER
 1597800

765-
 14-

- 7) 341 North 17th Street - Lathan Construction, Demo Permit issued.
- 8) 2806 Overton Street -Tennie Construction, Rehab Permit issued.
- 9) 1506 Park Avenue - Larwood Construction, Rehab Permit issued.
- 10) 2518 Wise Street -Tennie Construction, Rehab Permit issued.

30 days extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **April 18, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1720 Albert Street	Patrick LaCour
1758 Albert Street	Wasmer Properties, LLC
2024 Harris Street	Tameisha & Melvin Sigur
2302 Lee Street	Tameisha & Melvin Sigur
2243 Overton Street	Tameisha & Melvin Sigur
1512 Shirland Avenue	Felicia Dauzat
3933 Clinton Street	Oscar & Dorothy Jones

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on April 18, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

60 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **May 16, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
2129 3 rd Street	Newton Collier
1430 5 th Street	Bernadette S. Baker
2524 8 th Street	Marie C. Allen
312 Bogan Street	C E S R LLC, Clarence Spottsville
118 Cottage Street	Kenneth Wayne Joseph
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
1779 Mason Street	Stanford Joseph
2530 Memphis, Unit A & B	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
417 Newman Street	Mark Fairley, ET AL
3022 Houston Street	Deborrah Phoenix Jones
2742 10 th Street	Thoma Cherneva

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on May 16, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

90 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **June 13, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue (Larvadain abstained)	David A. Sheffield
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 13, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on March 7, 2017, the facts justifying Condemnation of the structures and improvements for the following properties, the law and evidence being in favor of Condemnation of the property it is Ordered the following properties are each **condemned** and shall be demolished and removed by the City or its agents within Sixty(60) days of this Order or otherwise within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
2424 3 rd Street	Page Livingston
3617 4 th street	Bakies Properties, LLC
3621 4 th street	Jerry Pearson
3108 9 th street	Alpha Capital/BMO Harris
3112 9 th street	Alice Hammond
3110 9 th Street	Frank R. Bordelon
3723 11 th street	Agnes Wallace
2447 Alma Street	Jerry Johnson
4110 Balentine Street	Colonial Financial Service Inc
99B Bertie Street	Walter Reynolds

1326 Charlton Street	Elsie H. Ryland
3925 Clinton Street	Henry Joffrion
1117 Cole Street	Leontina Dauzat
1119 Cole Street	Leontina Dauzat
2027 East Texas Avenue	Midwest Management
56 Eastwood Boulevard	Tri Brewer
1204 Fenner Street	Don Thompson
4517 Futrell Street	Willie M. Pickens
405 Gabriel Lane	Shirley Johnson
3008 Houston Street	Willie Wilson
3149 Houston Street	Savannah Webber
3305 Hudson Boulevard	Delwin Eldridge
3331 Hudson Boulevard	Rodney Taylor
311 John Thomas Street	Thomas Farace
5503 Jube Street	Michael Tennie
3520 Laurel Street	Donald Medica
717 Leland Street	Henry Weekly
4206 Lincoln Road	Lillian Davis
2533 Main Street	Washington Bush
116 Mary Lane	Bakies Properties, LLC
314 Marye Court	Kylie R. Larwood
2008 Mason Street	McErvin Howard, Sr. EST
2219 Mill Street	Dominic Robinson
208 1/2 North 13 th Street	Jerry Larwood
2803 Overton Street	Jerry & Rhonda Hughes

2426 Paris Street	Midwest Management US Bank
3404 Raymo Drive	Betty Givens & Charlie Johnson
342 Rosewood Drive	Randy L. Michiels
1530 Turner Street	James Price
2515 Wise Street	Curtisteen Matthews
524 Woodard Street	Alice Hammond
2401 3 rd Unit A Street	Nick Chenvert
2401 3 rd Unit B Street	Nick Chenvert
2603 3 rd Street	Annie Mae King
3120 3 rd street	Alice Hammond
2908 4 th Street	Harry Jackson
2634 6 th Street	Jessie Aaron
2641 8 th Street	Luster R. Smith
2516 12 th Street	Bessie Burrell
2544 12 th Street	Leon Rose
1015 Augusta Avenue	Leonard Johnson
97 Bertie Street	Walter Reynolds
3208 Bloch Street	Clifton Morris
5230 Broadmoor Court	Ray Rolan Chandler
832 Broadway Avenue	Elks Hub City Lodge #646
5211 Crestwood Drive	Clyde G. & Francine Wilson
1030 Dallas Avenue	Ora Butler
319 Daspit Street	Ralph & Emma McCoy
628 Douglas Street	Cole Rosa Lee Brooks
5137 Edward Avenue	Linda Smith Scott

1321 Fenner Street	Bessie Morris
3611 Hollywood Drive	Ivory Grant
2828 Houston Street	Jacquelin Freeman
3201 Hudson Boulevard	Rex H. Countee
1510 Huffman Street	Lucy B. Russaw
1512 Huffman Street	Virginia Harvey
821 John Thomas	Lucille Green
2145 Lee Street	Pharrow Perkins
604 Leonard Street	Rosa M. McCoy
1904 Levin Street	Russell J. Walker
1912 Levin Street	Louis H. Taylor/Frankie Mae Hall
2636 Main Street	Carrie C. Small
2716 Main Street	Lucille Taffaro
316 Marye Court	The Money Shack, LLC
2054 Mason Street	Herman Davis Burrell
2095 Mason Street	Rosemary Dauzart
209 North 15 th Street	Jerry Larwood
2040 Overton Street	Mary Cataldie
2069 Overton Street	Thomas J. Atkins
2213 Overton Street	Gertrude Quinney
2217 Overton Street	Bessie M. Vallery
2332 Overton Street	Joyce R.F. Sandifer
2437 Overton Street	Everett Hobbs
2441 Overton Street	Sir Welton Hobbs
2608 Overton Street	Harry C. Robinson

2720 Overton Street
2430 Paris Street
921 Railroad Avenue
504 Scallan Street
1203 Willow Glen River Road
2327 Wise Street (Larvadain abstained)
2704 Wise Street
730 Woodard Street

James P. Clinton
Joseph Wardsworth
Joyce Ann Clinton-Naquin
Lula Mae Booze
Mississippi Land Co., Inc.
Benjamin Bayone
Henry George
Willie Whittington

BE IT FURTHER RESOLVED, etc., that the Order of Condemnation is final for the Properties and parcels listed above and shall be enforceable in accordance with the laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 7th day of March, 2017.

/s/ Donna Jones

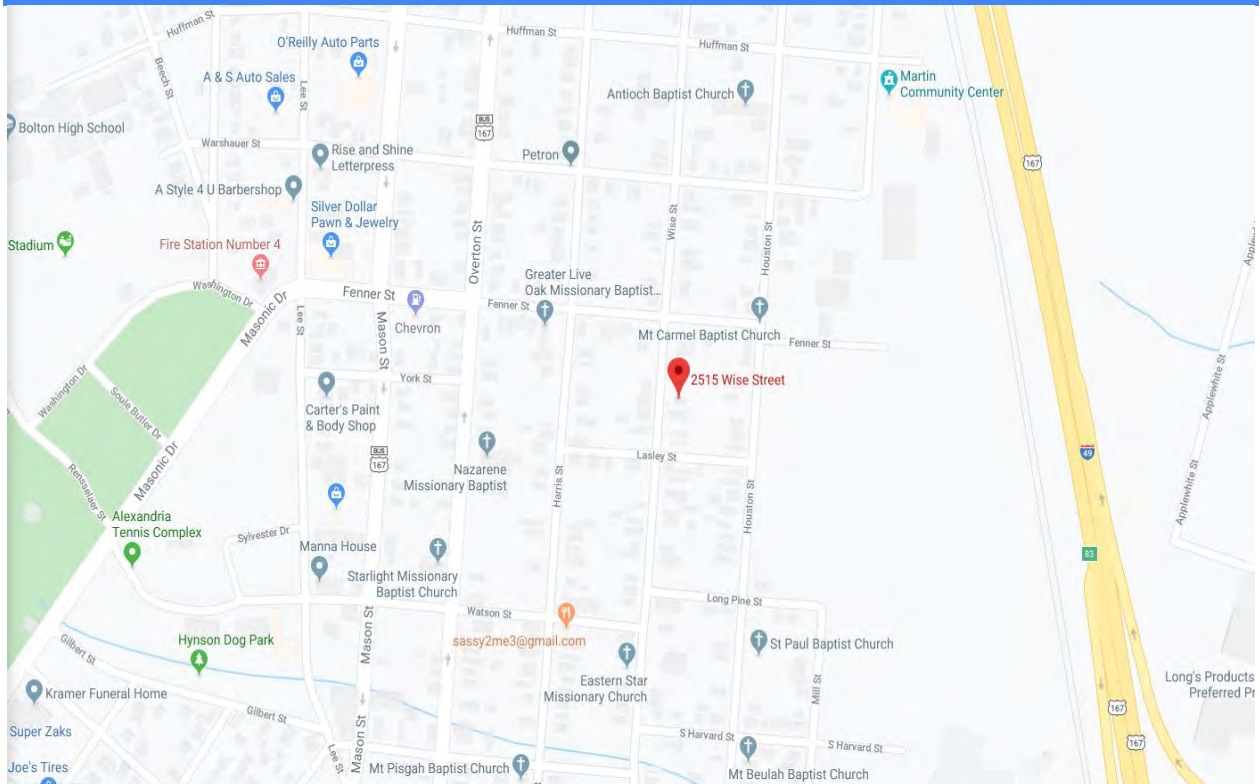
City Clerk

STATE OF LOUISIANA, PARISH OF RAPIDES
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND CORRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF
OFFICE, AT ALEXANDRIA, LOUISIANA, THIS 15
DAY OF March, A.D., 2017
BY [Signature]
DY. CLERK OF COURT

CD-12806
2515 Wise Street



31°17'28.4"N 92°26'51.3"W



Asbestos Survey Report

**Residential Structure (CD12806)
2515 Wise Street
Alexandria, Louisiana**

November 6, 2019
Terracon Project No. BB197056



Prepared for:
Community Development Department
Alexandria, Louisiana

Prepared by:
Terracon Consultants, Inc.
Shreveport, Louisiana

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



November 6, 2019

City of Alexandria
Community Development Department
625 Murray Street, Suite 7
Alexandria, Louisiana

Attn: Ms. Kenna Lavalais

Re: Asbestos Survey Report
Residential Structure (CD12806)
2515 Wise Street
Alexandria, Louisiana
Terracon Project No. BB197056

Dear Ms. Lavalais:

The purpose of this report is to present the results of an asbestos survey performed on October 10, 2019, at the above referenced structure in Alexandria, Louisiana. This work was completed in accordance with the Agreement for Professional/Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019. We understand that this survey was requested due to the planned demolition of the structure.

Asbestos-containing materials were not identified at the subject site. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service. If you have any questions regarding this report, please contact the undersigned at (504) 818-3638.

Sincerely,
Terracon Consultants, Inc.

Steven Latiolais
Staff Industrial Hygienist

Zack L. Dial
Senior Engineer

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APPENDIX B	Asbestos Laboratory Analytical Report
APPENDIX C	Photographs of Select Homogeneous Areas
APPENDIX D	Exhibit
APPENDIX E	Certifications
APPENDIX F	Form AAC-2

ABESTOS SURVEY REPORT
Residential Structure (CD12806)
2515 Wise Street
Alexandria, Louisiana
Terracon Project No. BB197056
November 6, 2019

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the above referenced building located in Alexandria, Louisiana. The survey was conducted on October 10, 2019, by Mr. Steven Latiolais a Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector (AI#: 200658). This work was completed in accordance with the Agreement for Professional / Consulting Services between the City of Alexandria and Terracon Consultants, Inc. dated June 27, 2019.

1.1 Project Objective

The scope of services included a survey for asbestos-containing materials (ACM) required by the United States Environmental Protection Agency (USEPA) regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), and Louisiana Environmental Regulatory Code (ERC) Title 33, Part III, Section 5151 (Chapter 51), both of which prohibit the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP and Chapter 51 require that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition/renovation activities.

2.0 BUILDING DESCRIPTION

The structure is an approximately 1,300 square-foot, single-story, pier-and-beam structure with a wood frame. At the time of the survey, the structure was largely damaged throughout. Internal floors consisted of wood and vinyl sheet flooring, and walls and ceilings consisted of wood and/or drywall system wallboard.

Asbestos Survey Report

2515 Wise Street ■ Alexandria, Louisiana

November 6, 2019 ■ Terracon Project No. BB197056



3.0 ASBESTOS SURVEY

3.1 Field Activities

The asbestos survey was conducted by Louisiana Department of Environmental Quality (LDEQ) accredited asbestos inspector, Mr. Steven Latiolais (AI#: 200658). A copy of the asbestos inspector's certificate is attached as Appendix E. 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.

3.1.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building proposed for demolition to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, and texture with consideration given to the date of application. The interior 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.

Terracon lifted floor coverings and inspected above the ceiling in several areas in the building and observed areas of additional suspect materials; however, as Terracon could not assess above all ceilings and beneath all floor coverings, there may be isolated areas of additional suspect material present in the structure.

3.1.2 Physical Assessment

A physical assessment of each homogeneous area (HA) 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 that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.1.3 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. The inspector 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.

Asbestos Survey Report

2515 Wise Street ■ Alexandria, Louisiana

November 6, 2019 ■ Terracon Project No. BB197056



Eighteen (18) samples were collected from six (6) homogeneous areas of suspect ACM from the structure. A summary of suspected ACM materials collected during the survey is included as Appendix A. Selected photographs of each HA are presented in Appendix C.

3.1.4 Sample Analysis

Bulk samples were submitted under chain of custody to EMSL Analytical, Inc. of Cinnaminson, New Jersey (NVLAP Accreditation No 101048-0; LELAP Accreditation No 04127) for analysis by polarized light microscopy with dispersion staining techniques per EPA methods (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. The laboratory analytical report is included in Appendix B.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACM is identified as either friable, Category I non-friable or Category II non-friable ACM. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

RACM includes all friable ACM, along with Category I and Category II non-friable ACM that has become friable, will be or has been subjected to sanding, grinding, cutting or abrading, or ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder in the course of renovation or demolition activity.

Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, resilient floor covering mastics and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials other than Category I non-friable ACM that contain more than 1% asbestos. Category II non-friable ACM generally includes but is not limited to cementitious material such as: cement pipes, cement siding, cement panels, glazing, mortar and grouts.

The State of Louisiana has established Chapter 27 of the ERC (LAC 33:III.Chapter 27) to regulate the identification, management, and abatement of ACM in schools and state buildings. Chapter 27 requires any asbestos-related activity in a school or state building to be performed by an individual or company accredited 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

Asbestos Survey Report

2515 Wise Street ■ Alexandria, Louisiana

November 6, 2019 ■ Terracon Project No. BB197056



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 under Louisiana Department of Environmental Quality Chapter 27 Appendix A.

In non-state, non-school buildings, the State of Louisiana sets forth emission standards for asbestos under Chapter 51 of the ERC (LAC 33:III.Chapter 51). Per Chapter 51 Section P, the following activities, when conducted, must be performed by accredited individuals: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos.

The Louisiana Air Quality Regulations (LAC 33:III.Chapter 51, Subchapter M) require that an inspection be conducted by a person currently accredited as an LDEQ asbestos inspector. LDEQ requires a notification by submitting either an AAC-2 (a) form or AAC-2 (b) form. An AAC-2 (a) form is required when requesting Asbestos Disposal Verification Forms (ADVF) for Asbestos Contaminated Debris Activities (ACDA), Demolition, Renovation, and/or Response Action projects where Regulated Asbestos Containing Material (RACM) is present, or assumed to be present, above the established thresholds or as otherwise required by LAC 33:III.5151.F.1. The AAC-2 (a) form must be either postmarked or hand delivered to the Department at least 10 working days prior to the scheduled dates of asbestos removal. An AAC-2 (b) form is required when greater than 64 square feet of Vinyl Asbestos Tile (VAT) is removed without the intent of making it RACM, or when lab analysis of properly sampled materials indicates that no ACM is present; that ACM present is not RACM and will not be made RACM by the demolition; or that all RACM present is less than established thresholds. The established thresholds per LAC 33:III.5151.F.1 include the combined amount of RACM less than 60 linear feet on pipes, 64 square feet on other facility components or 27 cubic feet of material where length or area could not be measured previously. A Form AAC-2 (b) must be postmarked or hand delivered to the Department at least 5 working days prior to the scheduled date of asbestos removal or 3 working days if the removal only includes resilient floor covering per LAC 33:III.5151.F.2.c.

Any individual or company contracted to perform a demolition or renovation activity that disturbs RACM must be recognized by the Louisiana Licensing Board for Contractors to perform asbestos abatement.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities that could disturb ACM and

Asbestos Survey Report

2515 Wise Street ■ Alexandria, Louisiana

November 6, 2019 ■ Terracon Project No. BB197056



specifies work practices and precautions that employers must follow when engaging in each class of regulated work. The standard also specifies requirements for handling materials containing asbestos in concentrations less than or equal to 1%.

5.0 FINDINGS AND RECOMMENDATIONS

Asbestos-containing materials were not identified in connection of the subject structure.

As results of this survey Terracon did not identify any asbestos-containing materials, however, LDEQ requires written notification (AAC-2b) prior to any demolition activity, regardless of whether the building contains asbestos.

5.1 Special Conditions

Asbestos was identified in concentrations greater than 1% in joint compound associated with drywall ceiling systems within the subject structure (Samples 01-01, 01-02, 01-03). However, the composite PLM sample analysis of the drywall and joint compound was less than 1%; therefore, the drywall and joint compound system is not considered ACM per NESHAP. However, the OSHA Asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos regardless of concentration. 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 disturbance of this material has the potential to result in the release of airborne asbestos fibers.

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 prove otherwise.

A summary of the suspected materials collected is presented in Appendix A. Laboratory analytical reports are presented in Appendix B. Exhibits presenting sample locations and room identification designations are presented in Appendix D.

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

Asbestos Survey Report

2515 Wise Street ■ Alexandria, Louisiana

November 6, 2019 ■ Terracon Project No. BB197056



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 City of Alexandria 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, express or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY

TABLE 1.0
ASBESTOS SURVEY SAMPLE SUMMARY
2515 Wise Street
Alexandria, Louisiana

HA	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	White Wallboard with Joint Compound	Throughout	Significantly Damaged	Wallboard – None Detected Joint Compound – 2% Chrysotile Composite – <1% Chrysotile
	01-02				Wallboard – None Detected Joint Compound – Not Analyzed Composite – <1% Chrysotile
	01-03				Wallboard – None Detected Joint Compound – Not Analyzed Composite – <1% Chrysotile
02	02-04	Beige 9"x9" Patten Sheet Flooring with Fiber Backing	1 and 7	Significantly Damaged	None Detected
	02-05				None Detected
	02-06				None Detected
03	03-07	Tan Pebbled Patten Sheet Flooring with Fiber Backing	4	Significantly Damaged	None Detected
	03-08				None Detected
	03-09				None Detected
04	04-10	Faux Wood Sheet Flooring with Fiber Backing	3 and 6	Significantly Damaged	None Detected
	04-11				None Detected
	04-12				None Detected
05	05-13	White Window Caulking	Exterior Windows	Significantly Damaged	None Detected
	05-14				None Detected
	05-15				None Detected
06	06-16	Black Roof Shingles with Felt Paper	Roof	Significantly Damaged	None Detected
	06-17				None Detected
	06-18				None Detected

APPENDIX B
ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929874

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Attention: Steven Latiolais
Terracon Consultants
524 Elmwood Park Blvd.
Ste. 170
New Orleans, LA 70123

Project: 2515 Wise - BB197056

Phone: (504) 818-3638

Fax:

Received Date: 10/11/2019 9:20 AM

Analysis Date: 10/15/2019 - 10/29/2019

Collected Date: 10/10/2019

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-01-Wallboard <small>041929874-0001</small>	2515 Wise St. - 7 - White Wallboard	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
01-01-Joint Compound <small>041929874-0001A</small>	2515 Wise St. - 7 - Joint Compound	Tan Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
01-01-Composite <small>041929874-0001B</small>	2515 Wise St. - 7 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	<1% Chrysotile
01-02-Wallboard <small>041929874-0002</small>	2515 Wise St. - 1 - White Wallboard	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
01-02-Joint Compound <small>041929874-0002A</small>	2515 Wise St. - 1 - Joint Compound				Positive Stop (Not Analyzed)
01-02-Composite <small>041929874-0002B</small>	2515 Wise St. - 1 - White Wallboard / Joint Compound	Brown/Tan/White Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	<1% Chrysotile
01-03-Wallboard <small>041929874-0003</small>	2515 Wise St. - 5 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
01-03-Joint Compound <small>041929874-0003A</small>	2515 Wise St. - 5 - Joint Compound				Positive Stop (Not Analyzed)
01-03-Composite <small>041929874-0003B</small>	2515 Wise St. - 5 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	<1% Chrysotile
02-04 <small>041929874-0004</small>	2515 Wise St. - 7 - Beige 9" x 9" Pattern Sheet Flooring	Beige Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
02-05 <small>041929874-0005</small>	2515 Wise St. - 1 - Beige 9" x 9" Pattern Sheet Flooring	Beige Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
02-06 <small>041929874-0006</small>	2515 Wise St. - 1 - Beige 9" x 9" Pattern Sheet Flooring	Beige Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
03-07-Sheet Flooring <small>041929874-0007</small>	2515 Wise St. - 4 - Tan Pebbled Pattern Sheet Flooring	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-07-Backing <small>041929874-0007A</small>	2515 Wise St. - 4 - Fiber Backing	White Non-Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
03-08-Sheet Flooring <small>041929874-0008</small>	2515 Wise St. - 4 - Tan Pebbled Pattern Sheet Flooring	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-08-Backing <small>041929874-0008A</small>	2515 Wise St. - 4 - Fiber Backing	White Non-Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected

Report amended: 10/29/2019 10:37:00 Replaces initial report from: 10/21/2019 07:23:28 Reason Code: Client-Additional Analysis



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order: 041929874
Customer ID: TCNL25
Customer PO: BB197056
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
03-09-Sheet Flooring <i>041929874-0009</i>	2515 Wise St. - 4 - Tan Pebbled Pattern Sheet Flooring	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-09-Backing <i>041929874-0009A</i>	2515 Wise St. - 4 - Fiber Backing	White Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
04-10-Sheet Flooring <i>041929874-0010</i>	2515 Wise St. - 3 - Faux Wood Sheet Flooring	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04-10-Backing <i>041929874-0010A</i>	2515 Wise St. - 3 - Fiber Backing	White Fibrous Homogeneous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
04-11-Sheet Flooring <i>041929874-0011</i>	2515 Wise St. - 3 - Faux Wood Sheet Flooring	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04-11-Backing <i>041929874-0011A</i>	2515 Wise St. - 3 - Fiber Backing	White Fibrous Homogeneous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
04-12-Sheet Flooring <i>041929874-0012</i>	2515 Wise St. - 3 - Faux Wood Sheet Flooring	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04-12-Backing <i>041929874-0012A</i>	2515 Wise St. - 3 - Fiber Backing	White Fibrous Homogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
05-13 <i>041929874-0013</i>	2515 Wise St. - Ext - White Window Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05-14 <i>041929874-0014</i>	2515 Wise St. - Ext - White Window Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05-15 <i>041929874-0015</i>	2515 Wise St. - Ext - White Window Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-16-Roof Shingle <i>041929874-0016</i>	2515 Wise St. - Roof - Black Roof Shingle	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
06-16-Felt Paper <i>041929874-0016A</i>	2515 Wise St. - Roof - Felt Paper	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
06-17-Roof Shingle <i>041929874-0017</i>	2515 Wise St. - Roof - Black Roof Shingle	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
06-17-Felt Paper <i>041929874-0017A</i>	2515 Wise St. - Roof - Felt Paper	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
06-18-Roof Shingle <i>041929874-0018</i>	2515 Wise St. - Roof - Black Roof Shingle	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
06-18-Felt Paper <i>041929874-0018A</i>	2515 Wise St. - Roof - Felt Paper	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected

Report amended: 10/29/2019 10:37:00 Replaces initial report from: 10/21/2019 07:23:28 Reason Code: Client-Additional Analysis



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

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EMSL Order: 041929874

Customer ID: TCNL25

Customer PO: BB197056

Project ID:

Analyst(s)

Christopher Richardson (7)

Ebony Miller (17)

Laura Kantor (3)

Marvalyn Sandling (4)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Report amended: 10/29/2019 10:37:00 Replaces initial report from: 10/21/2019 07:23:28 Reason Code: Client-Additional Analysis

Asbestos Bulk Sample Log & Chain of Custody Form

Lab Use Only:
 Select a Laboratory:

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638

Lab Location: _____ Page _____ of _____

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹				
01-01	2515 Wise St - 7	White wallboard w/ joint compound	Ceilings and wall	850 SF	G D SD				
01-02	↓	-	w/ back panel	5	G D SD				
01-03									
02-04						Beige 9" x 9" pattern sheet	1 + 7	5	G D SD
02-05						Flooring			G D SD
02-06									G D SD
03-07	↓	-	4.	40 SF	G D SD				
03-08						Tan pebbled pattern sheet			
03-09						Flooring w/ fiber backing			
04-10						Faux wood sheet flooring			
04-11	↓	-	3 + 6	40 SF	G D SD				
04-12						w/ fiber backing			
05-13	↓	-Ext.	Exterior windows	12 windows	G D SD				
05-14						White window caulking			
05-15									
06-16	↓	-Roof	Roof	1000 SF	G D SD				
06-17						Black Rock Shingles			
06-18						w/ felt paper			
					G D SD				

Page 2 of 2

OrderID: 041929874

(Signature)

APPENDIX C
PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



View of HA-01: White Wallboard with Joint Compound



View of HA-02: Beige 9"x9" Pattern Sheet Flooring



View of HA-03: Tan Pattern Sheet Flooring with Fiber Backing



HA-04: Faux Wood Sheet Flooring with Fiber Backing

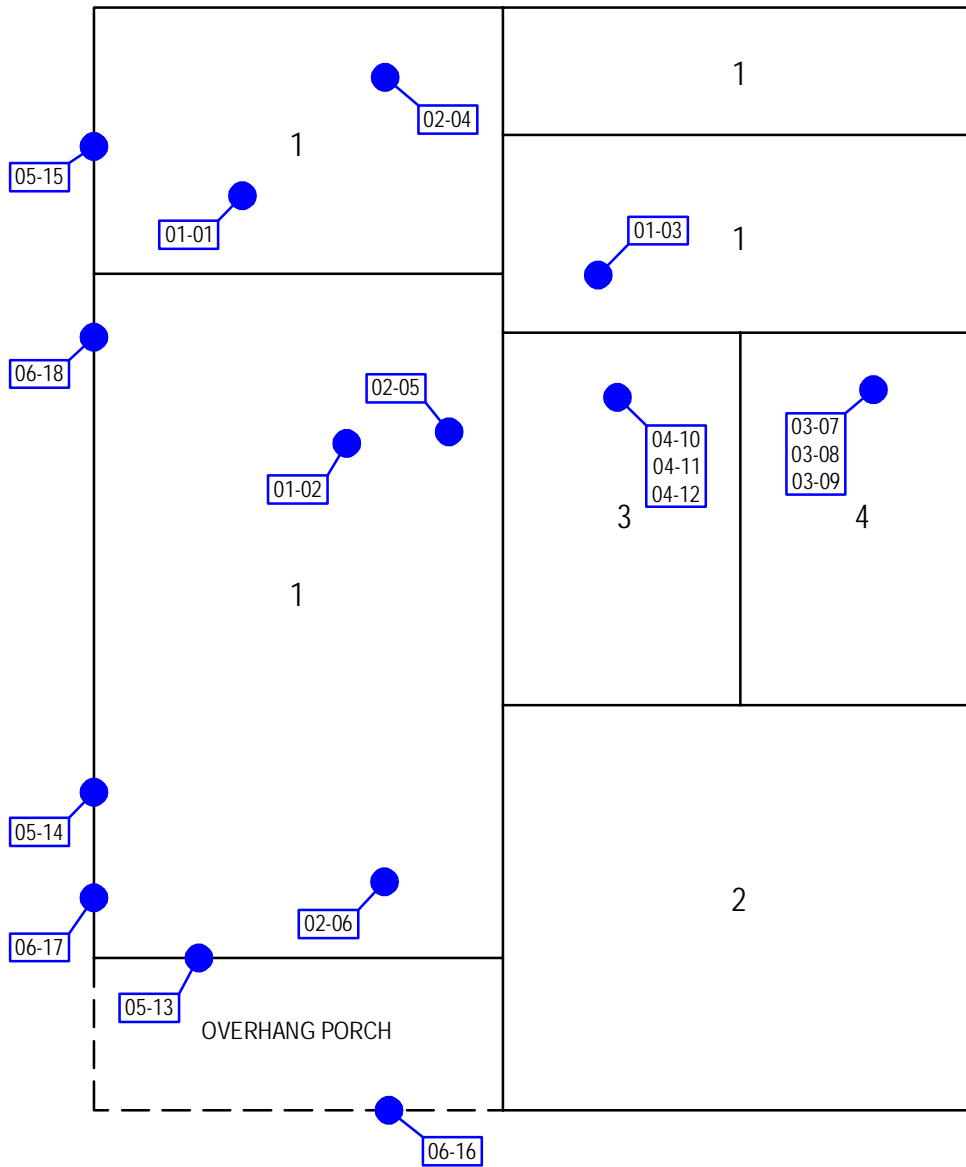


View of HA-05: White Window Caulking



View of HA-06: Black Roof Shingles with Felt Paper

APPENDIX D
EXHIBITS



LEGEND

● ASBESTOS BULK
SAMPLE LOCATIONS

Project Mng:	SML	Project No.	BB197056
Drawn By:	AMM	Scale:	NOT TO SCALE
Checked By:	SML	File No.	SAMPLELOC.dwg
Approved By:	ZLD	Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists

524 ELMWOOD PARK BLVD NEW ORLEANS, LA 70123
(504) 818-3638 (504) 818-3890

2515 WISE ST. - BULK SAMPLE LOCATIONS

LIMITED ASBESTOS SURVEY
CITY OF ALEXANDRIA - 2515 WISE ST. - CD12580
2515 WISE STREET
ALEXANDRIA, LOUISIANA

EXHIBIT

1

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

APPENDIX E
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Steven Latiolais

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

Asbestos Inspector

Accreditation No. MI200658

AI No. 200658

Date of Issuance March 13, 2019

Expiration March 21, 2020

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.

Paul Bergeron

Permit Support Services Division
Office of Environmental Services



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**EMSL Analytical Inc
200 Rt 130 N
Cinnaminson, New Jersey 08077**

**Agency Interest No. 131900
Activity No. ACC20190002**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:1.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date: 21 June 2019
Effective Date: **July 1, 2019**
Expiration Date: **June 30, 2020**
Certificate Number: **04127**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

EMSL Analytical Inc
AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100173 - Asbestos by Phase Contrast Microscopy	NIOSH 7400 (A Rules)	899	NELAP	NJ
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix A (Mandatory TEM)	2062	NELAP	NJ
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air Samples	EMSL SOP M005	2887	AIHA	LA
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes	EPA 7420	10164406	AIHA	LA
100230 - Lead in Airborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1000 - Aluminum	NIOSH 7300	90012401	AIHA	LA
1005 - Antimony	NIOSH 7300	90012401	AIHA	LA
1010 - Arsenic	NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300	90012401	AIHA	LA
1025 - Boron	NIOSH 7300	90012401	AIHA	LA
1030 - Cadmium	NIOSH 7300	90012401	AIHA	LA
1035 - Calcium	NIOSH 7300	90012401	AIHA	LA
1040 - Chromium	NIOSH 7300	90012401	AIHA	LA
1050 - Cobalt	NIOSH 7300	90012401	AIHA	LA
1055 - Copper	NIOSH 7300	90012401	AIHA	LA
1057 - Gallium	NIOSH 7300	90012401	AIHA	LA
1060 - Gold	NIOSH 7300	90012401	AIHA	LA
1070 - Iron	NIOSH 7300	90012401	AIHA	LA
1075 - Lead	NIOSH 7300	90012401	AIHA	LA
1080 - Lithium	NIOSH 7300	90012401	AIHA	LA
1085 - Magnesium	NIOSH 7300	90012401	AIHA	LA
1090 - Manganese	NIOSH 7300	90012401	AIHA	LA
1100 - Molybdenum	NIOSH 7300	90012401	AIHA	LA
1105 - Nickel	NIOSH 7300	90012401	AIHA	LA
1115 - Palladium	NIOSH 7300	90012401	AIHA	LA
1909 - Phosphorus	NIOSH 7300	90012401	AIHA	LA
1120 - Platinum	NIOSH 7300	90012401	AIHA	LA
1125 - Potassium	NIOSH 7300	90012401	AIHA	LA
1140 - Selenium	NIOSH 7300	90012401	AIHA	LA
1150 - Silver	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium	NIOSH 7300	90012401	AIHA	LA
1175 - Tin	NIOSH 7300	90012401	AIHA	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	AIHA	LA
1185 - Vanadium	NIOSH 7300	90012401	AIHA	LA
1190 - Zinc	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1005 - Antimony	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1010 - Arsenic	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1015 - Barium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1020 - Beryllium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1025 - Boron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1040 - Chromium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Lead	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1085 - Magnesium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1090 - Manganese	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1105 - Nickel	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1140 - Selenium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1150 - Silver	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1155 - Sodium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1165 - Thallium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1175 - Tin	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1180 - Titanium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1185 - Vanadium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1190 - Zinc	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1000 - Aluminum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1005 - Antimony	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1010 - Arsenic	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1015 - Barium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1020 - Beryllium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1030 - Cadmium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1035 - Calcium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1040 - Chromium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1050 - Cobalt	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1055 - Copper	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1070 - Iron	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1085 - Magnesium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1090 - Manganese	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1100 - Molybdenum	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1105 - Nickel	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1125 - Potassium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1140 - Selenium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1150 - Silver	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1155 - Sodium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1165 - Thallium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1175 - Tin	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1180 - Titanium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1185 - Vanadium	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1190 - Zinc	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
1075 - Lead	EPA 200.9, Rev.2.2	10015404	NELAP	NJ
1095 - Mercury	EPA 245.1	10036609	NELAP	NJ
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100030 - Asbestos in Friable Material	EPA 600/M4-82-020 (PLM)	1488	NELAP	NJ
100171 - Asbestos by Transmission Electron Microscopy	NYS DOH ELAP 198.4	2015	State	NY
100172 - Asbestos by Polarized Light Microscopy	NYS DOH ELAP 198.6	2223	State	NY
100681 - Fungal - Direct Examination (Bulk)	EMSL SOP M041	2886	AIHA	LA
100682 - Fungal - Direct Examination (Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk Samples	EMSL SOP M005	2887	AIHA	LA
100676 - Fungal Growth in Culturable Surface Bulk Samples	EMSL SOP M005	2887	AIHA	LA
1466 - Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	NELAP	NJ
1400 - Acid Digestion of Sediments, Sludges, and soils	EPA 3050B	10135601	NELAP	NJ
1000 - Aluminum	EPA 6010D	10155916	NELAP	NJ
1005 - Antimony	EPA 6010D	10155916	NELAP	NJ
1010 - Arsenic	EPA 6010D	10155916	NELAP	NJ
1015 - Barium	EPA 6010D	10155916	NELAP	NJ
1020 - Beryllium	EPA 6010D	10155916	NELAP	NJ
1025 - Boron	EPA 6010D	10155916	NELAP	NJ
1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916	NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ
1055 - Copper	EPA 6010D	10155916	NELAP	NJ
1070 - Iron	EPA 6010D	10155916	NELAP	NJ
1075 - Lead	EPA 6010D	10155916	NELAP	NJ
1080 - Lithium	EPA 6010D	10155916	NELAP	NJ
1085 - Magnesium	EPA 6010D	10155916	NELAP	NJ
1090 - Manganese	EPA 6010D	10155916	NELAP	NJ
1100 - Molybdenum	EPA 6010D	10155916	NELAP	NJ
1105 - Nickel	EPA 6010D	10155916	NELAP	NJ
1125 - Potassium	EPA 6010D	10155916	NELAP	NJ
1140 - Selenium	EPA 6010D	10155916	NELAP	NJ
1150 - Silver	EPA 6010D	10155916	NELAP	NJ
1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1160 - Strontium	EPA 6010D	10155916	NELAP	NJ
1165 - Thallium	EPA 6010D	10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ
1180 - Titanium	EPA 6010D	10155916	NELAP	NJ
1185 - Vanadium	EPA 6010D	10155916	NELAP	NJ
1190 - Zinc	EPA 6010D	10155916	NELAP	NJ
1000 - Aluminum	EPA 6020B	10156420	NELAP	NJ
1005 - Antimony	EPA 6020B	10156420	NELAP	NJ
1010 - Arsenic	EPA 6020B	10156420	NELAP	NJ
1015 - Barium	EPA 6020B	10156420	NELAP	NJ
1020 - Beryllium	EPA 6020B	10156420	NELAP	NJ
1025 - Boron	EPA 6020B	10156420	NELAP	NJ
1030 - Cadmium	EPA 6020B	10156420	NELAP	NJ
1035 - Calcium	EPA 6020B	10156420	NELAP	NJ

EMSL Analytical Inc

Effective Date: July 1, 2019

Certificate Number: 04127

AI Number: 131900
Activity No.: ACC20190002
Expiration Date: June 30, 2020

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 6020B	10156420	NELAP	NJ
1050 - Cobalt	EPA 6020B	10156420	NELAP	NJ
1055 - Copper	EPA 6020B	10156420	NELAP	NJ
1070 - Iron	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 6020B	10156420	NELAP	NJ
1085 - Magnesium	EPA 6020B	10156420	NELAP	NJ
1090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
1140 - Selenium	EPA 6020B	10156420	NELAP	NJ
1150 - Silver	EPA 6020B	10156420	NELAP	NJ
1155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1160 - Strontium	EPA 6020B	10156420	NELAP	NJ
1165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1175 - Tin	EPA 6020B	10156420	NELAP	NJ
1180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
1190 - Zinc	EPA 6020B	10156420	NELAP	NJ
1075 - Lead	EPA 7000B	10157707	NELAP	NJ
1045 - Chromium VI	EPA 7196A	10162400	NELAP	NJ
1075 - Lead	EPA 7420	10164406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

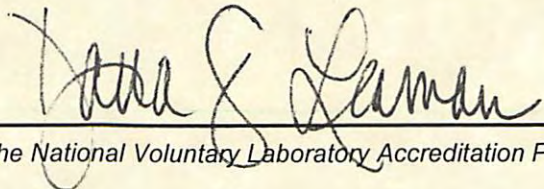
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-07-01 through 2020-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Ben Ellis
Phone: 800-220-3675 Fax: 856-786-5973
Email: bellis@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

APPENDIX F
FORM AAC-2



ASBESTOS NOTIFICATION OF DEMOLITION (NEGATIVE DECLARATION) FORM AAC-2(b)

Do not use this form for
Asbestos Disposal Verification Forms (ADVF) requests

Louisiana Department of Environmental Quality
Office of Environmental Services
Public Participation and Permit Support Division
Notifications and Accreditations Section
Phone (225) 219-3244

For LDEQ Use Only	
A.I. No.	
Ck./Voucher No.	N/A
Amt. Received	N/A
Postmark Date	
ADVF No.	N/A

Please type and complete all required sections.

NOTE: This form is to be used only for demolitions when lab analysis of properly sampled material indicates: that no Asbestos-Containing Material (ACM) is present; that the ACM present is not Regulated Asbestos-Containing Material (RACM), and will not be made RACM by the demolition; or that RACM, including any ACM that will be made RACM by the demolition, is less than the thresholds below (See Section I). For all other demolitions, renovations, or asbestos-contaminated debris activities, request ADVFs using the Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a).

NOTE: This form is to be used for NON-EMERGENCIES only.

<p>I. Type of Notification <input checked="" type="checkbox"/> No ACM present</p> <p><input type="checkbox"/> ACM present is not RACM and will not be made RACM by the demolition</p> <p><input type="checkbox"/> RACM, or ACM that will be made RACM, is less than the established thresholds (See right)</p>	<p>Established Thresholds per LAC 33:III.5151.F.1. Combined amount of RACM is less than:</p> <ul style="list-style-type: none"> 60 linear feet on pipes; 64 square feet on other facility components; or 1 cubic yard off facility components where length or area could not be measured previously.
<p>II. Type of Operation <input checked="" type="checkbox"/> Demolition (allowable only if structure contains no RACM or contains RACM below established thresholds) (See Section I, above)</p>	
<p>III. Facility Description</p> <p>Facility Name <u>Residential Structure</u> Parish <u>Rapides</u></p> <p>Physical Address <u>2515 Wise Street</u> Building Size (sq. ft.) <u>1,300</u></p> <p>City <u>Alexandria</u> State <u>LA</u> Zip <u>71301</u> No. Floors <u>1</u> Age of Building (Yrs) <u>Unknown</u></p> <p>Owner Name _____ Location on site (Bldg, Floor, Room, etc.) where work is done <u>Building will be razed.</u></p> <p>Contact Information: _____</p> <p>Contact Name _____ Present Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial</p> <p>Mailing Address _____ <input type="checkbox"/> Residential <input type="checkbox"/> Industrial</p> <p>City _____ State _____ Zip _____ <input checked="" type="checkbox"/> Other <u>Blighted structure</u></p> <p>Phone () _____ Prior Use <input type="checkbox"/> School <input type="checkbox"/> State Bldg. <input type="checkbox"/> Public/Commercial</p> <p>Email _____ <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial</p> <p><input type="checkbox"/> Other _____</p>	

IV. Determination of No RACM Present /Amount of RACM Present is Below Established Thresholds for Demo Project (See Section I)

Inspection Date 10/10/2019 (mm/dd/yy) Lab Analysis Date 10/29/2019 (mm/dd/yy)
 Inspector's Name Steven Latiolais Accredited Lab Name EMSL, Cinnaminson, NJ
 Inspector's Accred. No. MI200658 LELAP* Lab ID No. 04127
 Lab Agency Interest (AI) No. 131900

Procedure, including analytical method, if appropriate, PLM – EPA 600 used to detect the presence of asbestos material _____

NOTE: Laboratory analysis performed by commercial laboratories for this determination must have been conducted in accordance with the requirements set forth under LAC 33:I.Subpart 3, Chapters 49-55.

Laboratory data generated by commercial laboratories that are not accredited by the *Louisiana Environmental Laboratory Accreditation Program (LELAP) under LAC 33:I.Subpart 3, Chapters 47-57, will not be accepted by the LDEQ; retesting of analysis will be required by a commercial laboratory accredited by LELAP.

- Attach the following copies:
- Signature page of inspection report for inspection date indicated (above)
 - Lab Analysis Report for analysis date indicated (above)

NOTE: The Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b) will not be processed without these attachments.

V. Asbestos Containing Material (ACM) Not to be Removed from Structure Prior to Demolition (if ACM is present)

Type of Asbestos Material	RACM		Non-regulated ACM	
	<input type="checkbox"/> TSI	<input type="checkbox"/> Fireproofing	<input type="checkbox"/> VAT	<input type="checkbox"/> Asphalt Roofing
<input type="checkbox"/> Ceiling Tile	<input type="checkbox"/> Other _____	<input type="checkbox"/> Mastic	<input type="checkbox"/> Other _____	
Amount of Asbestos Material Not Removed	_____ linear	_____ linear feet		
	_____ square feet	_____ square feet		
	_____ cubic yards	_____ cubic yards		

VI. Demolition Contractor

Contractor Name _____ Contact Name _____
 Mailing Address _____ Contact Email _____
 City _____ State _____ Zip _____ Contact Phone () _____

VII. Scheduled Demolition Dates

Start Date _____ (mm/dd/yy) Completion Date _____ (mm/dd/yy)

VIII. Planned Non-RACM Demolition

Describe planned non-RACM demolition and methods to be used _____

Describe procedures to be followed in the event unexpected RACM is found or CAT II becomes RACM (per LAC 33:III.5151.F.2.d.vii) _____

IX. Comments Provide any additional comments/information relevant to the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b).

X. Certification Sign this section only if RACM is absent or amount of RACM present is below established thresholds (See Section I)

I certify that the above information is correct and that under penalty of law, with regard to the structure being demolished, RACM is determined to be absent or the amount of RACM present is below established thresholds per LAC 33:III.5151.F.1. I understand that:

- the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b) is incomplete without the required analysis and supporting documentation from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57; this constitutes a failure to notify the LDEQ (See Section IV);
- the LDEQ will not accept laboratory data generated by a commercial laboratory that is not accredited under LAC 33: Subpart 3, Chapters 47-57; the LDEQ will require retesting if the laboratory performing the analysis is not accredited under this regulation.
- the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b) will not be processed without the required analysis and supporting documentation from a commercial laboratory accredited under LAC 33: Subpart 3, Chapters 47-57.

Printed Name of Owner or Operator/Contractor

Signature of Owner or Operator/Contractor

Date (mm/dd/yy)

Submittal Information

- There is no fee associated with the Asbestos Notification of Demolition (Negative Declaration) Form AAC-2(b).
- Submit the form with an original signature and required attachments by one of the methods of delivery listed below.
- Information MAY NOT BE FAXED. Forms may be submitted by email (DEQ.ASBESTOSNOTIFICATIONS@LA.GOV); however, the form with an original signature and required attachments must be submitted to the LDEQ within 5 working days of the email date by one of the following methods of delivery:

By Mail:

or

By Overnight or Hand-delivery:

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
P. O. Box 4313
Baton Rouge, LA 70821-4313

LDEQ Office of Environmental Services
Public Participation and Permit Support Division
Notifications & Accreditations Section
602 North 5th Street
Baton Rouge, LA 70802

RESOLUTION NO. 9633-2017

A RESOLUTION TAKING ACTION ON THE CONDEMNATION OF 142 STRUCTURES.

BE IT RESOLVED, by the Council of the City of Alexandria, Louisiana, in legal session convened, that the Council hereby takes action on the condemnation of 142 structures.

Removal-demolition by owner

BE FURTHER RESOLVED, etc., that on recommendation of the Community Development Administrator the following structures because of actions by owners who have hired State Licensed Contractors, secured permits & have completed works or secured permits are removed from this condemnation list

- 1) 4321 3rd Street – Kirklin Construction, demolition complete
- 2) 1947 Overton Street - Lathan Construction, demolition complete
- 3) 1953 Overton Street - Lathan Construction, demolition complete
- 4) 1957 Overton Street - Lathan Construction, demolition complete
- 5) 1963 Overton Street - Lathan Construction, demolition complete

Removed – incorrect address

- 6) 5211 Lincoln Road – incorrect address submitted in original list.

Continuance of Council action to consider Condemnations

The following property owners hired State licensed Contractors to secure permits: (work to be completed by 3/31/2017)

- 1) 2904 3rd Street -Veal Construction, Demo Permit issued.
- 2) 2211 Broadway Avenue - Grant Eastern, Demo Permit issued.
- 3) 1626 Dallas Avenue - Grant Eastern, Demo Permit issued.
- 4) 2924 Lee Street -Alliance Design, working on construction drawings.
- 5) 2307 Memphis Street -Veal Construction, Rehab Permit issued.
- 6) 4012 Morris Street - Lathan Construction, Demo Permit issued,

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 ROBYN L. HOOTER
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- 7) 341 North 17th Street - Lathan Construction, Demo Permit issued.
- 8) 2806 Overton Street -Tennie Construction, Rehab Permit issued.
- 9) 1506 Park Avenue - Larwood Construction, Rehab Permit issued.
- 10) 2518 Wise Street -Tennie Construction, Rehab Permit issued.

30 days extension

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **April 18, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1720 Albert Street	Patrick LaCour
1758 Albert Street	Wasmer Properties, LLC
2024 Harris Street	Tameisha & Melvin Sigur
2302 Lee Street	Tameisha & Melvin Sigur
2243 Overton Street	Tameisha & Melvin Sigur
1512 Shirland Avenue	Felicia Dausat
3933 Clinton Street	Oscar & Dorothy Jones

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on April 18, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

60 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **May 16, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
2129 3 rd Street	Newton Collier
1430 5 th Street	Bernadette S. Baker
2524 8 th Street	Marie C. Allen
312 Bogan Street	C E S R LLC, Clarence Spottsville
118 Cottage Street	Kenneth Wayne Joseph
3932 Duhon Lane	Freddie R. Price
1846 Harris Unit A & B Street	Greg Harris
1779 Mason Street	Stanford Joseph
2530 Memphis, Unit A & B	Foster C. Payne
4024 Morris Street	Marilyn Lewis Williams
3840 Palmetto Street	Ira J. Jones
303 Willow Glen River	Johnny & Alma Reece
417 Newman Street	Mark Fairley, ET AL
3022 Houston Street	Deborrah Phoenix Jones
2742 10 th Street	Thoma Cherneva

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on May 16, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

90 days Extensions

BE IT FURTHER RESOLVED, etc., that the Council hereby authorizes the extension of a public hearing for consideration of the Condemnation of the properties set out below to **June 13, 2017**; and, until that date for the owners, agent, or other representatives of the owners of the property to provide evidence to the Community Development Department of the property owners intentions for the structures (s) listed below to be demolished, renovated/repared and brought up to the City of Alexandria Property Standard Code.

<u>Property Address</u>	<u>Property Owner</u>
1194 Rapides Avenue (Larvadain abstained)	David A. Sheffield
2323 Webster Street	Brian M. Davis
4708 Garden Drive	Delwin Eldridge
920 John Thomas Street	Cloria Washington
1403 Lee Street	Ronnie Guillory
2330 Monroe Street	German & Brandy Elvir
924 John Thomas Street	Cloria W. Anderson
3205 Levin Street	Jeffie L. Melder
4108 Lincoln Road	Orange Lee Anderson
2424 Overton Street	Joan A. Lee
1305 Washauer Street	Mattie Stanfield

Provided that in the event the said properties and said property owner, agent, or other representatives of the owners of said properties

within the time allowed fail to timely provide sufficient evidence of the owners actions or should the owner fail to demolish or repair the property structure(s) in accordance with the law, said Condemnation action shall proceed on June 13, 2017 all in accordance with the provision of Louisiana Revised Statutes and the Ordinances of the City of Alexandria and said property will be reconsidered for Condemnation.

ORDER OF CONDEMNATION

BE IT FURTHER RESOLVED, etc., The City Council considering the recommendations of the Community Development officer, the notice to the property owner, agent, or other representative of the property owner, the failure of the property to meet requirements of the laws and ordinances, the public hearing held on March 7, 2017, the facts justifying Condemnation of the structures and improvements for the following properties, the law and evidence being in favor of Condemnation of the property it is Ordered the following properties are each **condemned** and shall be demolished and removed by the City or its agents within Sixty(60) days of this Order or otherwise within the discretion of the City at any time thereafter:

<u>Address</u>	<u>Property Owner</u>
2424 3 rd Street	Page Livingston
3617 4 th street	Bakies Properties, LLC
3621 4 th street	Jerry Pearson
3108 9 th street	Alpha Capital/BMO Harris
3112 9 th street	Alice Hammond
3110 9 th Street	Frank R. Bordelon
3723 11 th street	Agnes Wallace
2447 Alma Street	Jerry Johnson
4110 Balentine Street	Colonial Financial Service Inc
99B Bertie Street	Walter Reynolds

1326 Charlton Street	Elsie H. Ryland
3925 Clinton Street	Henry Joffrion
1117 Cole Street	Leontina Dauzat
1119 Cole Street	Leontina Dauzat
2027 East Texas Avenue	Midwest Management
56 Eastwood Boulevard	Tri Brewer
1204 Fenner Street	Don Thompson
4517 Futrell Street	Willie M. Pickens
405 Gabriel Lane	Shirley Johnson
3008 Houston Street	Willie Wilson
3149 Houston Street	Savannah Webber
3305 Hudson Boulevard	Delwin Eldridge
3331 Hudson Boulevard	Rodney Taylor
311 John Thomas Street	Thomas Farace
5503 Jube Street	Michael Tennie
3520 Laurel Street	Donald Medica
717 Leland Street	Henry Weekly
4206 Lincoln Road	Lillian Davis
2533 Main Street	Washington Bush
116 Mary Lane	Bakies Properties, LLC
314 Marye Court	Kylie R. Larwood
2008 Mason Street	McErvin Howard, Sr. EST
2219 Mill Street	Dominic Robinson
208 1/2 North 13 th Street	Jerry Larwood
2803 Overton Street	Jerry & Rhonda Hughes

2426 Paris Street	Midwest Management US Bank
3404 Raymo Drive	Betty Givens & Charlie Johnson
342 Rosewood Drive	Randy L. Michiels
1530 Turner Street	James Price
2515 Wise Street	Curtisteen Matthews
524 Woodard Street	Alice Hammond
2401 3 rd Unit A Street	Nick Chenvert
2401 3 rd Unit B Street	Nick Chenvert
2603 3 rd Street	Annie Mae King
3120 3 rd street	Alice Hammond
2908 4 th Street	Harry Jackson
2634 6 th Street	Jessie Aaron
2641 8 th Street	Luster R. Smith
2516 12 th Street	Bessie Burrell
2544 12 th Street	Leon Rose
1015 Augusta Avenue	Leonard Johnson
97 Bertie Street	Walter Reynolds
3208 Bloch Street	Clifton Morris
5230 Broadmoor Court	Ray Rolan Chandler
832 Broadway Avenue	Elks Hub City Lodge #646
5211 Crestwood Drive	Clyde G. & Francine Wilson
1030 Dallas Avenue	Ora Butler
319 Daspit Street	Ralph & Emma McCoy
628 Douglas Street	Cole Rosa Lee Brooks
5137 Edward Avenue	Linda Smith Scott

1321 Fenner Street	Bessie Morris
3611 Hollywood Drive	Ivory Grant
2828 Houston Street	Jacquelin Freeman
3201 Hudson Boulevard	Rex H. Countee
1510 Huffman Street	Lucy B. Russaw
1512 Huffman Street	Virginia Harvey
821 John Thomas	Lucille Green
2145 Lee Street	Pharrow Perkins
604 Leonard Street	Rosa M. McCoy
1904 Levin Street	Russell J. Walker
1912 Levin Street	Louis H. Taylor/Frankie Mae Hall
2636 Main Street	Carrie C. Small
2716 Main Street	Lucille Taffaro
316 Marye Court	The Money Shack, LLC
2054 Mason Street	Herman Davis Burrell
2095 Mason Street	Rosemary Dauzart
209 North 15 th Street	Jerry Larwood
2040 Overton Street	Mary Cataldie
2069 Overton Street	Thomas J. Atkins
2213 Overton Street	Gertrude Quinney
2217 Overton Street	Bessie M. Vallery
2332 Overton Street	Joyce R.F. Sandifer
2437 Overton Street	Everett Hobbs
2441 Overton Street	Sir Welton Hobbs
2608 Overton Street	Harry C. Robinson

2720 Overton Street
2430 Paris Street
921 Railroad Avenue
504 Scallan Street
1203 Willow Glen River Road
2327 Wise Street (Larvadain abstained)
2704 Wise Street
730 Woodard Street

James P. Clinton
Joseph Wardsworth
Joyce Ann Clinton-Naquin
Lula Mae Booze
Mississippi Land Co., Inc.
Benjamin Bayone
Henry George
Willie Whittington

BE IT FURTHER RESOLVED, etc., that the Order of Condemnation is final for the Properties and parcels listed above and shall be enforceable in accordance with the laws of the State of Louisiana and the Ordinances of the City of Alexandria.

RESOLUTION having been submitted in writing was then submitted to a final vote as a whole, the vote thereon being as follows:

YEAS: Villard, Fuller, Green, Larvadain, Fowler, Silver, Johnson.

NAYS: None

Absent: None

AND THE RESOLUTION was declared adopted on the 7th day of March, 2017.

/s/ Donna Jones

City Clerk

STATE OF LOUISIANA, PARISH OF RAPIDES
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND CORRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF
OFFICE, AT ALEXANDRIA, LOUISIANA, THIS 15
DAY OF March, A.D., 2017
BY [Signature]
DY. CLERK OF COURT