

Community Development Department
Attn: Demo Program Manager
625 Murray Street, 3rd Floor, Alexandria, LA 71301
318-499-5071 Office / 318-449-5031 Fax
cda@cityofalex.com

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





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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!





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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 sublicenses 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).



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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.

<u>Criteria:</u> Demolition services to be performed by the Contractor shall include:

- 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.



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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 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 readvertised 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 deg.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;
- 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*.



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 – 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	 Remove in relatively whole pieces using dry ice, heat, wet methods Wrap in plastic sheeting Transport to landfill with the remainder of demolition debris 	
Window Glazing / Caulk	Category II Non- Friable	 Removed entire component without damaging ACM Wrap in plastic sheeting Transport to landfill that is approved to accept asbestos 	
Exterior Cementitious Siding/Roof Shingles (transite) Category II Non-Friable		 Removed in whole pieces without breakage Lowered down from elevated heights/ not dropped Stacked on pallet, wrapped with plastic sheeting 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.



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

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	Address	Itemized Price per structure with a	CmDv's initials for
	Project #		total for the group of structures	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	Address	Itemized Price per structure with a	CmDv's initials for
	Project #		total for the group of structures	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	S	
	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:		





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.



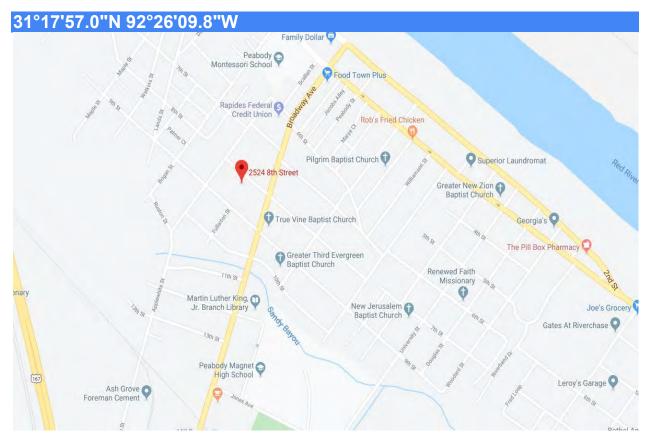
CS-12078 2524 8th Street











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



Environmental Facilities Geotechnical Materials





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

P [318] 606 7559 terracon.com

Terracon Consultants, Inc. 1520 N. Hearne Avenue, Suite 120 Shreveport, Louisiana 71107

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APPE	NDIX E	Certifications
APPEI	NDIX 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 (Al#: 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.

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 (Al#: 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.

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

2524 8th 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

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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 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.

5.2 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%;

2524 8th Street Alexandria, Louisiana
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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 asbestoscontaining 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

НА	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

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

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

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



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

Project ID:

Phone: (504) 818-3638

Fax:

Received Date: 10/10/2019 9:10 AM 10/11/2019 - 10/28/2019 **Analysis Date:**

Collected Date: 10/09/2019

Attention: Steven Latiolais **Terracon Consultants**

524 Elmwood Park Blvd.

Ste. 170 New Orleans, LA 70123

Project: 2524 8th - BB197056

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

			Non-Asbe	<u>stos</u>	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01	2524 8th - Ext - White Transite Siding	White Fibrous		82% Non-fibrous (Other)	18% Chrysotile
041929737-0001	2524 8th - Ext - White	Homogeneous			Positive Stop (Not Analyzed
041929737-0002	Transite Siding				
01-03	2524 8th - Ext - White Transite Siding				Positive Stop (Not Analyzed
041929737-0003					
02-04	2524 8th - Ext - Black Vapor Barrier	Black Fibrous	60% Cellulose	40% Non-fibrous (Other)	None Detected
041929737-0004		Homogeneous			
02-05	2524 8th - Ext - Black Vapor Barrier	Black Fibrous	60% Cellulose	40% Non-fibrous (Other)	None Detected
041929737-0005		Homogeneous			
02-06	2524 8th - Ext - Black Vapor Barrier	Black Fibrous	65% Cellulose	35% Non-fibrous (Other)	None Detected
041929737-0006		Homogeneous			
03-07-Shingle	2524 8th - Roof - Black Roof Shingles	Black Fibrous	15% Glass	85% Non-fibrous (Other)	None Detected
041929737-0007		Homogeneous			
03-07-Tar Paper	2524 8th - Roof - Tar Paper	Black Fibrous	25% Cellulose	75% Non-fibrous (Other)	None Detected
041929737-0007A		Homogeneous			
03-08-Shingle	2524 8th - Roof - Black Roof Shingles	Black Fibrous	5% Glass	95% Non-fibrous (Other)	None Detected
041929737-0008		Homogeneous			
03-08-Tar Paper	2524 8th - Roof - Tar Paper	Black Fibrous	25% Cellulose	75% Non-fibrous (Other)	None Detected
041929737-0008A		Homogeneous			
03-09-Shingle	2524 8th - Roof - Black Roof Shingles	Black Fibrous	10% Glass	90% Non-fibrous (Other)	None Detected
041929737-0009		Homogeneous			
03-09-Tar Paper	2524 8th - Roof - Tar Paper	Black Fibrous	65% Cellulose	35% Non-fibrous (Other)	None Detected
041929737-0009A	0504.045 4 14/1/24	Homogeneous	200/ 0 11 1 2	000/ Non Share (01)	Many But it it
04-10-Wallboard	2524 8th - 1 - White Wallboard	Brown/White Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929737-0010		Homogeneous			
04-10-Joint Compound	2524 8th - 1 - Joint Compound	Tan Fibrous		97% Non-fibrous (Other)	3% Chrysotile
041929737-0010A		Homogeneous			
04-10-Texture	2524 8th - 1 - Texture	Beige Fibrous		96% Non-fibrous (Other)	4% Chrysotile
041929737-0010B	0504.04	Homogeneous	200/ 2 " :	2007 N	.40/ 51
04-10-Composite	2524 8th - 1 - White Wallboard / Joint	Brown/Tan/White Fibrous	20% Cellulose	80% Non-fibrous (Other)	<1% Chrysotile
041929737-0010C	Compound	Heterogeneous			

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

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

			Non-Asbes	stos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре
04-11-Wallboard	2524 8th - 1 - White Wallboard	Brown/White Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929737-0011		Homogeneous			
04-11-Joint Compound	2524 8th - 1 - Joint Compound				Positive Stop (Not Analyzed)
041929737-0011A					
04-11-Texture	2524 8th - 1 - Texture				Positive Stop (Not Analyzed)
041929737-0011B					
04-11-Composite	2524 8th - 1 - White Wallboard / Joint	Brown/Tan/White Fibrous	20% Cellulose	80% Non-fibrous (Other)	<1% Chrysotile
041929737-0011C	Compound	Heterogeneous			
04-12-Wallboard	2524 8th - 2 - White Wallboard	Brown/White Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
41929737-0012		Homogeneous			
04-12-Joint Compound	2524 8th - 2 - Joint Compound				Positive Stop (Not Analyzed)
041929737-0012A					
)4-12-Texture	2524 8th - 2 - Texture				Positive Stop (Not Analyzed)
041929737-0012B					
04-12-Composite	2524 8th - 2 - White Wallboard / Joint	Brown/White Fibrous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
41929737-0012C	Compound	Homogeneous			
5-13-Sheet Flooring	2524 8th - 2 - Faux Marble Pattern Sheet	Brown/White Fibrous	5% Glass	95% Non-fibrous (Other)	None Detected
41929737-0013	Flooring	Homogeneous			
05-13-Backing	2524 8th - 2 - Fiber Backing	Gray Fibrous	25% Cellulose	75% Non-fibrous (Other)	None Detected
041929737-0013A		Homogeneous			
5-14-Sheet Flooring	2524 8th - 2 - Faux Marble Pattern Sheet	Brown/White Fibrous	5% Glass	95% Non-fibrous (Other)	None Detected
041929737-0014	Flooring	Homogeneous			
05-14-Backing	2524 8th - 2 - Fiber Backing	Gray Fibrous	25% Cellulose	75% Non-fibrous (Other)	None Detected
141929737-0014A		Homogeneous			
05-15-Sheet Flooring	2524 8th - 2 - Faux Marble Pattern Sheet	Brown/White Fibrous	10% Glass	90% Non-fibrous (Other)	None Detected
41929737-0015	Flooring	Homogeneous			
05-15-Backing	2524 8th - 2 - Fiber Backing	Gray Fibrous	55% Cellulose	45% Non-fibrous (Other)	None Detected
41929737-0015A		Homogeneous			
06-16	2524 8th - 3 - White Blown-in Insulation	White Fibrous	75% Glass	25% Non-fibrous (Other)	None Detected
041929737-0016		Homogeneous			
06-17	2524 8th - 2 - White Blown-in Insulation	White Fibrous	75% Glass	25% Non-fibrous (Other)	None Detected
041929737-0017		Homogeneous			
06-18	2524 8th - 1 - White Blown-in Insulation	White Fibrous	85% Glass	15% Non-fibrous (Other)	None Detected
041929737-0018		Homogeneous			
07-19-Sheet Flooring	2524 8th - 5 - Cream Sheet Flooring	Beige Fibrous	5% Glass	95% Non-fibrous (Other)	None Detected
041929737-0019		Homogeneous			
07-19-Backing	2524 8th - 5 - Fiber Backing	Tan Fibrous	15% Glass	85% Non-fibrous (Other)	None Detected
041929737-0019A		Homogeneous			

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



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**

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

OrderID: 041929737



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

EMS	SL Ana	lytica	al,	inc.
200	Route	130	N	orth

C.C. Cipnaminson, N. 3 08077
PHONE 1/800-220-3675
20/9 OC FAX: (856) 786-5974

LABORATORY-PRODUCT		041	9297	<u> ۲</u>		00 FAX: (8	356) 786-5974
Company : T	erracon					ame Differe	
Street: 524 E	Imwood Park Bou	levard Suite 170		hird Party Billing	requires writte	n authorization fro	om third party
City: New Or	leans	State/Province: LA	Zip/Pos	tal Code: 701	23	Country: US	
	ame): Steven Latio		Telepho	one #: 504-818	8-3638		
	s: steven.latiolai		Fax #:			Purchase Ord	er:
	/Number: 2524	9th/BB/97056_		Provide Resul			Mail
U.S. State Sa	mples Taken: LA	Turnaround Time (1		ples: Com		able Reside	ntial/Tax Exempt
☐ 3 Hour	☐ 6 Hour	Turnaround Time (1		2 Hour	96 Hour	1 Week	2 Week
*For TEM Air 3	hr through 6 hr, please o	call ahead to schedule.*There is a p	remium charg	e for 3 Hour TEM	AHERA or EPA	Level II TAT. You	will be asked to sign
an autho	onzation form for this se PLM - Bulk (repo	rvice. Analysis completed in accor	da <u>nce with En</u>	ASL's Terms and C	Conditions local		Price Guide.
DOD M FPA	600/R-93/116 (<1%)		☐ TEM E	PA NOR - EPA		16 Section 2.5.5	
PLM EPA	` '	•		AP Method 198	ļ u	10 0000011 2.5.0	· · ·
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		(<0.25%) 1 000 (<0.1%)			·- /·	116 Section 2.5.	<u>.</u>
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Received (Lal	b):) /> Dai		10-10-	19	Time:	9.10,
Comments/Sp BillTo: Terracon, 522	pecial Instructions: 4 Elmwood Park Boulevard, S	uite 170, New Orleans, LA, 70123, US		<u>-</u> -	<u> </u>		
		Email: Steven.Latiolais@terracon.com Purch	ase Order:		ı 		ł

Page 1 of ____ pages



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

Asbestos Bulk Sample Log & Chain of, stody Form

Lab Use Only: 04 1929 757
Select a Laboratory.

Lab Location:

Page _____of

HA Description **Estimated** Sample Location Sample Number **HA General Location** Condition¹ (Color, Dimensions, Descriptor, then Type) Quantity 75 Jy White Transite Siding Exterior Black Vapor Baccies Exterior 1800 G D ASO Black Roof Shingles Roul 1806 G D (SO) White Wallboard W Throughout 19M Joint Compound + Texture. Fany Macble Pattern Sheetflooring Thionglock. Wi Fiber Backing While Blown-In Insulation Cream Shoet Flooring w/ Fiber backery 200 G D SD

Page 20

2)

ody Form

Lab Use Only: ()4/979757 Select a Laboratory

Lab Location:

New Orleans: 524	Elmwood Park Bivd., Ste. 170, Nev	orleans, LA 70123 (504) 818 3638		Page	of
Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
08-37 08-32	2524 814 -S -9 -9	Brown Wood Panel Mashic	5	600 SF	G D (31)
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		`		2019 OCT	G CINN
			-	10 AH10: 1	RECEIPED EMSE AMIRSON, N.
				10	G D SD
					G D SD
		<u> </u>			-

OrderID:

OrderID: 041929737

Christy, Sherry

041729737

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

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-04: White Wallboard with Joint Compound and Texture



View of HA-02: Black Roof Shingles



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





View of HA-06: White Blown-in Insulation

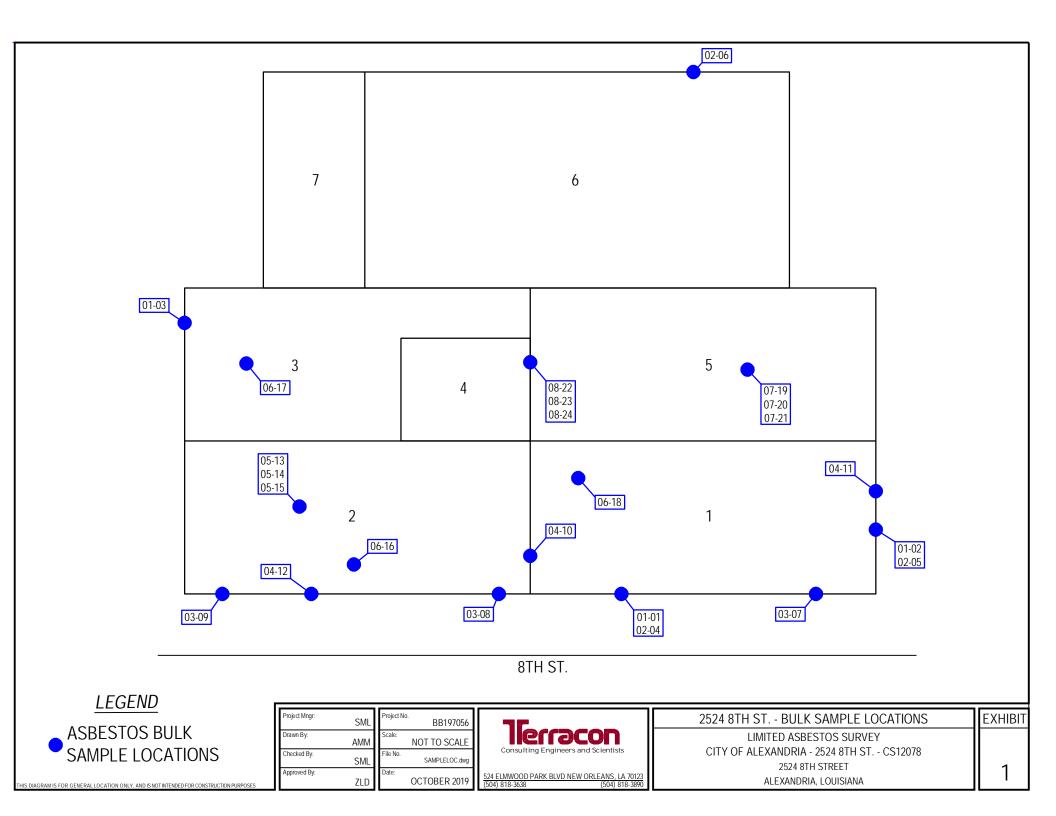


View of HA-07: Cream Sheet Flooring with Fiber Backing



View of HA-08: Brown Wood Panel Mastic

APPENDIX D EXHIBITS



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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
Air Emissions	Malerin	W De l'article de	ALO TO PRODUCE	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

Th. T	TO 4 T T	E E 7 2
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium					
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
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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					
1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ		•			
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1185 - Vanadium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1190 - Zinc EPA 200.8, Rev.5.4 10014605 NELAP NJ		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	73.404.007.340.44			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A ne	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
i 090 - Manganese	EPA 6020B	10156420	NELAP	NJ
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

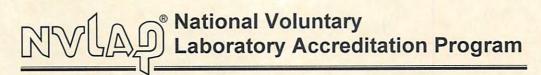
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 Asbesto	os Disposal Verifi	cation 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).						
_	. •	•	AC-2(b). Wable only for a sudden, unexpected event that would cause an unsafe			
Emergency	condition (or health	hazard), equipm	ent damage, or would pose an unreasonable financial burden, per LAC justify your emergency request must be provided (see Section XIV).			
Revision	Revision ADVF #s to be revised					
Cancellation	ADVF #s to be cance	led				
I. Type of Notific	cation (check only or	ne box)				
□ Original		Disposal Only	Additional Latest ADVF# Issued			
	tenance) Check if For eration (indicate tota	, ,	non-scheduled operations for repair or maintenance less than 1 Cubic Yard of on V as bin size).			
II. Type of Opera	tion (check only one	hov				
'	(ACM or RACM rem	-	nt demo) Renovation ACDA			
<u>=</u>	(entire structure trea	•	Response Action (schools, state, public or commercial bldgs.)			
	(0.11 0 01. 4.014 0 1. 04.	100 00 10 1011,				
Is structure being der	molished under order	of a state or loca	al government agency?			
Is structure being der		of a state or loca	al government agency? No Yes (Complete Sec. XIII)			
III. Facility Descri		of a state or loca	Project Designer Info (schools, state, public or commercial buildings)			
III. Facility Descri	otion esidential Structure	of a state or loca				
III. Facility Descri Facility Name Re Physical Address 25	otion esidential Structure		Project Designer Info (schools, state, public or commercial buildings)			
III. Facility Description Facility Name Research Physical Address 25	otion esidential Structure 24 8 th Street		Project Designer Info (schools, state, public or commercial buildings) Name			
III. Facility Description Facility Name Research Physical Address 25 City Alexandria Parish Rapides	otion esidential Structure 24 8 th Street		Project Designer Info (schools, state, public or commercial buildings) Name LA Accred. No.			
III. Facility Description Facility Name Research Physical Address 25 City Alexandria Parish Rapides Owner Name	otion esidential Structure 24 8 th Street		Project Designer Info (schools, state, public or commercial buildings) Name LA Accred. No. Building Size (sq. ft.) 1300			
III. Facility Descriptacility Name Research Physical Address 25 City Alexandria Parish Rapides Owner Name Contact Name	otion esidential Structure 24 8 th Street		Project Designer Info (schools, state, public or commercial buildings) Name LA Accred. No. Building Size (sq. ft.) 1300 No. Floors 1 Age of Building (Yrs) Unknown Location on site (Bldg, Floor, Room, etc.) where work is done Building will be razed.			
III. Facility Descripe Facility Name Research Re	otion esidential Structure 24 8 th Street State LA	_ Zip <u>71302</u>	Project Designer Info (schools, state, public or commercial buildings) Name LA Accred. No. Building Size (sq. ft.) 1300 No. Floors 1 Age of Building (Yrs) Unknown Location on site (Bldg, Floor, Room, etc.) where work is done Building will be razed. Present School State Bldg. Public/Commercial			
III. Facility Descriptacility Name Research Physical Address 25 City Alexandria Parish Rapides Owner Name Contact Name	otion esidential Structure 24 8 th Street State LA		Project Designer Info (schools, state, public or commercial buildings) Name LA Accred. No. Building Size (sq. ft.) 1300 No. Floors 1 Age of Building (Yrs) Unknown Location on site (Bldg, Floor, Room, etc.) where work is done Building will be razed. Present School State Bldg. Public/Commercial Use Residential Industrial Installation			
III. Facility Descripe Facility Name Research Re	otion esidential Structure 24 8 th Street State LA State	_ Zip <u>71302</u>	Project Designer Info (schools, state, public or commercial buildings) Name LA Accred. No. Building Size (sq. ft.) 1300 No. Floors 1 Age of Building (Yrs) Unknown Location on site (Bldg, Floor, Room, etc.) where work is done Building will be razed. Present School State Bldg. Public/Commercial Use Residential Industrial Installation Other Blighted structure.			
III. Facility Descriptacility Name Reserved Rese	otion esidential Structure 24 8 th Street State LA State	Zip 71302	Project Designer Info (schools, state, public or commercial buildings) Name LA Accred. No. Building Size (sq. ft.) 1300 No. Floors 1 Age of Building (Yrs) Unknown Location on site (Bldg, Floor, Room, etc.) where work is done Building will be razed. Present School State Bldg. Public/Commercial Use Residential Industrial Installation Other Blighted structure. Prior School State Bldg. Public/Commercial			
III. Facility Descriperation of the contact Phone (otion esidential Structure 24 8 th Street State LA State	Zip 71302	Project Designer Info (schools, state, public or commercial buildings) Name LA Accred. No. Building Size (sq. ft.) 1300 No. Floors 1 Age of Building (Yrs) Unknown Location on site (Bldg, Floor, Room, etc.) where work is done Building will be razed. Present School State Bldg. Public/Commercial Use Residential Industrial Installation Other Blighted structure. Prior School State Bldg. Public/Commercial			

IV. Determ	ination of A	Asbestos Present	Asbe	estos Determ	nined to ratory th	be Present Per nat is accredited (Inspect	ion and/or Lab	aterials are ACM) Analysis from a 3, Chapters 47-57; (if
Inspector's Name Steven Latiolais			Accre	edited Lab Name	EMSL,	Cinnaminson,	NJ		
Inspector's Acc	ctor's Accred. No. MI200658		Lab <i>F</i>	Accred. No.	LELAP 04127 (AI#131900)		900)		
Inspection Dat	n Date <u>10/09/2019</u> (mm/dd/yy)		Analy	ysis Date	10/28/2019 (mm/		(mm/dd/yy)		
Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material									
Attach the foll	lowing cop	ies: • Signature pa • Lab Analysis				spection date inc cated (above)	dicated	(above)	
		of Demolition and Renats if inspection or lab				minated Debris <i>i</i>	Activity	Form AAC-2(a)) will not be processed
V. Approxi	imate Amo	unt of Asbestos							
Removal Time	s (check ap	plicable times)		Business Ho	ours	After Hours		Weekends	Holidays
		Ma	aterial to	be Remove	d		N		CM <u>Not</u> to be Removed blition (if applicable)
		RACM			CAT I	/CAT II	CAT I/CAT II		
Type of Asbestos Material		Ceiling Ceiling VAT Wall Texture	ng	☐ VAT ☐ Piping ☐ Other				VAT Mastic Other	☐ Asphalt Roofing
Amount of Asbestos Material	1200 *ACD = A	Linear Feet Square Feet RACM Cubic Ya ACD* Cubic Ya	rd	1000	Squ	ear Feet uare Feet M Cubic Yard		S	inear Feet quare Feet ACM Cubic Yard
VI. Asbesto Asbestos Remo Contractor's N	oval	Contractor Informat			On-site Superv				
LA Contractor	s License N	0.			On-site	Supervisor's Acc	red. No	ı	
Mailing Address			Supervisor's Accred. Expir. Date (mm/dd/yy)						
			Contact Name						
Phone ()		[‡] A.I. No			Contac	t Email			
VII. Other C	perator/D	emolition Contractor	(see XVI	to add addi	tional co	ontractors or oth	er infor	mation)	
Contractor Nai	me				Contac	t Name			
Mailing Addres	ss				Contac	t Email			
City		State	Zip		Contact	t Phone ()		

VIII. Scheduled Dates for Asbestos Removal or Activities that May Action, or ACDA	Disturb Asbestos Material in a Demolition, Renovation, Response
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 NoT-	Contact Email
Mailing Address	Contact Phone ()
City State Zip	
XI. Provide the following if RACM/ACD is taken to Non-processin	·
SW Transporter Name	Physical Location of Non- processing Transfer Station
LDEQ SW Transporter No	City State Zip
Mailing Address	Contact Name
CityState Zip	Contact Email
	Contact Phone ()
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	te 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 y Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Program Manager	you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department
NA - 46 2047	Date Ordered to Begin (mm/dd/yy)
Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment.	y identified (above). City Resolution 9656-2017
XIV. Emergency Renovations Involving RACM (Complete only for exact additional pages, if necessary.	mergency event indicated by checked "Emergency" box on page 1.)
Date of Emergency(mm/dd/yy)	Time of Emergency
Describe the sudden, unexpected event requiring immediate attention	n

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.

Submittal Information

NO FEE

- 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>) 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

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

For revisions or cancellations.

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 3rd 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 <u>June 27, 2017</u> 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/repaired 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 5th 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 <u>June 27, 2017</u> 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:

Property Address	<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	Foster C. Payne
(Larvadain abstain on the above)	
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.

<u>/s/ Donna Jones</u> City Clerk

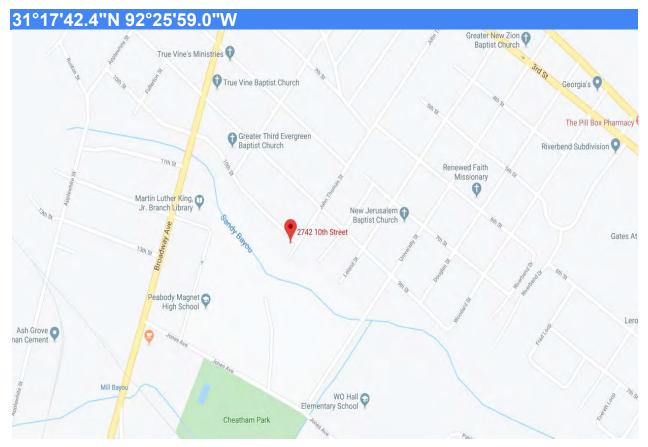
CD-11767 2742 10th Street











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



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

enior Engineer

Terracon Consultants, Inc. 1520 N. Hearne Avenue, Suite 120 Shreveport, Louisiana 71107 P [318] 606 7559 terracon.com

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

November 7, 2019

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 (Al#: 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

1.0

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.

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 (Al#: 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.

2742 10th Street Alexandria, Louisiana
November 7, 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

2742 10th 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

2742 10th 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

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 asbestoscontaining 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

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

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

EMSL Order: 041929706
Customer ID: TCNL25
Customer PO: BB197056

Project ID:

Phone: (504) 818-3638

Fax:

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

Analysis Date: 10/16/2019

Collected Date:

New Orleans, LA 70123 **Project:** 2742 10th / BB197056

Attention: Steven Latiolais

Ste. 170

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

			Non-Asbe	<u>stos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01-Wallboard	2742 10th - Int - White Wallboard	Brown/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929706-0001		Homogeneous			
01-01-Joint Compound	2742 10th - Int - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
	0710.1011.1.1		450/ 0 11 1	050/ N 51 (OII)	
01-02-Wallboard	2742 10th - Int - White Wallboard	Brown/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929706-0002		Homogeneous			
01-02-Joint Compound	2742 10th - Int - Joint Compound	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929706-0002A		Homogeneous			
01-03-Wallboard	2742 10th - Int - White Wallboard	Brown/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929706-0003		Homogeneous			
01-03-Joint Compound	2742 10th - Int - Joint Compound	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929706-0003A		Homogeneous			
02-04	2742 10th - Roof - Black Roof Shingles	Black Non-Fibrous	10% Glass	90% Non-fibrous (Other)	None Detected
041929706-0004	ŭ	Homogeneous			
02-05	2742 10th - Roof - Black Roof Shingles	Black Fibrous	10% Cellulose	90% Non-fibrous (Other)	None Detected
041929706-0005	Diack (tool offiligles	Homogeneous			
02-06	2742 10th - Roof - Black Roof Shingles	Black Fibrous	20% Glass	80% Non-fibrous (Other)	None Detected
041929706-0006		Homogeneous			

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

OrderID: 041929706



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

EMSL Analytical, Inc.
200 Route 130 North
200 Route 130 North Confragning on NJ 08077 (19 PHONE: 1-800-220/3675 (17 PHONE: 1-800-220/3675
Cinnaminson, NJ 08077
Prin PHONE: 1-800-220/3675
"13 UCFA} ((856) 786-5974
" - A BELIA

				12	<u>-1/00</u>			AHIO
Company								me Different
		od Park Bouleva	rd Suite 170		Third Party	Billing re	quires written	authorization from third party
City: New	Orleans		State/Province: LA	Z	ip/Postal Code	: 70123) c	ountry: US
Report To	(Name):	Steven Latiolais			elephone #: 50)4-818-	3638	II
Email Add	Email Address: steven.latiolais@terracon.com			F	ax #:		P	urchase Order:
		ber:2742 /C	th/BB197056	2. P	lease Provide			ע EmailMail
U.S. State	Samples	Taken: LA	. /					le 🔲 Residential/Tax Exempt
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****** ** ***** ****		<1%) (<0.25%) 🗍 1000) (en 1%)		Chatfield Protoc			J
********* *			25%) 1 1000 (<0.1%)					6 Section 2.5.5.2
	9002 (<			*******	TEM Qualitative			· · · · · · · · · · · · · · · · · · ·
		d 198.1 (friable in	 NY)	1	TEM Qualitative			
☐ NY EL	AP Metho	d 198.6 NOB (nor	-friable-NY)				Other	
	ID-191 M							
☐ Standa	rd Additio	Method Method						
Check f	or Posit	ive Stop – Clearl	/ Identify Homogenous	Grou	p Date Sam	ipled:	10/91	1-9 -
Samplers I	Name:	Steven	Latiolais		Samplers Sig	nature:	SK	
Sample #	HA#		Sample Location		<u> </u>		Mate	rial Description
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		_					_	
	3	<u></u>						
								###
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Client Sam	ple # (s)	 !				<u> </u>	Total # of S	amples:
Relinquish			to fedox Da	te:	10/10/19	· · · · · · · · · · · · · · · · · · ·		Time: /800
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BillTo: Terracon, Attention: Stever	524 Elmwoo Latiolais Ph	d Park Boulevard, Suite 17 one: 504-818-3638 Email.	0, New Orleans, LA, 70123, US Steven.Latiolais@terracon.com Purcl	hase Ord	der:			

Page 1 of ____ pages

7742 Loth
Asbesto

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

04192970(

Asbestos Bulk Sample Log & Chain of

ody Form

Lab Use Only:	,	7
	Select a Laboratory	

Lab Location:

Page ____of ___

	100 100 100 100 100 100 100 100 100 100				or
Sample Number	Sample Location	HA Description (Color, Dimensions; Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-02	2742 10th - Int	White Wallboard w/	Front Room	150 SF	ே இ
02-09 02-05 02-06	Rock	Black Roo C Shingles	Rept	1800 SF	G SD
					G D SD
		, <u> </u>			G D SD
1					G D SD
SEIVEN THIS OF THE POST OF THE					G D SD
OrderID: 0419297	,				G D SD

APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



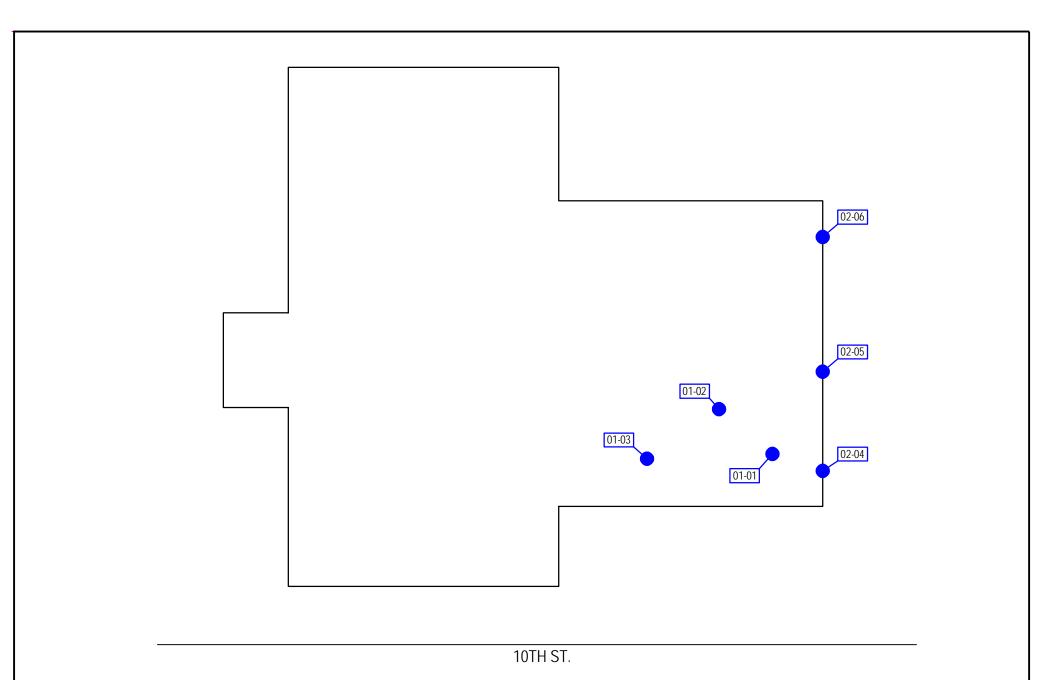


View of HA-01: White Wallboard with Joint Compound



View of HA-02: Black Roof Shingles

APPENDIX D EXHIBITS



<u>LEGEND</u>

ASBESTOS BULK SAMPLE LOCATIONS

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



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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
Air Emissions	Malerin	W De l'article de	ALO TO PRODUCE	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

Th. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium		· · · · · · · · · · · · · · · · · · ·			
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
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1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ		•			
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1185 - Vanadium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1190 - Zinc EPA 200.8, Rev.5.4 10014605 NELAP NJ		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	73 CO. CO. 3 CO. 4			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A nd	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
i 090 - Manganese	EPA 6020B	10156420	NELAP	NJ
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

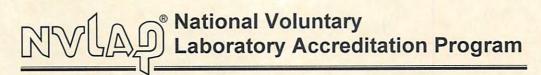
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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		No ACM present ACM present is not R RACM by the demolit		ot be made	Established Thresholds per LAC 33:III.5151.F.1. Combined amount of RACM is less than: • 60 linear feet on pipes; • 64 square feet on other facility components; or
		RACM, or ACM that we than the established			1 cubic yard off facility components where length or area could not be measured previously.
II. Type of Operation	\boxtimes	Demolition (allowab thresholds) (See Sect		ure contair	ns no RACM or contains RACM below established
III. Facility Description					
Facility Name Residenti	al Sti	ructure		Parish	Rapides
					Rapides
Physical Address 2742 10 th	Stre	et		Buildina	Size (sq. ft.) 1,000
City Alexandria		State LA Zij	p 71301	No. Floo	rs 1 Age of Building (Yrs) Unknown
				Location	on site (Bldg, Floor,
Owner Name				Room, e	tc.) where work is done Building will be razed.
Contact Information:					
				Present	
Contact Name				Use	School State Bldg. Public/Commercial
-				0 50	Residential Industrial
Mailing Address					Residential Industrial
					Other Blighted structure
City	`	otate Zip	·	-	
Phone ()				Prior Use	☐ School ☐ State Bldg. ☐ Public/Commercial
Email					Residential Industrial
					Other

IV. Determination of No	RACM Present /Amo	ount of RACM Preser	nt is Below Esta	ablished 1	Thresholds for De	emo Project (See Section I)	
Inspection Date	0/09/2019	(mm/dd/yy)	Lab Analysis	Date	10/16/2019	(mm/dd/yy)	
Inspector's Name	Steven Latiolais Accredited			ab Name _	EMSL, Cinnamin	nson, NJ	
Inspector's Accred. No. MI200658			LELAP* Lab ID No. 04127				
			Lab Agency Ir	nterest (A	l) No. <u>131900</u>		
Procedure, including analy used to detect the present		•	600				
NOTE: Laboratory analysis performed by commercial laboratories for this determination must have been conducted in accordance with the requirements set forth under LAC 33:1.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 copie	s: • Signature pa	ge of inspection repo	ort for inspecti	on date ir	ndicated (above)		
	 Lab Analysis 	Report for analysis o	date indicated	(above)			
NOTE: The Asbestos Not attachments.	ification of Demolitio	n (Negative Declara	tion) Form AA	C-2(b) will	I not be processe	ed without these	
V. Asbestos Containing	Material (ACM) Not	to be Removed from	Structure Pric	or to Dem	olition (if ACM is	present)	
		RACM			<u> </u>	gulated ACM	
Type of Asbestos	☐ TSI ☐ Fireproofing			☐ VAT		Asphalt Roofing	
Material	☐ Ceiling Tile	Other		☐ Mast	tic 🔲 🤇	Other	
Amount of Asbestos		linear	,			r feet	
Material Not Removed		square feet cubic yards			·	re feet c yards	
		, 		-			
VI. Demolition Contract	or						
Contractor Name			Contact	Name			
Mailing Address			Contact	Contact Email			
City	State	Zip	Contact	Phone ()		
VII. Scheduled Demolitic	on Dates						
Start Date	(mm/dd/	/yy)	Complet	ion Date		(mm/dd/yy)	
VIII. Planned Non-RACM		athodoto bo usod					
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)							

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

Submittal Information

IX.

- 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:

Signature of Owner or Operator/Contractor

By Mail: or

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

Printed Name of Owner or Operator/Contractor

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

By Overnight or Hand-delivery:

Date (mm/dd/yy)

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 3rd 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 <u>June 27, 2017</u> 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/repaired 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 5th 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 <u>June 27, 2017</u> 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	Foster C. Payne
(Larvadain abstain on the above)	
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.

<u>/s/ Donna Jones</u> City Clerk

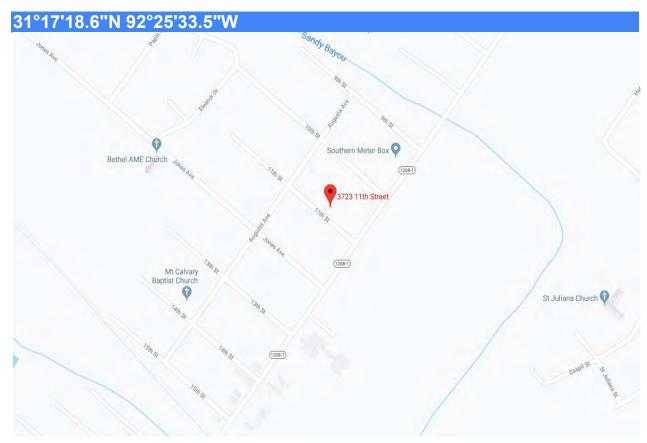
CD-12570 3723 11th Street











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

> November 8, 2019 Terracon Project No. BB197056



Prepared for:

Community Development Department Alexandria, Louisiana

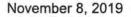
Prepared by:

Terracon Consultants, Inc. Shreveport, Louisiana

terracon.com



Environmental Facilities Geotechnical Materials





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

Attn: Ms. Kenna Lavalais

Asbestos Survey Report Re:

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

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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 (Al#: 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.

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 (Al#: 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.

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

3723 11th 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

3723 11th 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

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 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.

5.1 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 asbestoscontaining 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

3723 11th Street ■ Alexandria, Louisiana November 8, 2019 ■ Terracon Project No. BB197056



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 asbestoscontaining 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

НА	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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	01-01	Brown self-stick 12"x12" floor		Significantly	None Detected
01	01-02	tile	1, 2	, ,	None Detected
	01-03			Damagou	None Detected
	02-04			Cignificantly	None Detected
02	02-05	White 2'x4' ceiling tile	1, 5		None Detected
	02-06			Damaged	None Detected
	03-07			Cignificantly	None Detected
03	03-08	White popcorn texture	2, 3	1 , 1	None Detected
	03-09			Damaged	None Detected
	04-10	Residual black mastic atop			5% Chrysotile
04	04-11	slab	1, 2, 3, 4, 5	Good	None Analyzed (Positive Stop)
	04-12	J. Siab			None Analyzed (Positive Stop)
	05-13	Decideral fiber beating ston		Cinnificantly	4% Chrysotile
05	05-14	Residual fiber backing atop	2		None Analyzed (Positive Stop)
	05-15	Tesiduai biack mastic		Damageu	None Analyzed (Positive Stop)
	06-16				Tile – None Detected
	00-10				Adhesive – None Detected
06	06-17	Cream 12"x12" self-stick floor	1	Significantly	Tile – None Detected
00	00-17	tile	ı	Damaged	Adhesive – None Detected
	06-18			1, 2 Significantly Damaged 1, 5 Significantly Damaged 2, 3 Significantly Damaged 2, 3, 4, 5 Good None A None A None A Significantly Damaged 1 Significantly Damaged 1 Significantly Damaged 1 Significantly Damaged Ti Adhe Significantly Damaged 1 Significantly Damaged 1 Significantly Damaged 1	Tile – None Detected Adhesive – None Detected

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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	07-19				Tile – None Detected
					Adhesive – None Detected
07	07-20	White and blue 12"x12" self-	4	Damaged	Tile – None Detected
		stick floor tiles			Adhesive – None Detected
	07-21				Tile – None Detected Adhesive – None Detected
					Tile – None Detected
	08-22				Adhesive – <1% Chrysotile
		Parkay patterned 12"x12" self-			Tile – None Detected
08	08-23	stick floor tile	5	Damaged	Adhesive – <1% Chrysotile
					Tile – None Detected
	08-24				Adhesive – None Detected
					Drywall – None Detected
	09-25				Joint Compound – None Detected
					Texture – None Detected
		White drywall with joint		Significantly	Drywall – None Detected
09	09-25	compound and texture	6	Damaged	Joint Compound – None Detected
				Jamagea	Texture – None Detected
					Drywall – None Detected
	09-27				Joint Compound – None Detected
	10-28				Texture – None Detected None Detected
10	10-28	Cray blown in insulation	6, 7	Domogod	None Detected
10	10-29	Gray blown in insulation	0, 7	Damaged	None Detected None Detected
	10-30				Tile – None Detected
	11-31				Adhesive – None Detected
		Floral patterned 12"x12" self-			Tile – None Detected
11	11-32	stick floor tile	2	Damaged	Adhesive – None Detected
	44.00			1	Tile – None Detected
	11-33				Adhesive – None Detected

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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	12-34				Shingle – None Detected
					Felt – None Detected
12	12-35	Black roof shingles with felt	Roof	Damaged	Shingle – None Detected
12	12-00	paper	1001	Damaged	Felt – None Detected
	12-36				Shingle – None Detected
	12-30	paper			Felt – None Detected
	13-37				None Detected
13	13-38	Gray blown in insulation	7	Damaged	None Detected
	13-39				None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

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

Project ID:

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

New Orleans, LA 70123 **Project:** 3723 11th / BB197056

Ste. 170

Attention: Steven Latiolais

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

Sample Description Appearance % Fibrous % Non-Fibrous 01-01 3723 11th - 1 - Brown Self-stick 12"x12" Brown Non-Fibrous 100% Non-fibrous (Other) 0419229882-0001 Floor Tile Homogeneous 100% Non-fibrous (Other) 041929882-0002 Floor Tile Homogeneous 100% Non-fibrous (Other) 041929882-0002 Floor Tile Homogeneous 100% Non-fibrous (Other) 041929882-0003 Floor Tile Homogeneous 20% Non-fibrous (Other) 02-04 3723 11th - 1 - White 2'x4' Ceiling Tile Brown/White Fibrous Homogeneous 80% Cellulose 20% Non-fibrous (Other) 041929882-0004 3723 11th - 1 - White 2'x4' Ceiling Tile Fibrous Homogeneous 80% Cellulose 20% Non-fibrous (Other) 041929882-0005 3723 11th - 5 - White 2'x4' Ceiling Tile Fibrous Homogeneous 80% Cellulose 20% Non-fibrous (Other) 041929882-0006 3723 11th - 5 - White Fibrous Homogeneous White Homogeneous 100% Non-fibrous (Other) 03-07 3723 11th - 2 - White Popcorn Texture White Non-Fibrous Non-Fibrous	% Type None Detected
Self-stick 12"x12" Non-Fibrous	None Detected
100% Non-fibrous (Other) 100% Non-fibrous (O	
Description	None Detected
Self-stick 12"x12" Non-Fibrous	
102-04 3723 11th - 1 - White 2'x4' Ceiling Tile Fibrous Homogeneous Homoge	None Detected
2'x4' Ceiling Tile Fibrous Homogeneous 02-05 3723 11th - 1 - White 2'x4' Ceiling Tile Fibrous Homogeneous 02-06 3723 11th - 5 - White 2'x4' Ceiling Tile Fibrous Homogeneous 02-06 3723 11th - 5 - White 2'x4' Ceiling Tile Fibrous Homogeneous 03-07 3723 11th - 2 - White Popcorn Texture White Non-Fibrous White Non-Fibrous Non-Fibrous Non-Fibrous 100% Non-fibrous (Other)	
102-05 3723 11th - 1 - White Brown/White 80% Cellulose 20% Non-fibrous (Other)	None Detected
2'x4' Ceiling Tile Fibrous Homogeneous 02-06 3723 11th - 5 - White Pibrous 2'x4' Ceiling Tile Fibrous Homogeneous 03-07 3723 11th - 2 - White Popcorn Texture Non-Fibrous 100-041929882-0006 Fibrous Homogeneous 100% Non-fibrous (Other) 100% Non-fibrous (Other)	
102-06 3723 11th - 5 - White 2'x4' Ceiling Tile Fibrous Homogeneous 100% Non-fibrous (Other)	None Detected
2'x4' Ceiling Tile Fibrous Homogeneous 3723 11th - 2 - White Popcorn Texture Non-Fibrous 100% Non-fibrous (Other)	
O3-07 3723 11th - 2 - White White 100% Non-fibrous (Other) Popcorn Texture Non-Fibrous	None Detected
Popcorn Texture Non-Fibrous	
·	None Detected
Homogeneous	
O3-08 3723 11th - 3 - White White 100% Non-fibrous (Other) Popcorn Texture Non-Fibrous	None Detected
041929882-0008 Homogeneous	
O3-09 3723 11th - 3 - White White 100% Non-fibrous (Other) Popcorn Texture Non-Fibrous	None Detected
041929882-0009 Homogeneous	
04-10 3723 11th - 1 - Black 95% Non-fibrous (Other) Residual Black Mastic Non-Fibrous	5% Chrysotile
041929882-0010 Homogeneous	
04-11 3723 11th - 2 - Positi Residual Black Mastic	ive Stop (Not Analyzed)
041929882-0011	
04-12 3723 11th - 5 - Positi Residual Black Mastic	ive Stop (Not Analyzed)
041929882-0012	
D5-13 3723 11th - 2 - Tan/Black 96% Non-fibrous (Other) Residual Fiber Non-Fibrous	4% Chrysotile
941929882-0013 Backing Homogeneous	
D5-14 3723 11th - 2 - Positi Residual Fiber	ive Stop (Not Analyzed)
041929882-0014 Backing	
O5-15 3723 11th - 2 - Positi Residual Fiber	ive Stop (Not Analyzed)
041929882-0015 Backing	
06-16-Floor Tile 3723 11th - 1 - Cream Beige 100% Non-fibrous (Other) 12"x12" Self-stick Non-Fibrous	
041929882-0016 Floor Tile Homogeneous	None Detected

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

			Non-Asbe	<u>estos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
06-16-Adhesive	3723 11th - 1 - Adhesive	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0016A		Homogeneous			
06-17-Floor Tile	3723 11th - 1 - Cream 12"x12" Self-stick	Beige Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0017	Floor Tile	Homogeneous			
06-17-Adhesive	3723 11th - 1 - Adhesive	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0017A		Homogeneous			
06-18-Floor Tile	3723 11th - 1 - Cream 12"x12" Self-stick	Beige Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0018	Floor Tile	Homogeneous			
06-18-Adhesive	3723 11th - 1 - Adhesive	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0018A		Homogeneous			
07-19-Floor Tile	3723 11th - 4 - White and Blue 12"x12" Self-stick Floor Tile	White/Blue Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0019		Homogeneous		1000/ N== 5b== (011)	Non- D-tt1
07-19-Adhesive	3723 11th - 4 - Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
	2722 11th 4 \M/bita	White/Blue		1000/ Non fibrage (Other)	None Detected
07-20-Floor Tile	3723 11th - 4 - White and Blue 12"x12" Self-stick Floor Tile	Non-Fibrous		100% Non-fibrous (Other)	None Detected
		Homogeneous		4000(No. 51 (Other)	Non-But-stad
07-20-Adhesive	3723 11th - 4 - Adhesive	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
	0700 4411 4 141111	Homogeneous		4000(No. 51 (Other)	Non-But-stad
07-21-Floor Tile	3723 11th - 4 - White and Blue 12"x12" Self-stick Floor Tile	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
•	3723 11th - 4 -	Yellow		1000/ Non fibrage (Other)	None Detected
07-21-Adhesive	Adhesive	Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-22-Floor Tile	3723 11th - 5 - Parkay	Brown		100% Non-fibrous (Other)	None Detected
041929882-0022	Pattern 12"x12" Self-stick Floor Tile	Non-Fibrous Homogeneous		100 % Northiblous (Other)	None Delected
08-22-Adhesive	3723 11th - 5 -	Black/Yellow		100% Non-fibrous (Other)	<1% Chrysotile
041929882-0022A	Adhesive	Non-Fibrous Homogeneous		100 % Noti-librous (Other)	170 Onlysome
08-23-Floor Tile	3723 11th - 5 - Parkay	Brown		100% Non-fibrous (Other)	None Detected
041929882-0023	Pattern 12"x12" Self-stick Floor Tile	Non-Fibrous Homogeneous		100 % Noti-librous (Other)	None Delected
08-23-Adhesive	3723 11th - 5 - Adhesive	Black/Yellow Non-Fibrous		100% Non-fibrous (Other)	<1% Chrysotile
041929882-0023A	, whosive	Homogeneous			
08-24-Floor Tile	3723 11th - 5 - Parkay Pattern 12"x12"	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0024	Self-stick Floor Tile	Homogeneous			
08-24-Adhesive	3723 11th - 5 - Adhesive	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0024A		Homogeneous			
09-25-Wallboard	3723 11th - 6 - White Wallboard	Tan/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929882-0025		Homogeneous			
09-25-Joint Compound	3723 11th - 6 - Joint Compound	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0025A	•	Homogeneous			

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

			Non-Asbe	stos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
09-25-Texture	3723 11th - 6 - Texture	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0025B		Homogeneous			
09-26-Wallboard	3723 11th - 6 - White Wallboard	Tan/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929882-0026		Homogeneous			
09-26-Joint Compound	3723 11th - 6 - Joint Compound	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0026A		Homogeneous			
9-26-Texture	3723 11th - 6 - Texture	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0026B		Homogeneous			
09-27-Wallboard	3723 11th - 6 - White Wallboard	Tan/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929882-0027		Homogeneous			
09-27-Joint Compound	3723 11th - 6 - Joint Compound	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0027A		Homogeneous			
09-27-Texture	3723 11th - 6 - Texture	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0027B		Homogeneous			
10-28	3723 11th - 7 - Gray Blown-in Insulation	Gray Fibrous	95% Cellulose	5% Non-fibrous (Other)	None Detected
041929882-0028		Homogeneous			
0-29	3723 11th - 7 - Gray Blown-in Insulation	Gray Fibrous	95% Cellulose	5% Non-fibrous (Other)	None Detected
041929882-0029		Homogeneous			
10-30	3723 11th - 7 - Gray Blown-in Insulation	Gray Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
	3723 11th - 2 - Floral	Green		100% Non-fibrous (Other)	None Detected
11-31-Floor Tile	Pattern 12"x12" Self-stick Floor Tile	Non-Fibrous Homogeneous		100% Northibious (Other)	None Detected
11-31-Adhesive	3723 11th - 2 -	Yellow		100% Non-fibrous (Other)	None Detected
041929882-0031A	Adhesive	Non-Fibrous Homogeneous		100 % Norrhbroad (Other)	None Belested
11-32-Floor Tile	3723 11th - 2 - Floral	Green		100% Non-fibrous (Other)	None Detected
041929882-0032	Pattern 12"x12" Self-stick Floor Tile	Non-Fibrous Homogeneous		(0.1101)	20.0002
1-32-Adhesive	3723 11th - 2 - Adhesive	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
41929882-0032A		Homogeneous			
11-33-Floor Tile	3723 11th - 2 - Floral Pattern 12"x12"	Green Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0033	Self-stick Floor Tile	Homogeneous			
I1-33-Adhesive	3723 11th - 2 - Adhesive	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929882-0033A		Homogeneous			
12-34-Shingles	3723 11th - Roof - Black Roof Shingles	Black Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929882-0034		Homogeneous			
12-34-Felt Paper	3723 11th - Roof - Felt Paper	Black Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929882-0034A		Homogeneous			
12-35-Shingles	3723 11th - Roof - Black Roof Shingles	Black Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929882-0035		Homogeneous			



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

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

Analyst(s)

Kelly Thomas (32) Nancy Stalter (18) Tyler Hurwitt (6) amantha Kneftum

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 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



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson (NJ 08071)
PHONE: 1-800-220-3675
26/97-0856) 786-5974

			-		EMSL-Bill to: ☐ Same ☑ Different 4/7	Q. /
Company	. lerrace	on ————			Bill to is Different note instructions in Comments**	3.4
Street: 524	4 Elmwo	od Park Bouleva	ard Suite 170	Third Party	Billing requires written authorization from third party	
City: New	Orleans		State/Province: LA	Zip/Postal Code		
Report To	(Name):	Steven Latiolais		Telephone #: 50	04-818-3638	
Email Add	ress: st	even.latiolais@t	erŗacon.com	Fax #:	Purchase Order:	
Project Na	me/Num	ber: 3723 //th/	188197056	Please Provide	Results: Fax V Email Mail	
U.S. State	Samples	Taken: LA		CT Samples:	Commercial/Taxable 🔲 Residential/Tax Ex	empt
			Turnaround Time (T			
3 Hour			24 Hour		96 Hour Week 2 We	
					ur TEM AHERA or EPA Level II TAT. You will be asked to ms and Conditions located in the Analytical Price Guide.	o sign
		/ - Bulk (reportin			TEM – Bulk	
PLM EP	A 600/R-	93/116 (<1%)		☐ TEM EPA NOB	- EPA 600/R-93/116 Section 2.5.5.1	
PLM EP	A NOB (<1%)		NY ELAP Meth	od 198.4 (TEM)	
Point Coun	t 🔲 400	(<0.25%) 🗍 1000	0 (<0.1%)	☐ Chatfield Proto	col (semi-quantitative)	
			.25%) 🔲 1000 (<0.1%)		s - EPA 600/R-93/116 Section 2.5.5.2	`
☐ NIOSH			······································		e via Filtration Prep Technique	- 1
		od 198.1 (friable in	NY)		e via Drop Mount Prep Technique	
_		d 198.6 NOB (nor	•		Other	
OSHA						
		n Method				
		· ·	y Identify Homogenous	Group Date San	mode 10/9/29	
Concor	OI I OSI			Oloup Date Sail	ipieu.	
Samplers	Name:	Stwan 1	Latiolais	Samplers Sig	gnature: Sh	
Sample #	HA#		Sample Location		Material Description	
Sample #	HA#	Please See	0 1		Material Description	
Sample #	HA#	Please See	0 1		Material Description	
Sample #	HA#	Please See	0 1		Material Description	
Sample #	HA#	Please See	0 1		Material Description	
Sample #	HA#	Please See	0 1		Material Description	
Sample #	HA#	Please See	0 1		Material Description	
Sample #	HA#	Please See	0 1		Material Description	
Sample #	HA #	Please See	0 1		Material Description	
Sample #	HA #	Please See	0 1		Material Description	
Sample #	HA #	Please See	0 1		Material Description	
Sample #	HA#	Please See	0 1		Material Description	
Sample #	HA #	Please See	0 1		Material Description	
Sample #	HA#	Please See	0 1		Material Description	
Sample #	HA#	Please See	0 1		Material Description	
			0 1			
Sample # Client Sam Relinquish	ple#(s)		0 1	e: /0//0//	Total # of Samples: 39	
Client Sam	ple#(s)		2. Affachd	100 11 1	Total # of Samples: (39)	

	1	8/10 Clie	1987 12 120	1		
		CON Asbest	Asbestos Bulk Sample Log & Chain of Jody Form	Lab Use Only: Sel	Select a Laboratory	
	New Orleans: 524 Elr	nwood Park Blvd., Ste. 170, New	Lab Le Vrleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638	Lab Location:	Page	9. -
	Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
	10-10	3723 1/44 - 1	Brown Self-Shik 12"x12" Floor	(۱ / ۱	1/2	
	01-02	1 >>			35	G D SD
ī	0/-02			**************************************		1 44 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	h0~20		White Was Coiling Tile	1,5		
	02-05	ľ			35	G D SD
	02,06	2-1			٦٢	
	07-07	نو	Jait Copin Contin	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	つの	
	72-08	- 3	, , , , , , , , , , , , , , , , , , ,	7./4	ر ا ا	G D SD
	03-09	- 3	र प		7	**************************************
-	01.40	1	Rasidus Black Mosti	1,2,3,9,5		_
	()-N-)	1 20			76	G D SD
	17-12	- 5		S	(C.	
	05-13	-2	Resident Fiber Backing	∫ , '.	8 6102	10
	n/-50	نى		٩	1:20 <i>L</i> L	IA B A B A
	51-50	しめ				302 NIM
	06-60010		Cran 12"X12" Self-Stick			OM' I
•	00-17	1	サーハアファー		\f\ \f\ \f\:	D SD
	06-18	1			-	
4100	190719	3	12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		70	
	07-10	14	100/ 11/C	•	\ \ -	G D SD
]	der I	10			15	
	Orc			, , , , , , , , , , , , , , , , , , ,	CZ CZ	
	:	1	i i			

	100000			
Asbestos Bulk Sample Log & Chain of	ody Fo	Lab Use Only: Sele	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 3723 17th - 5 Prak	Prixay Pettern (X17/2011 Sollingtick)	5	
08.2) - 5 7/2		5	37	G D SD
m, 1 6 - 10		ч	7	1
01-25 @ - 6 Whit	White Wallboard 1771	•	3	
04-26 - 6 Compored	1	6	77	G D SD
D1-27 U - 6	A Lexitoria		7 1	
112-28 1 -7 Gray	2 Cay 8/11-T & C. 1 11	647	706	
10-29	own 1/1 troalation		7 7	G D SD
10 - 30				
11-3) -2 F/M	1/2/2/ 12/1/2/1/2/1/2/1/2/1/2/1/2/1/2/1/)	7	
11-32 - 1		<i>y</i>	, _C	G D SD
11-73 / - W Sell	Jelb-)tick thor lile		51	
12-34 - Roof Black Ba	Roal Shindur	70 6		
12-25 - 7666 1,1		7001	990	G D SD
2	Tell 19/2		: : LJ L	BEL
13-37 - 7 hhide	1, hitch /: 1. / la > in	,	2011	AZI AIZI
17-38		<u></u>		G G SD
13-39				
	-			
D: (G D SD
lerI				
Orc				S.

3

APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





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



View of HA-03: White popcorn texture.



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

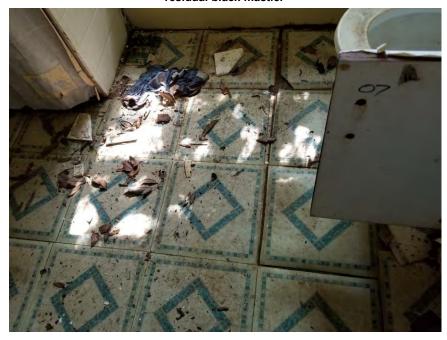


View of HA-04: Residual black mastic atop slab.





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



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



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



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-12: Black roof shingles with felt paper.

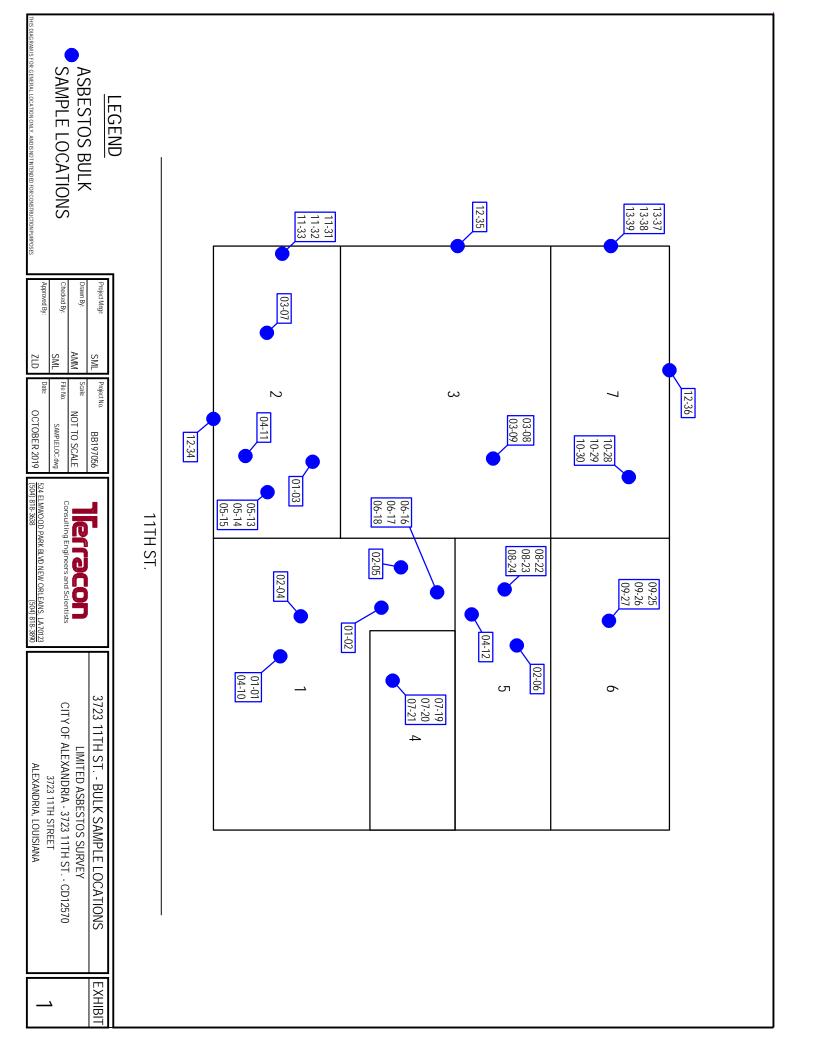


View of HA-10: Gray blown in insulation.



View of HA-13: Gray blown in insulation.

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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
Air Emissions	Malerin	W De l'article de	ALO TO PRODUCE	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

Th. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

Non rotable water				
Analyte	Method Name	Method Code	Туре	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 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4 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		
1090 - Manganese	EPA 200.8, Rev.5.4 EPA 200.8, Rev.5.4		NELAP	NJ
1100 - Molybdenum	· ·	10014605	NELAP	NJ
•	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

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.707.007.704			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP NELAP	NJ 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		A nd	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
i 090 - Manganese	EPA 6020B	10156420	NELAP	NJ
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

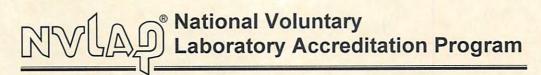
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 Verifica	ation 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	s below established thresholds, and no ACM will be removed, use Asbestos		
Notification of Demolition (Negative Declaration) Form AAC			
condition (or health hazard), equipmer	able only for a sudden, unexpected event that would cause an unsafe nt damage, or would pose an unreasonable financial burden, per LAC stify 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 Project Designer Info (schools, state, public or commercial buildings)			
Physical Address 3723 11 th Street	Name		
City Alexandria State LA Zip 71301	LA Accred. No.		
Parish Rapides	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 Structure will be razed.		
Mailing Address	Procent Classes Classe		
City State Zip	Present School State Bldg. Public/Commercial Use Residential Industrial Installation Other Blighted structure		
Contact Phone ()			
Contact Email	Prior School State Bldg. Public/Commercial Use Residential Industrial Installation		
	Other		

IV. Determ	ination of		Asbestos Detern commercial labo	ned Asbestos Present (if conined to be Present Per ratory that is accredited ute the items below)	Inspection and/or Lab Ar	nalysis from a	
Inspector's Na	me	Steven Latiolais		Accredited Lab Name	EMSL, Cinnaminson, NJ		
Inspector's Acc	cred. No.	MI200658		Lab Accred. No.	131900		
Inspection Date	e .	10/9/2019	(mm/dd/yy)	Analysis Date	10/15/2019	(mm/dd/yy)	
	_	lytical method, if approprince of asbestos material	ate, PLM – EPA	600			
Attach the foll	owing cop	ies: • Signature page of • Lab Analysis Repo		ort for inspection date inc ate indicated (above)	licated (above)		
	-	of Demolition and Renova nts if inspection or lab and			Activity Form AAC-2(a) w	vill not be processed	
V. Approxi	mate Amo	ount of Asbestos					
Removal Time	s (check ap	oplicable times)	Business H	ours After Hours	Weekends	Holidays	
		Materi	al to be Remove	d		1 <u>Not</u> to be Removed tion (if applicable)	
		RACM		CAT I/CAT II	CAT	I/CAT II	
Type of Asbestos Material	☐ TSI ☐ Firepo	Ceiling Coofing VAT	VAT Piping Other	☐ Transite ☐ Mastic	VAT Mastic Other	Asphalt Roofing	
Amount of Asbestos Material	200 *ACD = A	Linear Feet Square Feet RACM Cubic Yard ACD* Cubic Yard sbestos-contaminated De	900 bris	Linear Feet Square Feet ACM Cubic Yard	Squ	ear Feet uare Feet M Cubic Yard	
Asbestos Removal Contractor Information for RACM/ACD Asbestos Removal Contractor's Name LA Contractor's License No. Mailing Address Supervisor's Accred. No. Supervisor's Accred. Expir. Date (mm/dd/yy) City State Zip Contact Name							
Phone ()		‡A.I. No		Contact Email			
VII. Other O	perator/D	emolition Contractor (see	XVI to add addi	tional contractors or oth	er information)		
Contractor Name				Contact Name			
Mailing Addres	SS			Contact Email			
City State Zip				Contact Phone ()		

II. 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	Contact Email				
Mailing Address	Contact Phone ()				
City State Zip					
XI. Provide the following if RACM/ACD is taken to Non-processing	•				
SW Transporter Name	Physical Location of Non- processing Transfer Station				
LDEQ SW Transporter No	City State Zip				
Mailing Address	Contact Name				
City State Zip	Contact Email				
	Contact Phone ()				
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	te for RACM (See LAC 33:III.5151.B)				
RAL Name	Contact Name				
Physical Address	Contact Phone ()				
City Zip	Mailing Address				
City State Zip	Mailing Address City State Zip				
XIII. Governmental Agency Ordered Demolition (Complete only if	City State Zip				
	City State Zip you checked "Yes" in Section II) Government Agency City of Alexandria, LA				
XIII. Governmental Agency Ordered Demolition (Complete only if	City State Zip you checked "Yes" in Section II)				
XIII. Governmental Agency Ordered Demolition (Complete only if Gov't Agency Representative Name Kenna Lavalais	City State Zip you checked "Yes" in Section II) Government Agency City of Alexandria, LA				
XIII. Governmental Agency Ordered Demolition (Complete only if Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Progam Manager	City State Zip you checked "Yes" in Section II) Government Agency City of Alexandria, LA Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution # 9633-2017				
XIII. Governmental Agency Ordered Demolition (Complete only if Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Progam Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agence NOTE: The Notification of Demolition and Renovation and Asbestos	City State Zip you checked "Yes" in Section II) Government Agency City of Alexandria, LA Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution # 9633-2017 Contaminated Debris Activity Form AAC-2(a) will not be processed				
XIII. Governmental Agency Ordered Demolition (Complete only if Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Progam Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment.	City State Zip you checked "Yes" in Section II) Government Agency City of Alexandria, LA Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution # 9633-2017 Contaminated Debris Activity Form AAC-2(a) will not be processed				
XIII. Governmental Agency Ordered Demolition (Complete only if Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Progam Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for each additional pages, if necessary.	City State Zip you checked "Yes" in Section II) Government Agency City of Alexandria, LA Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution # 9633-2017 Contaminated Debris Activity Form AAC-2(a) will not be processed mergency event indicated by checked "Emergency" box on page 1.) Time of Emergency				

-	now event would cause an unsafe condition (health hazard), equipment or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)
	anned Demolition, Renovation Work, Response Action, or ACDA ion of activity including techniques of removal and facility components
-	ion of work practices & engineering controls including removal and waste handling emission control procedures
	procedures to be followed in the event unexpected RACM is CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)
	pmments Provide any additional comments /information relevant to this notification (EX: name and number for Air earance Sampler, if known)
assumed with LAC	ion, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or to be present above the established thresholds as described in this notification are required to be conducted in accordance 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 <i>Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)</i> is a violation of LAC 33:III.5151.
Printe	ed 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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,



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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.

2518 Wise Street - Tennie Construction, Rehab Permit issued. 10)

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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner		
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.

3003 548

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.

Property Address	Property Owner
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

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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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

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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:

Property Owner
Page Livingston
Bakies Properties, LLC
Jerry Pearson
Alpha Capital/BMO Harris
Alice Hammond
Frank R. Bordelon
Agnes Wallace
Jerry Johnson
Colonial Financial Service Inc
Walter Reynolds

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3003

Ryland

1326 Charlton Street

3925 Clinton Street

1117 Cole Street

1119 Cole Street

2027 East Texas Avenue

56 Eastwood Boulevard

1204 Fenner Street

4517 Futrell Street

405 Gabriel Lane

3008 Houston Street

3149 Houston Street

3305 Hudson Boulevard

3331 Hudson Boulevard

311 John Thomas Street

5503 Jube Street

3520 Laurel Street

717 Leland Street

4206 Lincoln Road

2533 Main Street

116 Mary Lane

314 Marye Court

2008 Mason Street

2219 Mill Street

208 1/2 North 13th Street

2803 Overton Street

Elsie H. Ryland

Henry Joffrion

Leontina Dauzat

Leontina Dauzat

Midwest Management

Tri Brewer

Don Thompson

Willie M. Pickens

Shirley Johnson

Willie Wilson

Savannah Webber

Delwin Eldridge

Rodney Taylor

Thomas Farace

Michael Tennie

Donald Medica

Henry Weekly

Lillian Davis

Washington Bush

Bakies Properties, LLC

Kylie R. Larwood

McErvin Howard, Sr. EST

Dominic Robinson

Jerry Larwood

Jerry & Rhonda Hughes

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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			

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3003 Bessie Morris

Ivory Grant

Jacqulin Freeman

Rex H. Countee

Lucy B. Russaw

Virginia Harvey

Lucille Green

Pharrow Perkins

Rosa M. McCoy

Russell J. Walker

Louis H. Taylor/Frankie Mae Hall

Carrie C. Small

Lucille Taffaro

The Money Shack, LLC

Herman Davis Burrell

Rosemary Dauzart

Jerry Larwood

Mary Cataldie

Thomas J. Atkins

Gertrude Quinney

Bessie M. Vallery

Joyce R.F. Sandifer

Everett Hobbs

Sir Welton Hobbs

Harry C. Robinson

1321 Fenner Street

3611 Hollywood Drive

2828 Houston Street

1510 Huffman Street

3201 Hudson Boulevard

1512 Huffman Street

821 John Thomas

2145 Lee Street

604 Leonard Street

1904 Levin Street

1912 Levin Street

2636 Main Street

2716 Main Street

316 Marye Court

2054 Mason Street

2095 Mason Street

209 North 15th Street

2040 Overton Street

2069 Overton Street

2213 Overton Street

2217 Overton Street

2332 Overton Street

2437 Overton Street

2441 Overton Street

2608 Overton Street

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3003 554

2720 Overton Street

20 Overton Street

921 Railroad Avenue

504 Scallan Street

2430 Paris 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 HERERY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND COPRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF

DAY OF

DY, CLERK OF COURT

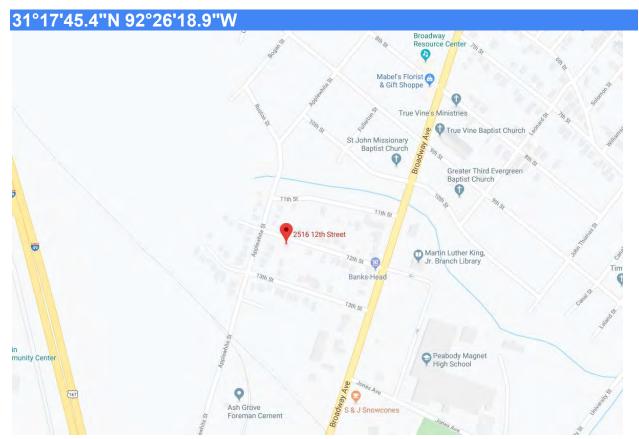
CS-12061 2516 12th Street











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

> November 6, 2019 Terracon Project No. BB197056



Prepared for:

Community Development Department Alexandria, Louisiana

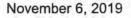
Prepared by:

Terracon Consultants, Inc. Shreveport, Louisiana

terracon.com



Environmental Facilities Geotechnical Materials





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

Attn: Ms. Kenna Lavalais

Asbestos Survey Report Re:

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.

Staff Industrial Hygienist

Senior Engineer

Terracon Consultants, Inc. 1520 N. Hearne Avenue, Suite 120 Shreveport, Louisiana 71107

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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 (Al#: 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.

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 (Al#: 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.

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

2516 12th 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

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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 asbestoscontaining 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.

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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

НА	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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	01-01				Sheet Flooring – None Detected
					Fiber Backing – 25% Chrysotile
01	01-02	Beige Sheet Flooring	Throughout	Significantly	Sheet Flooring – None Detected
•	0.02	20.90 0001 10019		Damaged	Fiber Backing – Not Analyzed
	01-03				Sheet Flooring – None Detected
					Fiber Backing – Not Analyzed
	02-04	White Wallboard	Throughout	Significantly	None Detected
02	02-05			Significantly – Damaged –	None Detected
	02-06			Damaged	None Detected
	03-07	12"x12" floor tile with black mastic	Throughout	Cignificantly	None Detected
03	03-08			Significantly – Damaged –	None Detected
	03-09			Damageu	None Detected
	04-10	Black Roof Shingles with Felt Paper	Throughout	Significantly	None Detected
04	04-11			Significantly Damaged	None Detected
	04-12	i apei		Damaged	None Detected

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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	05-13				50% Chrysotile
05	05-14	White heat shield	4	Damaged	Not Analyzed
	05-15				Not Analyzed
					Wallboard – None Detected
	06-16				Joint Compound – 2% Chrysotile
	00-10				Texture – 2% Chrysotile
		06-17 White drywall with joint compound and texture 06-18		Damaged	Composite – <1% Chrysotile
					Wallboard – None Detected
06	06-17		Throughout		Joint Compound – Not Analyzed
06					Texture – Not Analyzed
					Composite – <1% Chrysotile
	06-18				Wallboard – None Detected
					Joint Compound – Not Analyzed
					Texture – Not Analyzed
					Composite – <1% Chrysotile
	07-19				Tape – None Detected
		White HVAC tape with tan mastic	Throughout plenum	Good	Mastic – None Detected
	07.00				Tape – None Detected
07	07-20				Mastic – None Detected
	07-21				Tape – None Detected
					Mastic – None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

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

Project ID:

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

New Orleans, LA 70123 **Project:** 2516 12th - BB197056

Ste. 170

Attention: Steven Latiolais

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

- 12th - Beige Flooring - 12th - Fiber - 19 - 12th - Beige Flooring - 12th - Beige Flooring - 12th - Fiber - 19 - 12th - Beige Flooring - 12th - Beige Flooring - 12th - White	Appearance Beige Non-Fibrous Homogeneous Gray Fibrous Homogeneous Beige Non-Fibrous Homogeneous Black/Beige Non-Fibrous Homogeneous	% Fibrous	% Non-Fibrous 100% Non-fibrous (Other) 75% Non-fibrous (Other) 100% Non-fibrous (Other)	% Type None Detected 25% Chrysotile None Detected Positive Stop (Not Analyzed) None Detected
Flooring 12th - Fiber 12th - Beige Flooring 12th - Fiber 12th - Fiber 12th - Beige Flooring 12th - Beige Flooring	Non-Fibrous Homogeneous Gray Fibrous Homogeneous Beige Non-Fibrous Homogeneous Black/Beige Non-Fibrous		75% Non-fibrous (Other) 100% Non-fibrous (Other)	25% Chrysotile None Detected Positive Stop (Not Analyzed)
12th - Beige Flooring 12th - Fiber ng 12th - Beige Flooring 12th - Beige Flooring	Gray Fibrous Homogeneous Beige Non-Fibrous Homogeneous Black/Beige Non-Fibrous		100% Non-fibrous (Other)	None Detected Positive Stop (Not Analyzed)
Flooring 12th - Fiber 12th - Beige Flooring 12th - Fiber	Beige Non-Fibrous Homogeneous Black/Beige Non-Fibrous			Positive Stop (Not Analyzed)
- 12th - Beige Flooring - 12th - Fiber	Black/Beige Non-Fibrous		100% Non-fibrous (Other)	
Flooring 12th - Fiber	Non-Fibrous		100% Non-fibrous (Other)	None Detected
ng	-			
12th Mhita				Positive Stop (Not Analyzed)
19th Mhita				
oard	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
· 12th - White pard	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
· 12th - White pard	Gray/White Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
· 12th - 12" x oor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
· 12th - Black	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected
· 12th - 12" x oor Tile	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
· 12th - Black	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected
· 12th - 12" x oor Tile	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
· 12th - Black	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected
· 12th - Black	Black Fibrous	25% Glass	75% Non-fibrous (Other)	None Detected
	12th - 12" x por Tile 12th - Black 12th - 12" x por Tile	Non-Fibrous Homogeneous 12th - 12" x Proventile Non-Fibrous Homogeneous 12th - Black Non-Fibrous Homogeneous 12th - 12" x Proventile Non-Fibrous Homogeneous 12th - 12" x Proventile Non-Fibrous Homogeneous 12th - Black Non-Fibrous Homogeneous 12th - Black	Non-Fibrous Homogeneous 12th - 12" x Brown Non-Fibrous Homogeneous 12th - Black Non-Fibrous Homogeneous 12th - 12" x Brown Non-Fibrous Homogeneous 12th - 12" x Brown Non-Fibrous Homogeneous 12th - Black Non-Fibrous Homogeneous 12th - Black Black Shingle Black Shingle Spibrous	Non-Fibrous Homogeneous 12th - 12" x Brown Non-Fibrous Homogeneous 12th - Black Shingle Non-Fibrous Homogeneous 100% Non-Fibrous (Other) 100% Non-Fibrous (Other)

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



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**

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

OrderID: 041929880



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

4.40 1	THE TOO LEGE COO	
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EMSL Analytical, Inc. 200 Route 130 North

Cinhaninson, NJ 08077
PHONE: 1-800-220-3675
PER 7856) 786-5974

Company	Company : Terracon		If	EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**			
	Street: 524 Elmwood Park Boulevard Suite 170		Third Part	Third Party Billing requires written authorization from third party			
City: New	City: New Orleans State/Province: LA		Zip/Postal Code: 70123 Country: US				
Report To	Report To (Name): Steven Latiolais			Telephone #: 504-818-3638			
Email Address: steven.latiolais@terracon.com		Fax #: Purchase Order:					
Project Name/Number: 25Ue 12th / BB197056				Please Provide Results: Fax V Email Mail			
U.S. State Samples Taken: LA				CT Samples: Commercial/Taxable Residential/Tax Exempt			
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2

2516 12th

Asbestos Bulk Sample Log & Chain ____astody Form

04192990 Lab Use Only:

Select a Laboratory:

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

Lab Location:

HA Description Estimated Condition1 Sample Number Sample Location **HA General Location** (Color, Dimensions, Descriptor, then Type) Quantity Beige Sheet Flooring Wiber Badling G D SD D SD 12'x p' Floor Tile at Black D SD Mastic
Black Roof Shingles
Lb/Felt Paper D SD G D SD D D SD

APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





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



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

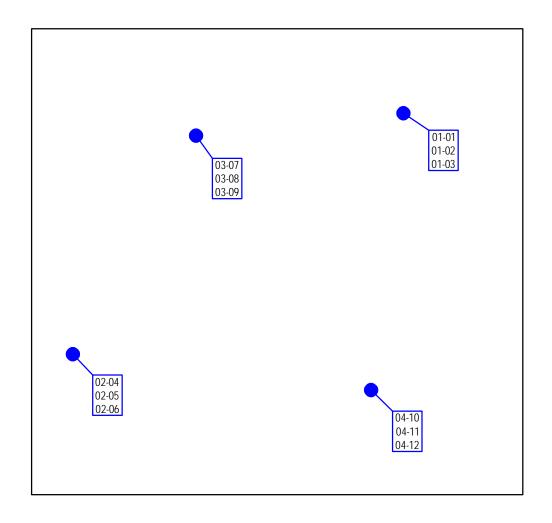


View of HA-02: White Wallboard



HA-04: Black Roof Shingles with Felt Paper

APPENDIX D EXHIBITS



12TH ST.

<u>LEGEND</u>

• ASBESTOS BULK SAMPLE LOCATIONS

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



2516 12TH ST. - BULK SAMPLE LOCATIONS LIMITED ASBESTOS SURVEY

LIMITED ASBESTOS SURVEY
CITY OF ALEXANDRIA - 2516 12TH ST. - CS12061
2516 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.

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, of 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 200

Effective Date: July 1, 2019

Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

Air Emissions		i Later III in		
Analyte	Method Name	Method Code	Туре	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	EMSL SOP M005	2887	AIHA	LA
Samples				
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 1150 - Silver	NIOSH 7300	90012401	AIHA	LA
	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium 1175 - Tin	NIOSH 7300	90012401	AIHA	LA
	NIOSH 7300	90012401	Alha	LA
1180 - Titanium 1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Tungsten 1185 - Vanadium	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium 1190 - Zinc	NIOSH 7300	90012401	Alha	LA
	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Th. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium					
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium 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 1055 - 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					
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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 1105 - Nickel 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 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					
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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				NELAP	NJ
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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				NELAP	NJ
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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		EPA 200.8, Rev.5.4	10014605	NELAP	NJ
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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	1105 - Nickel	EPA 200.8, Rev.5.4			
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	1125 - Potassium	•			
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	1140 - Selenium				
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					
1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ		•			
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1185 - Vanadium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1190 - Zinc EPA 200.8, Rev.5.4 10014605 NELAP NJ		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.707.007.704			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A ne	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
i 090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	101 56420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1 175 - Tin	EPA 6020B	10156420	NELAP	NJ
l 180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
l 190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize Microscopy	d Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

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.

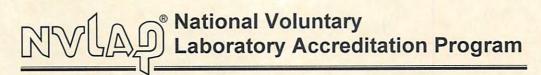
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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.

•	<u> </u>							
No. of Asbestos Disposal Verifica	ation Forms (ADVFs) Requested							
lote: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, tenovation, 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 tripped, 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 Notification of Demolition (Negative Declaration) Form AAC	s below established thresholds, and no ACM will be removed, use Asbestos (-2(b).							
Emergency Note: Emergency notification is allow condition (or health hazard), equipmer	able only for a sudden, unexpected event that would cause an unsafe at damage, or would pose an unreasonable financial burden, per LAC stify 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							
	on-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.)							
ls structure being demolished under order of a state or local	government agency?							
III. Facility Description								
Facility Name Residential Structure	Project Designer Info (schools, state, public or commercial buildings)							
Physical Address 2516 12 th Street								
	Name							
City Alexandria State LA Zip 71302	LA Accred. No.							
Parish Rapides	Building Size (sq. ft.) 1000							
Owner Name	No. Floors _ 1 Age of Building (Yrs) _ Unknown							
Contact Name	Location on site (Bldg, Floor, Room, etc.) where work is done Building will be razed.							
Mailing Address	Present School State Bldg. Public/Commercial							
City State Zip	Present School State Bldg. Public/Commercial Use Residential Industrial Installation							
	☑ Other Blighted structure							
	Other Blighted structure.							
	✓ Other Blighted structure. Prior ☐ School ☐ State Bldg. ☐ Public/Commercial Use ☐ Residential ☐ Industrial ☐ Installation							

IV. Determ	ination of <i>a</i>	Asbestos Present	Asbe	estos Determ	nined to ratory th	be Present Per lat is accredited	Inspect	ion and/or Lab	aterials are ACM) Analysis from a 3, Chapters 47-57; (if
Inspector's Na	me _	Steven Latio	olais		Accre	edited Lab Name	EMSL,	, Cinnaminson,	NJ
Inspector's Acc	cred. No.	MI200658	·		Lab A	ccred. No.	LELAP	04127 (AI#131	1900)
Inspection Dat	e <u> </u>	10/10/2019	(mm/dd/yy)	Analy	sis Date	10/17	/2019	(mm/dd/yy)
		ytical method, if appr nce of asbestos mater		PLM – EPA	600				
Attach the foll	owing cop	ies: • Signature pa • Lab Analysis				spection date inc cated (above)	dicated	(above)	
		of Demolition and Rei nts if inspection or lab				minated Debris A	Activity	Form AAC-2(a) will not be processed
V. Approxi	mate Amo	unt of Asbestos							
Removal Time	s (check ap	plicable times)		Business Ho	ours	After Hours		Weekends	Holidays
Material to be Removed Nonregulated ACM Not Prior to Demolition (i									
		RACM			CAT I/CAT II			CAT I/CAT II	
Type of Asbestos Material	-	coofing Ceiling Sheet Flooring Fiber Ba		☐ VAT ☐ Piping ☐ Other		☐ Transite ☐ Mastic		VAT Mastic Other	Asphalt Roofing
Amount of Asbestos Material	1000 *ACD = A	Linear Feet Square Feet RACM Cubic Ya ACD* Cubic Ya	rd		Squ	ear Feet Jare Feet M Cubic Yard			inear Feet Square Feet ACM Cubic Yard
VI. Asbesto Asbestos Remo Contractor's N	oval	Contractor Informat			On-site Supervi				
LA Contractor	s License N	0.			On-site	Supervisor's Acc	red. No)	
Mailing Addres	SS				Supervi	sor's Accred. Exp	oir. Date		(mm/dd/yy)
City		State	Zip		Contact	Name			
Phone ()		[‡] A.I. No.			Contact	Email	-		
VII. Other O	perator/D	emolition Contractor	(see XVI	to add addi	tional co	ontractors or oth	er infor	mation)	
Contractor Nar	me				Contact	Name			
Mailing Addres	SS				Contact	Email	·		
City		State	Zip		Contact	Phone ()		

VIII. Scheduled Dates for Asbestos Removal or Activities that May Action, or ACDA	Disturb Asbestos Material in a Demolition, Renovation, Respo	nse
Start Date(mm/dd/yy)	Completion Date(mm/dd/	уу)
IX. Scheduled Demolition Dates Start Date(mm/dd/yy)	Completion Date(mm/dd/	(VV)
X. Solid Waste Transporter to Landfill for RACM/ACD		
SW Transporter Name	Contact Name	
LDEQ SW Transporter No	Contact Email	
Mailing Address	Contact Phone ()	
City State Zip		
XI. Provide the following if RACM/ACD is taken to Non-processin	ng Transfer Station Prior to Disposal Physical Location of Non-	
SW Transporter Name	·	
LDEQ SW Transporter NoT-	City State Zip	
Mailing Address	Contact Name	
City State Zip	Contact Email	
	Contact Phone ()	
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	ite for RACM (See LAC 33:III.5151.B)	<u> </u>
RAL Name	Contact Name	
Physical Address	Contact Phone ()	
City State Zip		
	City State Zip	
XIII. Governmental Agency Ordered Demolition (Complete only if y Gov't Agency Representative Name Kenna Lavalais	you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Departr	ment
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 NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment.	·	essed
XIV. Emergency Renovations Involving RACM (Complete only for e Attach additional pages, if necessary.	emergency event indicated by checked "Emergency" box on page	e 1.)
Date of Emergency(mm/dd/yy)	Time of Emergency	
Describe the sudden, unexpected event requiring immediate attention	on	

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.

Submittal Information

NO FEE

- 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>) 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

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

For revisions or cancellations.

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,



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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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.

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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.

Property Address	Property Owner
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

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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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

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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:

Property Owner
Page Livingston
Bakies Properties, LLC
Jerry Pearson
Alpha Capital/BMO Harris
Alice Hammond
Frank R. Bordelon
Agnes Wallace
Jerry Johnson
Colonial Financial Service Inc
Walter Reynolds

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Ryland

1326 Charlton Street

3925 Clinton Street

1117 Cole Street

1119 Cole Street

2027 East Texas Avenue

56 Eastwood Boulevard

1204 Fenner Street

4517 Futrell Street

405 Gabriel Lane

3008 Houston Street

3149 Houston Street

3305 Hudson Boulevard

3331 Hudson Boulevard

311 John Thomas Street

5503 Jube Street

3520 Laurel Street

717 Leland Street

4206 Lincoln Road

2533 Main Street

116 Mary Lane

314 Marye Court

2008 Mason Street

2219 Mill Street

208 1/2 North 13th Street

2803 Overton Street

Elsie H. Ryland

Henry Joffrion

Leontina Dauzat

Leontina Dauzat

Midwest Management

Tri Brewer

Don Thompson

Willie M. Pickens

Shirley Johnson

Willie Wilson

Savannah Webber

Delwin Eldridge

Rodney Taylor

Thomas Farace

Michael Tennie

Donald Medica

Henry Weekly

Lillian Davis

Washington Bush

Bakies Properties, LLC

Kylie R. Larwood

McErvin Howard, Sr. EST

Dominic Robinson

Jerry Larwood

Jerry & Rhonda Hughes

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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

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3003 Bessie Morris

Ivory Grant

Jacqulin Freeman

Rex H. Countee

Lucy B. Russaw

Virginia Harvey

Lucille Green

Pharrow Perkins

Rosa M. McCoy

Russell J. Walker

Louis H. Taylor/Frankie Mae Hall

Carrie C. Small

Lucille Taffaro

The Money Shack, LLC

Herman Davis Burrell

Rosemary Dauzart

Jerry Larwood

Mary Cataldie

Thomas J. Atkins

Gertrude Quinney

Bessie M. Vallery

Joyce R.F. Sandifer

Everett Hobbs

Sir Welton Hobbs

Harry C. Robinson

1321 Fenner Street

3611 Hollywood Drive

2828 Houston Street

1510 Huffman Street

3201 Hudson Boulevard

1512 Huffman Street

821 John Thomas

2145 Lee Street

604 Leonard Street

1904 Levin Street

1912 Levin Street

2636 Main Street

2716 Main Street

316 Marye Court

2054 Mason Street

2095 Mason Street

209 North 15th Street

2040 Overton Street

2069 Overton Street

2213 Overton Street

2217 Overton Street

2332 Overton Street

2437 Overton Street

2441 Overton Street

2608 Overton Street

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2720 Overton Street

20 Overton Street

921 Railroad Avenue

504 Scallan Street

2430 Paris 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 HERERY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND COPRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF

DAY OF

DY, CLERK OF COURT

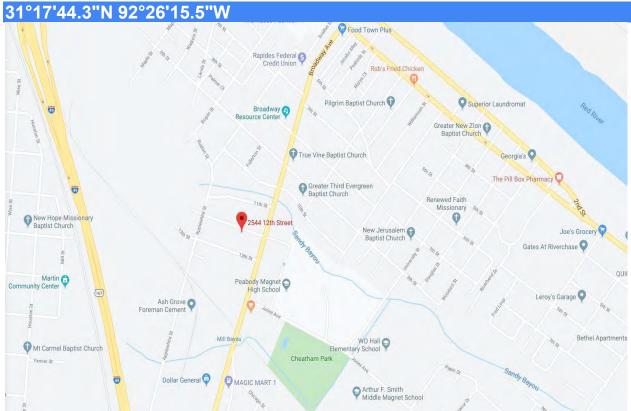
CD-12548 2544 12th Street











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



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

enior Engineer

Terracon Consultants, Inc. 1520 N. Hearne Avenue, Suite 120 Shreveport, Louisiana 71107 P [318] 606 7559 terracon.com

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APPEI	NDIX B	Asbestos Laboratory Analytical Report
APPEI	NDIX C	Photographs of Select Homogeneous Areas
APPEI	NDIX D	Exhibit
APPEI	NDIX E	Certifications
APPEI	NDIX 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 (Al#: 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.

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 (Al#: 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.

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

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

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.

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 asbestoscontaining 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

НА	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

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

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

EMSL Order: 041929734 Customer ID: TCNL25 Customer PO: BB197056

Project ID:

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

New Orleans, LA 70123 **Project:** 2544 12th - BB197056

Ste. 170

Attention: Steven Latiolais

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

			Non-Asbe	<u>stos</u>	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01-Wallboard	2544 12th St 3 - White Wallboard	Tan/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929734-0001		Homogeneous			
01-01-Joint Compound	2544 12th St 3 - Joint Compound	White Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile
041929734-0001A		Homogeneous			
01-01-Texture	2544 12th St 3 - Texture	Tan Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile
041929734-0001B		Homogeneous			
01-02-Wallboard	2544 12th St 1 - White Wallboard	Tan/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929734-0002		Homogeneous			
01-02-Joint Compound	2544 12th St 1 - Joint Compound				Positive Stop (Not Analyzed)
041929734-0002A	2544 42th Ct 4				Desitive Ctor (Not Arrel 11)
01-02-Texture	2544 12th St 1 - Texture				Positive Stop (Not Analyzed)
041929734-0002B	054440#-04-5	T 0.0 //- : t -	200/ 0-11-1	000/ Non-Elmon- (Othor)	None Detected
01-03-Wallboard	2544 12th St 5 - White Wallboard	Tan/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
01-03-Joint Compound	2544 12th St 5 -	Tiomogonoodo			Positive Stop (Not Analyzed)
71-03-30lili Compound	Joint Compound				Fositive Stop (Not Allaryzed)
041929734-0003A	<u>'</u>				
01-03-Texture	2544 12th St 5 - Texture				Positive Stop (Not Analyzed)
041929734-0003B					
02-04	2544 12th St 5 - White 12" x 12"	Brown/White Fibrous	90% Cellulose	10% Non-fibrous (Other)	None Detected
041929734-0004	Ceiling Tile	Homogeneous			
02-05	2544 12th St 7 - White 12" x 12"	Brown/White Fibrous	90% Cellulose	10% Non-fibrous (Other)	None Detected
041929734-0005	Ceiling Tile	Homogeneous			
02-06	2544 12th St 7 - White 12" x 12"	Brown/White Fibrous	95% Cellulose	5% Non-fibrous (Other)	None Detected
041929734-0006	Ceiling Tile	Homogeneous		070/ N	00/ 01 //
03-07-Floor Tile	2544 12th St 5 - White 12" x 12" Floor	Tan/White Non-Fibrous		97% Non-fibrous (Other)	3% Chrysotile
041929734-0007	Tile	Homogeneous			
03-07-Mastic	2544 12th St 5 - Black Mastic	Black Non-Fibrous		96% Non-fibrous (Other)	4% Chrysotile
041929734-0007A		Homogeneous			
03-08-Floor Tile	2544 12th St 5 - White 12" x 12" Floor				Positive Stop (Not Analyzed)
041929734-0008 03-08-Mastic	Tile 2544 12th St 5 -				Positive Stop (Not Analyzed)
	Black Mastic				. Sours Stop (Not / Mary 200)
041929734-0008A					

Initial report from: 10/16/2019 15:13:59



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

			Non-Asbe	stos	<u>Asbestos</u>	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type	
03-09-Floor Tile	2544 12th St 5 - White 12" x 12" Floor Tile				Positive Stop (Not Analyzed)	
03-09-Mastic	2544 12th St 5 - Black Mastic				Positive Stop (Not Analyzed)	
041929734-0009A						
04-10	2544 12th St 5 - Black Tar Shingle	Black Non-Fibrous	10% Cellulose	90% Non-fibrous (Other)	None Detected	
041929734-0010	Siding	Homogeneous				
04-11	2544 12th St Ext - Black Tar Shingle	Black Fibrous	10% Cellulose	90% Non-fibrous (Other)	None Detected	
041929734-0011	Siding	Homogeneous				
04-12	2544 12th St Ext - Black Tar Shingle	Black Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected	
041929734-0012	Siding	Homogeneous				
05-13	2544 12th St Ext - Gray Window Glazing	Gray Non-Fibrous		100% Non-fibrous (Other)	<1% Chrysotile	
041929734-0013		Homogeneous				
05-14	2544 12th St Ext - Gray Window Glazing	Gray Non-Fibrous		100% Non-fibrous (Other)	<1% Chrysotile	
041929734-0014		Homogeneous				
05-15	2544 12th St Ext - Gray Window Glazing	Tan/White Non-Fibrous		100% Non-fibrous (Other)	<1% Chrysotile	
041929734-0015		Homogeneous				
06-16	2544 12th St Roof - Black Roof Shingles	Black Fibrous	15% Glass	85% Non-fibrous (Other)	None Detected	
041929734-0016		Homogeneous				
06-17	2544 12th St Roof - Black Roof Shingles	Black Fibrous	15% Glass	85% Non-fibrous (Other)	None Detected	
041929734-0017		Homogeneous				
06-18	2544 12th St Roof - Black Roof Shingles	Black Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected	
041929734-0018	· ·	Homogeneous				

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

OrderID: 041929734



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

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	04	1029734	

EMSL Analytical, Inc.
200 Route 130 North

CHMANING

CHMANING

CHORE 1800-220-3675

FAX: (856) 786-5974

													
Company						Bill to: Same ifferent note instruction							
Street: 524 Elmwood Park Boulevard Suite 170				Th	Third Party Billing requires written authorization from third party								
City: New Orleans State/Province: LA				al Code: 7012		ntry: US							
Report To	(Name):	Steven Latiola	is	Telepho	ne #: 504-818	-3638							
Email Add	ress: St	even.latiolais@	gterracon.com	Fax #:	_	Purc	chase Order:	- }					
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2544 12th

Asbestos Bulk Sample Log & Chain

_ustody Form

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:

Estimated HA Description HA General Location Sample Number Sample Location Condition¹ (Color, Dimensions, Descriptor, then Type) Quantity White Wall board a/John ...
(on pound w/ Texture Theoughour 200 G D SDT G D 60 > White 121/x 121/ Floor Tile G D (SD) Black Mastre Black Tar Shingle Siling G D SD Winda Windows Black Koot Shingles

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



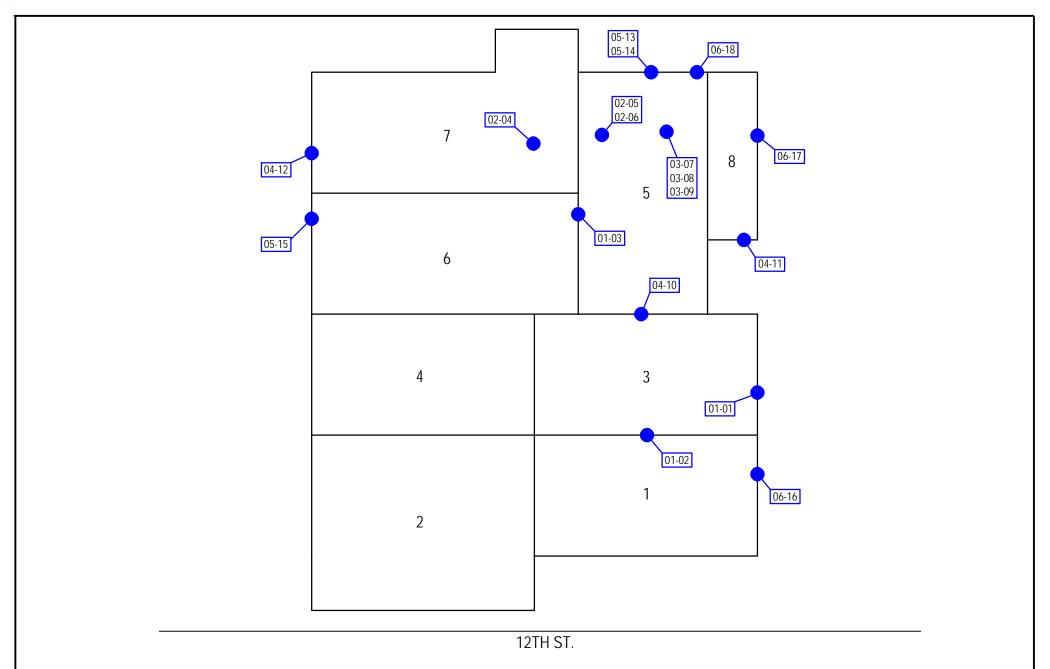


View of HA-04: Black Tar Shingle Siding



View of HA-05: Gray Window Glazing

APPENDIX D EXHIBITS



<u>LEGEND</u>

• ASBESTOS BULK SAMPLE LOCATIONS

			_
Project Mngr:	SML	Project No. BB19705	56
Drawn By:	AMM	Scale: NOT TO SCAL	E
Checked By:	SML	File No. SAMPLELOC.d	lwg
Approved By:	ZLD	Date: OCTOBER 201	19

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

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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
Air Emissions	Malerin	W De l'article de	ALO TO PRODUCE	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

B. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium					
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium 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 1055 - 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					
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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				NELAP	NJ
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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		EPA 200.8, Rev.5.4	10014605		
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	1105 - Nickel	EPA 200.8, Rev.5.4			
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	1125 - Potassium	•			
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	1140 - Selenium				
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					
1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ		•			
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1185 - Vanadium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1190 - Zinc EPA 200.8, Rev.5.4 10014605 NELAP NJ		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	73 CO. CO. 3 CO. 4			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A ne	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

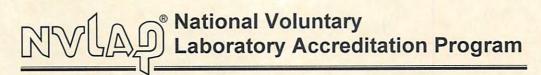
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 Verifica	ation Forms (ADVFs) Requested
Renovation, and/or Response Action projects where Regula present, above the established thresholds, when greater the	for Asbestos Contaminated Debris Activities (ACDA), Demolition, led Asbestos-Containing Material (RACM) is present, or assumed to be an 3 linear or 3 square feet of Asbestos-Containing Material (ACM) is chool or state building, or as otherwise required by LAC 33:III.5151.F.1.
For demolitions where RACM is absent or amount present is Notification of Demolition (Negative Declaration) Form AAC	s below established thresholds, and no ACM will be removed, use Asbestos
Emergency Note: Emergency notification is allow condition (or health hazard), equipmer	able only for a sudden, unexpected event that would cause an unsafe nt damage, or would pose an unreasonable financial burden, per LAC stify 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 n RACM per operation (indicate total volume in Section	non-scheduled operations for repair or maintenance less than 1 Cubic Yard of N 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.)
s structure being demolished under order of a state or local	government agency?
III. Facility Description	
Facility Name Residential Structure	Project Designer Info (schools, state, public or commercial buildings)
Physical Address 2544 12 th Street	Name
City Alexandria State LA Zip 71302	LA Accred. No.
Parish Rapides	Building Size (sq. ft.) 1700
Owner Name	No. Floors _ 1 Age of Building (Yrs) _ Unknown
Contact Name	Location on site (Bldg, Floor, Room, etc.) where work is done <u>Building will be razed.</u>
Mailing Address	Present School State Bldg. Public/Commercial
City State Zip	Use Residential Industrial Installation State Bidg. Industrial Installation
Contact Phone ()	Prior School State Bldg. Public/Commercial
Contact Email	Use Residential Industrial Installation
	Other

IV. Determ	ination of	Asbestos Present	Asbe	estos Determ	nined to ratory th	be Present Per nat is accredited (Inspec	tion and/or Lab	aterials are ACM) Analysis from a 3, Chapters 47-57; (if	
Inspector's Name Steven Latiolais			Accre	edited Lab Name	ne EMSL, Cinnaminson, NJ					
Inspector's Accred. No. MI200658				Lab A	Accred. No.	LELAP 04127 (AI#131900)				
Inspection Dat	e _	10/09/2019	(mm/dd/yy)	Analysis Date		10/16/2019		(mm/dd/yy)	
		ytical method, if appo nce of asbestos mater		PLM – EPA	600					
Attach the foll	lowing cop	ies: • Signature pa • Lab Analysis				spection date inc cated (above)	dicated	d (above)		
		of Demolition and Rents if inspection or la				minated Debris <i>i</i>	Activit	y Form AAC-2(a)) will not be processed	
V. Approxi	imate Amo	unt of Asbestos								
Removal Time	s (check ap	pplicable times)		Business Ho	ours	After Hours]	Weekends	Holidays	
		M	aterial to	be Remove	d		ľ		CM <u>Not</u> to be Removed blition (if applicable)	
		RACM			CAT I	/CAT II		CAT I/CAT II		
Type of Asbestos Material	☐ TSI☐ Firepr☐ Other	coofing VAT		∨AT □ Piping □ Other		☐ Transite ☐ Mastic]	VAT Mastic Other	☐ Asphalt Roofing	
Amount of Asbestos Material	1300 *ACD = A	Linear Feet Square Feet RACM Cubic Ya ACD* Cubic Ya sbestos-contaminate	rd	150	Squ	ear Feet uare Feet M Cubic Yard		S	inear Feet quare Feet ICM Cubic Yard	
VI. Asbesto Asbestos Remo Contractor's N	oval	Contractor Informat			On-site Supervi					
LA Contractor	s License N	0.			On-site	Supervisor's Acc	red. N	0		
Mailing Address			Supervisor's Accred. Expir. Date (mm/dd/yy)							
City State Zip			Contact Name							
Phone ()		[‡] A.I. No.			Contac	t Email				
VII. Other C	perator/D	emolition Contractor	(see XVI	to add addi	tional co	ontractors or oth	er info	ormation)		
Contractor Nai	me				Contact	t Name				
Mailing Addres	ss				Contact	t Email				
City		State	Zip		Contact	t Phone ()			

VIII. Scheduled Dates for Asbestos Removal or Activities that Ma Action, or ACDA	ay Disturb Asbestos Material in a Demolition, Renovation, Response
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 NoT-	
Mailing Address	Contact Phone ()
City State Zip	
XI. Provide the following if RACM/ACD is taken to Non-process SW Transporter Name	Physical Location of Non-
LDEQ SW Transporter No	City State Zip
Mailing Address	Contact Name
City State Zip	
	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 in Gov't Agency Representative Name	if you checked "Yes" in Section II) City of Alexandria, LA Government Agency 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 agen NOTE: The Notification of Demolition and Renovation and Asbesto without this attachment.	os Contaminated Debris Activity Form AAC-2(a) will not be processed
XIV. Emergency Renovations Involving RACM (Complete only for Attach additional pages, if necessary.	emergency event indicated by checked "Emergency" box on page 1.)
Date of Emergency(mm/dd/yy)	Time of Emergency
Describe the sudden, unexpected event requiring immediate attent	tion

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.

Submittal Information

NO FEE

- 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>) 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

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

For revisions or cancellations.

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

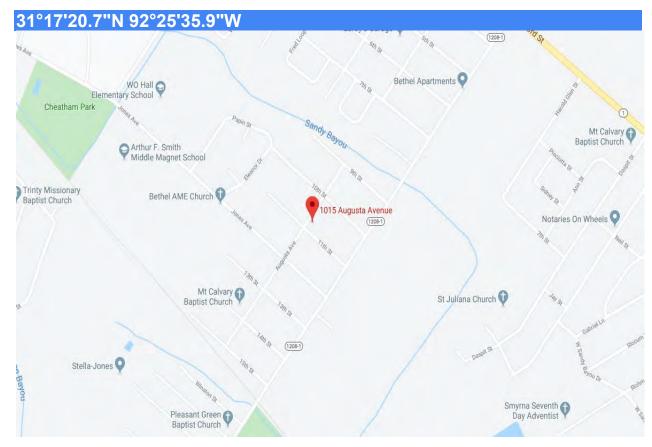
CD-12547 1015 Augusta Avenue











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



Environmental Facilities Geotechnical Materials



November 5, 2019

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

Attn: Ms. Kenna Lavalais

Asbestos Survey Report Re:

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.

Steven Latiolais

Staff Industrial Hygienist

Senior Engineer

Terracon Consultants, Inc. 1520 N. Hearne Avenue, Suite 120 Shreveport, Louisiana 71107 P [318] 606 7559 terracon.com

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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 (Al#: 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.

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 (Al#: 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.





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





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

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





survey be uncovered during the demolition process, those materials should be assumed asbestoscontaining 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

НА	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

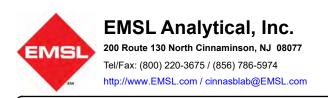
TABLE 2.0 ASBESTOS SURVEY SAMPLE SUMMARY 1015 Augusta Avenue Alexandria, Louisiana

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	01-01				Shingle – None Detected
	0.0.				Felt – None Detected
01	01-02	Brown roof shingles and felt	Roof	Damaged	Shingle – None Detected
	0102	paper	1.001	Damagea	Felt – None Detected
	01-03				Shingle – None Detected
	01-00				Felt – None Detected
	02-04 02-05		Behind brick on exterior facing		None Detected
02		Black vapor barrier	walls	Damaged	None Detected
	02-06		waiis		None Detected
	03-07				Tile – 2% Chrysotile
	03-07				Mastic – 4% Chrysotile
03	03-08	Brown 9"x9" floor tile with	1, 2, 3, 5, 6	Significantly	Tile - Not Analyzed
03	03-06	black mastic	1, 2, 3, 5, 6	Damaged	Mastic - Not Analyzed
	03-09				Tile - Not Analyzed
	03-09				Mastic – Not Analyzed
	04-10				Tile – 2% Chrysotile
	04-10				Mastic – 5% Chrysotile
04	04-11	Beige 12"x12" floor tile with	4	Significantly	Tile – Not Analyzed
04	V 4 -11	black mastic	4	Damaged	Mastic – Not Analyzed
	04-12				Tile – Not Analyzed
	U - -12				Mastic - Not Analyzed

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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	05-13				50% Chrysotile
05	05-14	White heat shield	4	Damaged	Not Analyzed
	05-15				Not Analyzed
					Wallboard – None Detected
	06-16				Joint Compound – 2% Chrysotile
	00-10				Texture – 2% Chrysotile
					Composite – <1% Chrysotile
					Wallboard – None Detected
06	06-17	White drywall with joint	Throughout	Damagad	Joint Compound – Not Analyzed
00	00-17	compound and texture		Damaged	Texture – Not Analyzed
					Composite – <1% Chrysotile
					Wallboard – None Detected
	06-18				Joint Compound – Not Analyzed
	00-10				Texture – Not Analyzed
					Composite – <1% Chrysotile
	07-19				Tape – None Detected
	07-19				Mastic – None Detected
07	07-20	White HVAC tape with tan	Throughout planum	Good	Tape – None Detected
0/	07-20	mastic	Throughout plenum	Good	Mastic – None Detected
	07-21				Tape – None Detected
	07-21				Mastic – None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

EMSL Order: 041929736 Customer ID: TCNL25 Customer PO: BB197056

Project ID:

Phone: (504) 818-3638

Fax:

Received Date: 10/10/2019 9:10 AM
Analysis Date: 10/11/2019 - 10/28/2019

Collected Date:

New Orleans, LA 70123 **Project:** 1015 Augusta / BB197056

Attention: Steven Latiolais

Ste. 170

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

			<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01-Shingles	1015 Augusta-Roof - Brown Roof Shingles	Brown Non-Fibrous	25% Glass	75% Non-fibrous (Other)	None Detected
041929736-0001		Homogeneous			
01-01-Felt Paper	1015 Augusta-Roof - Felt Paper	Black Fibrous	75% Cellulose	25% Non-fibrous (Other)	None Detected
041929736-0001A		Homogeneous			
01-02-Shingles	1015 Augusta-Roof - Brown Roof Shingles	Brown Non-Fibrous	20% Glass	80% Non-fibrous (Other)	None Detected
041929736-0002		Homogeneous			
01-02-Felt Paper	1015 Augusta-Roof - Felt Paper	Black Fibrous	75% Cellulose	25% Non-fibrous (Other)	None Detected
041929736-0002A		Homogeneous			
01-03-Shingles	1015 Augusta-Roof - Brown Roof Shingles	Brown Non-Fibrous	20% Glass	80% Non-fibrous (Other)	None Detected
041929736-0003		Homogeneous			
01-03-Felt Paper	1015 Augusta-Roof - Felt Paper	Black Fibrous	65% Cellulose	35% Non-fibrous (Other)	None Detected
041929736-0003A		Homogeneous			
02-04	1015 Augusta-Est - Black Vapor Barrier	Black Fibrous	80% Cellulose	20% Non-fibrous (Other)	None Detected
041929736-0004		Homogeneous			
02-05	1015 Augusta-Est - Black Vapor Barrier	Black Fibrous	80% Cellulose	20% Non-fibrous (Other)	None Detected
041929736-0005		Homogeneous			
02-06	1015 Augusta-Est - Black Vapor Barrier	Black Fibrous	70% Cellulose	30% Non-fibrous (Other)	None Detected
041929736-0006		Homogeneous			
03-07-Floor Tile	1015 Augusta-5 - Brown 9"x9" Floor Tile	Brown Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile
041929736-0007		Homogeneous			
03-07-Mastic	1015 Augusta-5 - Black Mastic	Black Non-Fibrous		96% Non-fibrous (Other)	4% Chrysotile
041929736-0007A		Homogeneous			
03-08-Floor Tile	1015 Augusta-6 - Brown 9"x9" Floor Tile				Positive Stop (Not Analyzed)
041929736-0008					
03-08-Mastic	1015 Augusta-6 - Black Mastic				Positive Stop (Not Analyzed)
041929736-0008A					
03-09-Floor Tile	1015 Augusta-2 - Brown 9"x9" Floor Tile				Positive Stop (Not Analyzed)
041929736-0009					
03-09-Mastic	1015 Augusta-2 - Black Mastic				Positive Stop (Not Analyzed)
041929736-0009A					
04-10-Floor Tile	1015 Augusta-4 - Beige 12"x12" Floor	Beige Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile
041929736-0010	Tile	Homogeneous			

Report amended: 10/28/2019 08:55:00 Replaces initial report from: 10/17/2019 11:02:16 Reason Code: Client-Additional Analysis

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

			Non-Asbes	<u>tos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
04-10-Mastic	1015 Augusta-4 - Black Mastic	Black Non-Fibrous		95% Non-fibrous (Other)	5% Chrysotile
41929736-0010A		Homogeneous			
4-11-Floor Tile	1015 Augusta-4 - Beige 12"x12" Floor				Positive Stop (Not Analyzed)
41929736-0011	Tile				
4-11-Mastic	1015 Augusta-4 - Black Mastic				Positive Stop (Not Analyzed)
41929736-0011A					
4-12-Floor Tile	1015 Augusta-4 - Beige 12"x12" Floor				Positive Stop (Not Analyzed)
41929736-0012	Tile				
4-12-Mastic	1015 Augusta-4 - Black Mastic				Positive Stop (Not Analyzed)
41929736-0012A					
05-13	1015 Augusta-4 - White Heat Shield	White Fibrous	30% Cellulose	20% Non-fibrous (Other)	50% Chrysotile
41929736-0013		Homogeneous			
05-14	1015 Augusta-4 - White Heat Shield				Positive Stop (Not Analyzed)
41929736-0014					
5-15	1015 Augusta-4 - White Heat Shield				Positive Stop (Not Analyzed)
41929736-0015					
6-16-Drywall	1015 Augusta-5 - White Drywall	White Fibrous	4% Cellulose	96% Non-fibrous (Other)	None Detected
41929736-0016		Homogeneous			
06-16-Joint Compound	1015 Augusta-5 - Joint Compound	White Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile
041929736-0016A		Homogeneous			
06-16-Texture	1015 Augusta-5 - Texture	White/Blue Non-Fibrous	2% Cellulose	96% Non-fibrous (Other)	2% Chrysotile
141929736-0016B		Homogeneous			
06-16-Composite	1015 Augusta-5 - White Drywall / Joint	Brown/White Fibrous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
41929736-0016C	Compound	Heterogeneous			
6-17-Drywall	1015 Augusta-2 - White Drywall	White Fibrous	3% Cellulose	97% Non-fibrous (Other)	None Detected
041929736-0017		Homogeneous			
06-17-Joint Compound	1015 Augusta-2 - Joint Compound				Positive Stop (Not Analyzed)
041929736-0017A					
6-17-Texture	1015 Augusta-2 - Texture				Positive Stop (Not Analyzed)
41929736-0017B					
6-17-Composite	1015 Augusta-2 - White Drywall / Joint	Brown/White Fibrous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
41929736-0017C	Compound	Heterogeneous			
06-18-Drywall	1015 Augusta-7 - White Drywall	Brown/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
41929736-0018		Homogeneous			
06-18-Joint Compound	1015 Augusta-7 - Joint Compound				Positive Stop (Not Analyzed
041929736-0018A 06-18-Texture	1015 Augusta-7 -				Positive Stop (Not Analyzed)
	Texture				. oslave Stop (Not Analyzeu
041929736-0018B					

Report amended: 10/28/2019 08:55:00 Replaces initial report from: 10/17/2019 11:02:16 Reason Code: Client-Additional Analysis



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

			Non-Asbe	stos .	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
06-18-Composite	1015 Augusta-7 - White Drywall / Joint Compound	Brown/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
07-19-Tape	1015 Augusta-1 - White HVAC Tape	White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
07-19-Mastic	1015 Augusta-1 - Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-20-Tape	1015 Augusta-1 - White HVAC Tape	White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
07-20-Mastic	1015 Augusta-1 - Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-21-Tape	1015 Augusta-1 - White HVAC Tape	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
07-21-Mastic	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 Remophono

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

OrderID: 041929736



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL Analytical, Inc.
2002701019000191101
200 Route 130 North
EMSL Analytical, Inc. 200 Route #30 North
CINNA EMS ED Cinnaminson Na 08077
FAX: (856) 789-5974
FAX. (856) 789,5974

LABORATORY-PRO	OUCTS - TRAININ	iii	041929736				FAX: (856) 789,59	74		
Company	. Тептасс	on .					to: Same Different			
Street: 524	4 Elmwo	od Park Bou	levard Suite 170				res written authorization from third party			
City: New	Orleans		State/Province: LA	2	Zip/Postal Code: 70123 Country: US					
		Steven Latio		1	Telephone #: 504-818-3638					
			s@terracon.com		Fax #:	<u>_</u>	Purchase Order:			
Project Na	me/Num	ber: /065/ Taken: LA	Jugusta 18B19705		Please Provide		Fax ✓ Email Mail ial/Taxable Residential/Tax Ex			
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A security of the A times of			1000 (<0.1%) (<0.25%)	*****	Chatfield Protoc		0/R-93/116 Section 2.5.5.2	J		
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Asbestos Bulk Sample Log & Chain o Terpocon housta

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APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of HA-01: Brown roof shingles and felt paper.



View of HA-03: Brown 9"x9" floor tile with black mastic.



View of HA-02: Black vapor barrier.



HA-04: Beige 12"x12" floor tile with black mastic.





View of HA-05: White heat shield.



View of HA-07: White HVAC tape with tan mastic.



View of HA-06: White drywall with joint compound and texture.

APPENDIX D EXHIBITS

ASBESTOS BULK
SAMPLE LOCATIONS LEGEND 01-03 02-06 Checked By: 06-17 AMM SML ZLD SML 05-13 05-14 05-15 OCTOBER 2019 NOT TO SCALE SAMPLELOC.dwg BB197056 04-10 04-11 04-12 524 ELMWOOD PARK BLVD NEW ORLEANS, LA 70123 (504) 818-3638 (504) 818-3890 06-18 03-08 07-19 07-20 ယ 1015 AUGUSTA AVENUE - BULK SAMPLE LOCATIONS CITY OF ALEXANDRIA - 1015 AUGUSTA AVE. - CD12547 01-02 02-04 02-05 01-01 LIMITED ASBESTOS SURVEY ALEXANDRIA, LOUISIANA 1015 AUGUSTA AVENUE AUGUSTA AVE. EXHIBI

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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
Air Emissions	Malerin	W De l'article de	ALO CONTRACTOR OF	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

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Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
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1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
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1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium					
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
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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				NELAP	NJ
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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	-	EPA 200.8, Rev.5.4	10014605	NELAP	NJ
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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	1105 - Nickel	EPA 200.8, Rev.5.4			
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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	1140 - Selenium				
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					
1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin 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		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	73 CO. CO. 3 CO. 4			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A nd	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

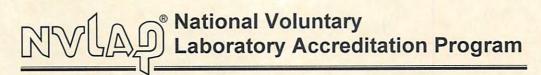
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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.

ation 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.			
below established thresholds, and no ACM will be removed, use Asbestos			
-2(b).			
able only for a sudden, unexpected event that would cause an unsafe at damage, or would pose an unreasonable financial burden, per LAC stify your emergency request must be provided (see Section XIV).			
Additional Latest ADVF# Issued			
on-scheduled operations for repair or maintenance less than 1 Cubic Yard of V as bin size).			
v us biii sizej.			
Reno & Demo (ACM or RACM removal & subsequent demo)			
RACM Demo (entire structure treated as RACM) Response Action (schools, state, public or commercial bldgs.)			
government agency?			
Project Designer Info (schools, state, public or commercial buildings)			
Name			
LA Accred. No.			
Building Size (sq. ft.) 1000			
No. Floors 1 Age of Building (Yrs) Unknown			
Location on site (Bldg, Floor, Room, etc.) where work is done Building will be razed.			
Proceed Co.			
Present School State Bldg. Public/Commercial			
Residential Industrial Installation			
Other Blighted structure.			
Prior School State Bldg. Public/Commercial			
Use 🔀 Residential 🔲 Industrial 🔲 Installation			

IV. Determ	Asbe com	e stos Determ mercial labor	ned Asbestos Present (if continued to be Present Per ratory that is accredited ute the items below)	Inspection and/or Lab /	Analysis from a
Inspector's Na	me Steven Latiolais		Accredited Lab Name	EMSL, Cinnaminson, N	11
Inspector's Acc	cred. NoMI200658		Lab Accred. No.	LELAP 04127 (AI#1319	900)
Inspection Dat	e <u>10/09/2019</u> (mm/dd/yy)	Analysis Date	10/28/2019	(mm/dd/yy)
	luding analytical method, if appropriate, the presence of asbestos material	PLM – EPA 6	600		
NOTE: The <i>No</i>	owing copies: • Signature page of insp • Lab Analysis Report for tification of Demolition and Renovation attachments if inspection or lab analysis	or analysis da and Asbesto	ate indicated (above) os Contaminated Debris A		will not be processed
	mate Amount of Asbestos				
Removal Time	s (check applicable times)	Business Ho	ours After Hours	Weekends	Holidays
	Material to	be Removed	d	_	M <u>Not</u> to be Removed lition (if applicable)
	RACM		CAT I/CAT II	CAT	I/CAT II
Type of Asbestos Material	☐ TSI ☐ Ceiling ☐ Fireproofing ☐ VAT ☐ Other Wall Texture	VAT Piping Other	☐ Transite ☐ Mastic	VAT Mastic Other	Asphalt Roofing
Amount of Asbestos Material	Linear Feet 1,850 Square Feet RACM Cubic Yard ACD* Cubic Yard *ACD = Asbestos-contaminated Debris		Linear Feet Square Feet ACM Cubic Yard	Sc	near Feet Juare Feet CM Cubic Yard
Asbestos Remo	s Removal Contractor Information for Ra oval ame [‡]	-	On-site Supervisor's Name		
LA Contractor's License No. On-site Supervisor's Accred		red. No			
Mailing Address		Supervisor's Accred. Exp	ir. Date	(mm/dd/yy)	
<u> </u>		Contact Name		·	
Phone () [‡] A.I. No. Contact Email					
VII. Other O	perator/Demolition Contractor (see XVI	to add addit	tional contractors or oth	er information)	
Contractor Nar	me		Contact Name		
Mailing Address Contact Em			Contact Email		
City	State Zip		Contact Phone ()	

III. 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	Contact Email		
Mailing Address	Contact Phone ()		
City State			
XI. Provide the following if RACM/ACD is taken to Non-processing	•		
SW Transporter Name	Physical Location of Non- processing Transfer Station		
LDEQ SW Transporter No	City State Zip		
Mailing Address	Contact Name		
City State Zip	Contact Email		
	Contact Phone ()		
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	te 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	City of Alexandria, LA Government Agency Community Development Department		
Representative's Title Demolition Program Manager			
Manch 7, 2017	Date Ordered to Begin(mm/dd/yy)		
Manch 7, 2017			
Date Issued March 7, 2017 (mm/dd/yy)	identified (above). City Resolution 9633-2017		
Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for e	videntified (above). City Resolution 9633-2017 Contaminated Debris Activity Form AAC-2(a) will not be processed		
Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment.	videntified (above). City Resolution 9633-2017 Contaminated Debris Activity Form AAC-2(a) will not be processed		
Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for each additional pages, if necessary.	ridentified (above). City Resolution 9633-2017 Contaminated Debris Activity Form AAC-2(a) will not be processed mergency event indicated by checked "Emergency" box on page 1.) Time of Emergency		

-	n how event would cause an unsafe condition (health hazard), equipment e, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)
XV. F	Planned Demolition, Renovation Work, Response Action, or ACDA
Descrip	otion of activity including techniques of removal and facility components
	otion of work practices & engineering controls including os removal and waste handling emission control procedures
	pe procedures to be followed in the event unexpected RACM is or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)
	Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)
I certify Demoli assume	Certification y under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), ition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or ed to be present above the established thresholds as described in this notification are required to be conducted in accordance AC 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 <i>Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)</i> is a violation of LAC 33:III.5151.
Print	ted 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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,



PAGE 3003 51.7

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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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.

3003 548

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.

Property Address	Property Owner
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

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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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

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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:

Property Owner
Page Livingston
Bakies Properties, LLC
Jerry Pearson
Alpha Capital/BMO Harris
Alice Hammond
Frank R. Bordelon
Agnes Wallace
Jerry Johnson
Colonial Financial Service Inc
Walter Reynolds

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3003

Ryland

1326 Charlton Street

3925 Clinton Street

1117 Cole Street

1119 Cole Street

2027 East Texas Avenue

56 Eastwood Boulevard

1204 Fenner Street

4517 Futrell Street

405 Gabriel Lane

3008 Houston Street

3149 Houston Street

3305 Hudson Boulevard

3331 Hudson Boulevard

311 John Thomas Street

5503 Jube Street

3520 Laurel Street

717 Leland Street

4206 Lincoln Road

2533 Main Street

116 Mary Lane

314 Marye Court

2008 Mason Street

2219 Mill Street

208 1/2 North 13th Street

2803 Overton Street

Elsie H. Ryland

Henry Joffrion

Leontina Dauzat

Leontina Dauzat

Midwest Management

Tri Brewer

Don Thompson

Willie M. Pickens

Shirley Johnson

Willie Wilson

Savannah Webber

Delwin Eldridge

Rodney Taylor

Thomas Farace

Michael Tennie

Donald Medica

Henry Weekly

Lillian Davis

Washington Bush

Bakies Properties, LLC

Kylie R. Larwood

McErvin Howard, Sr. EST

Dominic Robinson

Jerry Larwood

Jerry & Rhonda Hughes

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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		

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3003 Bessie Morris

Ivory Grant

Jacqulin Freeman

Rex H. Countee

Lucy B. Russaw

Virginia Harvey

Lucille Green

Pharrow Perkins

Rosa M. McCoy

Russell J. Walker

Louis H. Taylor/Frankie Mae Hall

Carrie C. Small

Lucille Taffaro

The Money Shack, LLC

Herman Davis Burrell

Rosemary Dauzart

Jerry Larwood

Mary Cataldie

Thomas J. Atkins

Gertrude Quinney

Bessie M. Vallery

Joyce R.F. Sandifer

Everett Hobbs

Sir Welton Hobbs

Harry C. Robinson

1321 Fenner Street

3611 Hollywood Drive

2828 Houston Street

1510 Huffman Street

3201 Hudson Boulevard

1512 Huffman Street

821 John Thomas

2145 Lee Street

604 Leonard Street

1904 Levin Street

1912 Levin Street

2636 Main Street

2716 Main Street

316 Marye Court

2054 Mason Street

2095 Mason Street

209 North 15th Street

2040 Overton Street

2069 Overton Street

2213 Overton Street

2217 Overton Street

2332 Overton Street

2437 Overton Street

2441 Overton Street

2608 Overton Street

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2720 Overton Street

20 Overton Street

921 Railroad Avenue

504 Scallan Street

2430 Paris 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 HERERY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND COPRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF

DAY OF

DY, CLERK OF COURT

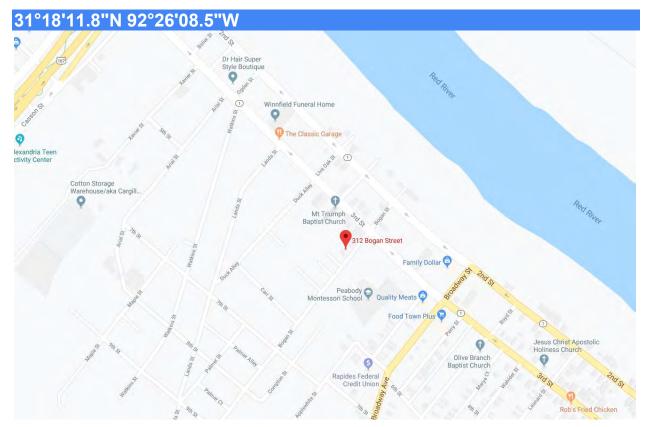
CD-12580 312 Bogan Street











Residential Structure (CD12580) 312 Bogan Street Alexandria, Louisiana

> November 5, 2019 Terracon Project No. BB197056



Prepared for:

Community Development Department Alexandria, Louisiana

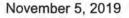
Prepared by:

Terracon Consultants, Inc. Shreveport, Louisiana

terracon.com



Environmental Facilities Geotechnical Materials





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

1520 N. Hearne Avenue, Suite 120 Shreveport, Louisiana 71107 P [318] 606 7559 terracon.com

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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 (Al#: 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.

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 (Al#: 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.

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

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

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 asbestoscontaining 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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	01-01				Flooring – None Detected Leveling Compound – None Detected
01	01-02	Multi-colored rock pattern sheet flooring with leveling compound		Significantly Damaged	Flooring – None Detected Leveling Compound – None Detected
	01-03				Flooring – None Detected Leveling Compound – None Detected
	02-04				Shingles – None Detected Paper – None Detected
02	02-05	Black roof shingles and felt paper	Roof above 8	Significantly Damaged	Shingles – None Detected Paper – None Detected
	02-06				Shingles – None Detected Paper – None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

EMSL Order: 041929721 Customer ID: TCNL25 Customer PO: EBB197056

Project ID:

Phone: (504) 818-3638

Fax:

Received Date: 10/10/2019 9:10 AM **Analysis Date:** 10/11/2019 - 10/16/2019

Collected Date:

New Orleans, LA 70123 **Project:** 312 Bogan / EBB197056

Attention: Steven Latiolais

Ste. 170

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

	Non-Asbestos		<u>stos</u>	<u>Asbestos</u>	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01-Sheet Flooring	312 Bogan - 6 - Multi-colored Rock Pattern Sheet Flooring	Various Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
01-01-Leveling Compound	312 Bogan - 6 - Leveling Compound	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
041929721-0001A					
01-02-Sheet Flooring 041929721-0002	312 Bogan - 6 - Multi-colored Rock Pattern Sheet Flooring	Various Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
01-02-Leveling Compound	312 Bogan - 6 - Leveling Compound	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
041929721-0002A		-			
01-03-Sheet Flooring	312 Bogan - 4 - Multi-colored Rock Pattern Sheet Flooring	Various Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
01-03-Leveling Compound	312 Bogan - 4 - Leveling Compound	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
041929721-0003A					
02-04-Shingles 041929721-0004	312 Bogan - 8 - Roof - Brown Roof Shingles	Brown/Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
02-04-Felt Paper	312 Bogan - 8 - Roof - Felt Paper	Black Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929721-0004A		Homogeneous			
02-05-Shingles	312 Bogan - 8 - Roof - Brown Roof Shingles	Brown/Black Fibrous	20% Glass	80% Non-fibrous (Other)	None Detected
041929721-0005		Homogeneous			
02-05-Felt Paper	312 Bogan - 8 - Roof - Felt Paper	Black Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929721-0005A	040 B 0 5 6	Homogeneous	2007 01	2007 N	
02-06-Shingles	312 Bogan - 8 - Roof - Brown Roof Shingles	Brown/Black Fibrous	20% Glass	80% Non-fibrous (Other)	None Detected
041929721-0006	040 B 2 B	Homogeneous	2007 0 " 1	700/ Nov. 51 (2011)	Non-British
02-06-Felt Paper	312 Bogan - 8 - Roof - Felt Paper	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
02-06-Shingles 2	312 Bogan - 8 - Roof -	Black	30% Cellulose	70% Non-fibrous (Other)	None Detected
02-06-5ningles 2	Brown Roof Shingles	Fibrous Homogeneous	30 % Cellulose	7 0 70 14011-1101043 (Ott161)	None Detected

Initial report from: 10/16/2019 13:10:37



EMSL Order: 041929721
Customer ID: TCNL25
Customer PO: EBB197056

Project ID:

Analyst(s)

Christina Maiorana (5) Sarah Kleinbrahm (8) ancuetha Kingtum

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



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

EMSL Analytical, Inc.	
200 Route 130 North	
200 Route 130 North CINN EMS D Cinnaminson, NJ 0807 (856) 786-597	
Cinnaminson, NJ 0807	7
(1-800-220-367	75
(856),786-597	4

EMBL ANALYTICAL, INC.	0419	129721	FAS (856) 786-5974
Company : Terracon			ili to: ☐ Same ☑ Different erent note instructions in Comments**
Street: 524 Elmwood Park Bou	levard Suite 170	Third Party Billing red	quires written authorization from third party
City: New Orleans	State/Province: LA	Zip/Postal Code: 70123	
Report To (Name): Steven Latio		Telephone #: 504-818-3	
Email Address: steven.latiolai		Fax #:	Pürchase Order:
Project Name/Number: 3/2	Bogan /EBB/97056		
U.S. State Samples Taken: LA		CT Samples: Comme	
3 Hour 6 Hour *For TEM Air 3 hr through 6 hr, please an authorization form for this se	24 Hour 48 Hour	mium charge for 3 Hour TEM AH	16 Hour 1 1 Week 2 Week ERA or EPA Level II TAT. You will be asked to sign ditions located in the Analytical Price Guide.
PLM - Bulk (rep	orting limit)		<u>TEM – Bulk</u>
PLM EPA 600/R-93/116 (<1%)	TEM EPA NOB - EPA 6	00/R-93/116 Section 2.5.5.1
Î PLM EPA NOB (<1%)		NY ELAP Method 198.4	Territoria
Point Count ☐ 400 (<0.25%) ☐		Chatfield Protocol (semi-	
Point Count w/Gravimetric 400	· · · · · · · · · · · · · · · · · · ·		500/R-93/116 Section 2.5.5.2
☐ NIOSH 9002 (<1%)		TEM Qualitative via Filtr	
NY ELAP Method 198.1 (friab	·	☐ TEM Qualitative via Drop	
NY ELAP Method 198.6 NOB	(non-triable-NY)		Other .
Standard Addition Method			
Check For Positive Stop - C	learly identify Homogenous G	roup Date Sampled:	
1	1 1 1		\$ /
Samplers Name: Jever	1_Latiolais	Samplers Signature:	
Sample # HA #	Sample Location		Material Description
			. "
Den	se see att	ached	
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			<u> </u>
Client Sample # (s):	•		Total # of Samples:
Relinquished (Client):	L to Fedox Date	10/19	Time:
Received (Lab):	<u>ე</u> ე Date	: 10-10-19	Time: 9:101
Comments/Special Instructions Bill o: Terracon, 529 Elmwood Park Boulevard, S Attention: Steven Latiolais Phone: 504-616-3638	iuite 170, New Orleans, LA, 70123, US	e Order:	
			

Tel.acor

Page

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Of.

Asbestos Bulk Sample Log & Chain

istody 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 HA Description **Estimated** Sample Number Sample Location **HA General Location** Condition¹ (Color, Dimensions, Descriptor, then Type) Quantity D (SD D D SD G D SD G -D SD-ڥ G D SD D SD

APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS



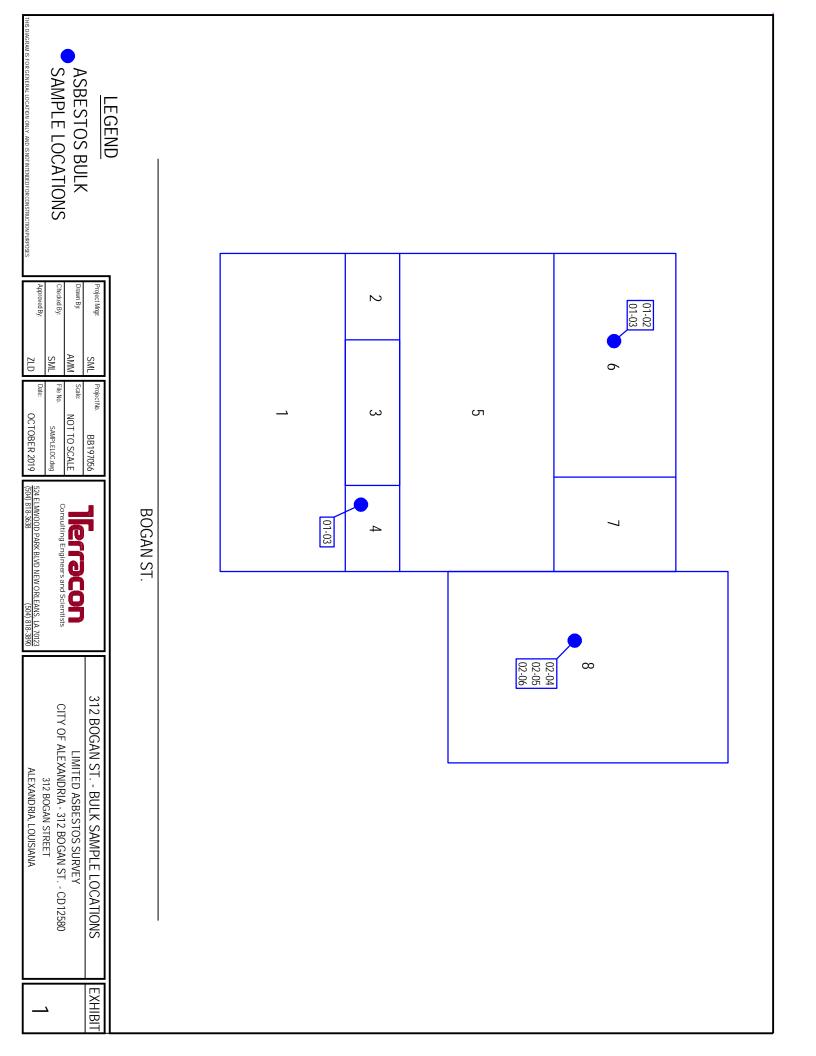


View of HA-01: Gray ceramic tile pattern sheet flooring.



View of HA-02: Brown roof shingle with felt paper

APPENDIX D EXHIBITS



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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
Air Emissions	Malerin	W De l'article de	ALO TO PRODUCE	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

Th. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium					
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
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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	1105 - Nickel	EPA 200.8, Rev.5.4			
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	1125 - Potassium	•			
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	1140 - Selenium				
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					
1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin 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		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.707.007.704			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A ne	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

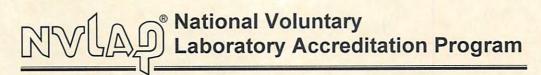
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 🛛 1	No ACM present		Established Thresholds per LAC 33:III.5151.F.1. Combined amount of RACM is less than:		
	ACM present is not RACM and will no	ot be made	60 linear feet on pipes;		
	RACM by the demolition		64 square feet on other facility components; or		
☐ F	RACM, or ACM that will be made RAG	• 1 cubic yard off facility components where length			
	than the established thresholds (See				
	Demolition (allowable only if structon thresholds) (See Section I, above)	ure contains	no RACM or contains RACM below established		
III. Facility Description					
Facility Name Residential Stru	ıcture	Parish	Rapides		
312 Bogan Stree	et	D 11 11 C1	(() 250		
Physical Address	ze (sq. ft.) <u>850</u>				
City Alexandria S	State LA Zip 71302		1 Age of Building (Yrs) Unknown		
Owner Name			on site (Bldg, Floor, c.) where work is done Structure will be razed.		
		Noom, etc.	, where work is done		
Contact Information:					
		Present _F	School State Bldg. Public/Commercial		
Contact Name	ct Name Use				
Mailing Address			Residential Industrial		
	rate Zip		Other		
So	Zip	Duiteur			
Phone ()		Prior Use	School State Bldg. Public/Commercial		
Email			Residential Industrial		
			Other		
		_			

IV. Determination of No RACM Present /Amount of RACM Present is Below Established Thresholds for Demo Project (See Section I)										
Inspection Date	pection Date 10/09/2019 (mm/dd/yy)		Lab Analysis I	Date _	10/16/2019	(mm/dd/yy)				
Inspector's Name	Steven Latiolais		Accredited La	Accredited Lab Name <u>EM</u>		NJ				
Inspector's Accred. No. MI200658		LELAP* Lab ID	ELAP* Lab ID No. 04127							
Lab Agency Interest (AI) No. 131900										
Procedure, including analytical method, if appropriate, 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 Price	r to Demo	olition (if ACM is pres	sent)				
	, ,	RACM			Non-regulat					
Type of Asbestos	☐ TSI	Fireproofing		☐ VAT	Asph	alt Roofing				
Material	Ceiling Tile	Other	🗀 '		ic Other					
Amount of Asbestos		linear			linear feet					
Material Not Removed	square feet cubic yards			-	 -	square feet cubic yards				
VI. Demolition Contract	cor									
Contractor Name			Contact I	Name						
Mailing Address			Contact I	Contact Email						
City	State	Zip	Contact	Contact Phone ()						
VII. Scheduled Demolitic	on Dates									
Start Date(mm/dd/yy) Compl			Complet	ion 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.xviii)										

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.

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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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:

Signature of Owner or Operator/Contractor

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

Printed Name of Owner or Operator/Contractor

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

Date (mm/dd/yy)

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 3rd 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 <u>June 27, 2017</u> 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/repaired 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 5th 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 <u>June 27, 2017</u> 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:

Property Address	Property Owner
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	Foster C. Payne
(Larvadain abstain on the above)	
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.

<u>/s/ Donna Jones</u> City Clerk

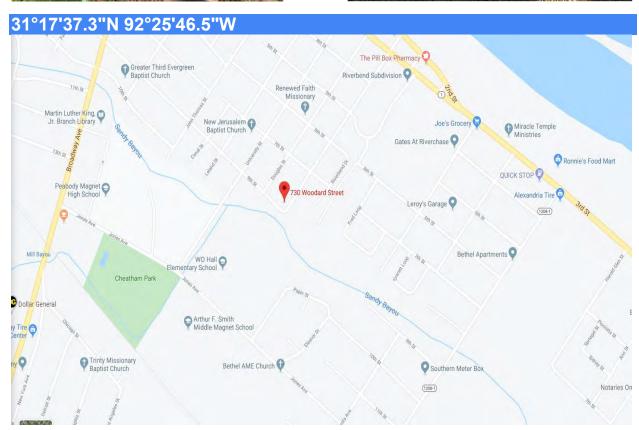
CD-12782 730 Woodard Street











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



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

enior Engineer

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APPE	NDIX B	Asbestos Laboratory Analytical Report	
APPE	NDIX C	Photographs of Select Homogeneous Areas	
APPE	NDIX D	Exhibit	
APPEI	NDIX E	Certifications	
APPEI	NDIX 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 (Al#: 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.

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 (Al#: 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.

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





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

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 asbestoscontaining 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 730 Woodard Street Alexandria, Louisiana

НА	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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
					Wallboard – None Detected
	01-01				Joint Compound – 3% Chrysotile
	0101				Texture – <1% Chrysotile
					Composite – <1% Chrysotile
					Wallboard – None Detected
01	01-02	White wallboard with joint	Throughout	Damaged	Joint Compound – Not Analyzed
"	0102	compound and texture	Tilloughout	Damagea	Texture – 3% Chrysotile
					Composite – <1% Chrysotile
	01-03				Wallboard – None Detected
	01-03				Joint Compound – None Detected
	01-03				Texture – None Detected
					Composite – None Detected
	02-04 02-05	Beige sheet flooring with 2"x4"			None Detected
02		pattern	1, 2, 4, 5, 6	Damaged	None Detected
	02-06	pattern			None Detected
	03-07	C		Cinnificantly	None Detected
03	03-08	Cream stone pattern sheet	7	Significantly	None Detected
		flooring		Damaged	None Detected
				0::	None Detected
04	04-11	White 1'x1' ceiling tile	8	Significantly	None Detected
	04-12	_		Damaged	None Detected

TABLE 2.0 cont. ASBESTOS SURVEY SAMPLE SUMMARY 730 Woodard Street Alexandria, Louisiana

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	05-13	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Cignificantly	None Detected
05	05-14	White sheet flooring with 4"x4" pattern	8	Significantly Damaged	None Detected
	05-15	pattern		Damaged	None Detected
	06-16				Tile – None Detected Adhesive – None Detected
06	06-17	Off white self-stick 12"x12" floor tile with adhesive	3	Damaged	Tile – None Detected Adhesive – None Detected
	06-18				Tile – None Detected Adhesive – None Detected
	07-19				Shingle – None Detected Paper – None Detected
07	07-20	Black roof shingles and felt paper	Roof	Damaged	Shingle – None Detected Paper – None Detected
	07-21				Shingle – None Detected Paper – None Detected
	08-22				None Detected
08	08-23	White window glazing	Exterior windows	Damaged	None Detected
	08-24				None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Order: 041929889 Customer ID: TCNL25 Customer PO: BB197056

Project ID:

Attention: Steven Latiolais Phone: (504) 818-3638

Terracon Consultants Fax:

 524 Elmwood Park Blvd.
 Received Date:
 10/11/2019 9:20 AM

 Ste. 170
 Analysis Date:
 10/17/2019 - 10/28/2019

New Orleans, LA 70123 Collected Date: 10/10/2019

Project: 730 Woodward - BB197056

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

			Non-Asbe	<u>stos</u>	<u>Asbestos</u>			
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type			
01-01-Wallboard	730 Woodward - 6 - White Wallboard	Tan/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected			
01-01-Joint Compound	730 Woodward - 6 - Joint Compound	White Non-Fibrous		97% Non-fibrous (Other)	3% Chrysotile			
041929889-0001A		Homogeneous						
01-01-Texture 041929889-0001B Limited sample material.	730 Woodward - 6 - Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile			
01-01-Composite	730 Woodward - 6 - White Wallboard /	Brown/White Fibrous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile			
041929889-0001C	Joint Compound	Heterogeneous	450/ 0 # 1	050(N 51 (011)				
01-02-Wallboard	730 Woodward - 1 - Joint Compound	Tan/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected			
01-02-Joint Compound	730 Woodward - 1 - Joint Compound				Positive Stop (Not Analyzed)			
041929889-0002A	700 14/	\A#.:t.		070/ Nov. 51 (01/)	00/ 01			
01-02-Texture	730 Woodward - 1 - Texture	White Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile			
01-02-Composite	730 Woodward - 1 - White Wallboard /	Brown/Tan/White Fibrous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile			
041929889-0002C	Joint Compound	Heterogeneous						
01-03-Wallboard	730 Woodward - 2 - White Wallboard	Tan/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected			
041929889-0003		Homogeneous						
01-03-Joint Compound	730 Woodward - 2 - Joint Compound				Positive Stop (Not Analyzed)			
041929889-0003A 01-03-Texture	730 Woodward - 2 - Texture				Positive Stop (Not Analyzed)			
041929889-0003B								
01-03-Composite	730 Woodward - 2 - White Wallboard /	Brown/White Fibrous	12% Cellulose	88% Non-fibrous (Other)	None Detected			
041929889-0003C	Joint Compound	Heterogeneous						
02-04	730 Woodward - 6 - Beige Sheet Flooring	Beige Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected			
041929889-0004	2' x 4' Pattern	Homogeneous	400/ 0 " !	00% Nov. 51 (0%)	Non-Brain			
02-05 041929889-0005	730 Woodward - 5 - Beige Sheet Flooring 2' x 4' Pattern	Beige Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected			
	730 Woodward - 1 -		20% Cellulose	80% Non fibrage (Other)	None Detected			
02-06 041929889-0006	Beige Sheet Flooring 2' x 4' Pattern	Beige Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected			
03-07	730 Woodward - 7 - Cream Stone Pattern	Beige Fibrous	10% Cellulose	90% Non-fibrous (Other)	None Detected			
041929889-0007	Sheet Flooring	Homogeneous						

Report amended: 10/28/2019 10:05:00 Replaces amended report from: 10/18/2019 08:00:00 Reason Code: Client-Additional Analysis

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

			Non-Asbe	stos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
03-08	730 Woodward - 7 - Cream Stone Pattern Sheet Flooring	Beige Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
03-09	730 Woodward - 7 - Cream Stone Pattern	Beige Fibrous	25% Cellulose 5% Glass	70% Non-fibrous (Other)	None Detected
04-10	Sheet Flooring 730 Woodward - 8 - White 1' x 1' Ceiling	Homogeneous Brown/White Fibrous	90% Cellulose	10% Non-fibrous (Other)	None Detected
941929889-0010	Tile	Homogeneous			
04-11	730 Woodward - 8 - White 1' x 1' Ceiling	Brown/White Fibrous	90% Cellulose	10% Non-fibrous (Other)	None Detected
041929889-0011	Tile	Homogeneous			
)4-12 041929889-0012	730 Woodward - 8 - White 1' x 1' Ceiling Tile	Brown/White Fibrous	90% Cellulose	10% Non-fibrous (Other)	None Detected
	730 Woodward - 8 -	Homogeneous	400/ 0-11-1	OOO/ Nam Sharra (Othern)	Nama Datastad
05-13 041929889-0013	White Sheet Flooring 4" x 4"	White Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
05-14	730 Woodward - 8 - White Sheet Flooring	White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929889-0014	4" x 4"	Homogeneous			
05-15	730 Woodward - 8 - White Sheet Flooring	White Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929889-0015	4" x 4"	Homogeneous		4000/ Non El (Oll)	Non-Bataital
06-16-Floor Tile	730 Woodward - 3 - Off-white Self-stick 12" x 12" Floor Tile	White Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-16-Adhesive	730 Woodward - 3 -	Yellow		100% Non-fibrous (Other)	None Detected
141929889-0016A	Adhesive	Non-Fibrous Homogeneous		10070 Noti historia (Other)	None Beledieu
06-17-Floor Tile	730 Woodward - 3 - Off-white Self-stick	White Fibrous		100% Non-fibrous (Other)	None Detected
041929889-0017	12" x 12" Floor Tile	Homogeneous			
06-17-Adhesive	730 Woodward - 3 - Adhesive	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
41929889-0017A	70014/ 1 1 0	Homogeneous		1000/ 11 51 (01)	
06-18-Floor Tile	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	730 Woodward - 3 - Adhesive	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929889-0018A	, tanosite	Homogeneous			
7-19-Shingle	730 Woodward - Roof - Black Roof Shingles	Black Fibrous	15% Glass	85% Non-fibrous (Other)	None Detected
041929889-0019		Homogeneous			
)7-19-Tar Paper	730 Woodward - Roof - Tar Paper	Black Fibrous	40% Cellulose	60% Non-fibrous (Other)	None Detected
041929889-0019A		Homogeneous			
07-20-Shingle	730 Woodward - Roof - Black Roof Shingles	Black Fibrous	15% Glass	85% Non-fibrous (Other)	None Detected
041929889-0020	70014/ :	Homogeneous	400/ 6 " :	000(1) 5: (0::)	N 5
07-20-Tar Paper 41929889-0020A	730 Woodward - Roof - Tar Paper	Black Fibrous	40% Cellulose	60% Non-fibrous (Other)	None Detected
07-21-Shingle	730 Woodward - Roof - Black Roof Shingles	Homogeneous Black Fibrous	15% Glass	85% Non-fibrous (Other)	None Detected
041929889-0021	- DIACK ROOF STIFFIGES	Homogeneous			

Report amended: 10/28/2019 10:05:00 Replaces amended report from: 10/18/2019 08:00:00 Reason Code: Client-Additional Analysis



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

			Non-Asbe	estos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
07-21-Tar Paper	730 Woodward - Roof - Tar Paper	Black Fibrous	40% Cellulose	60% Non-fibrous (Other)	None Detected
041929889-0021A	·	Homogeneous			
08-22	730 Woodward -	White		100% Non-fibrous (Other)	None Detected
	Exterior - White	Non-Fibrous			
041929889-0022	Window Glazing	Homogeneous			
08-23	730 Woodward -	White		100% Non-fibrous (Other)	None Detected
	Exterior - White	Non-Fibrous		` ,	
041929889-0023	Window Glazing	Homogeneous			
08-24	730 Woodward -	White		100% Non-fibrous (Other)	None Detected
	Exterior - White	Non-Fibrous		,	
041929889-0024	Window Glazing	Homogeneous			

Analyst(s)

Jose Sanchez (11) Kelly Thomas (22) Seri Smith (3) Samantha Runghtono

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 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

OrderID: 041929889



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041029849

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson NJ 08077

Clig PHONE: 1-800-220-3675

CFAX: (856) 786-5974

Company: Terracon			H										
Street: 524 Elmwood Park Boulev	ard Suite 170		Third Part	y Billing requires w	ritten autho	rization from third party							
City: New Orleans	State/Province: LA	Zip	Postal Cod	le: 70123 '	Count	try: US							
Report To (Name): Steven Latiolais	5	Tel	Telephone #: 504-818-3638										
Email Address: steven.latiolais@	terracon.com	Fax	Fax #: Purchase Order:										
Street 524 Elmwood Park Boulevard Suite 170 Third Party Billing requires written authorization from third party													
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☐ NIOSH 9002 (<1%)		☐ TE	M Qualitativ	e via Filtration Pr	ep Techni	que							
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Page 1 of ____ pages

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OrderID: 041929889

Asbestos Bulk Sample Log & Chain o. eusto

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04 1929 849

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

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	Lab Use Only:	
Select a Laboratory:		

Lab Location:

Page_

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OrderID: 041929889

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

Asbestos Bulk Sample Log & Charles f Custody Form

041929all

Lab Use Only:

Select a Laboratory:

Lab Location: Page __

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APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of HA-01: White wallboard with joint compound and texture.



View of HA-03: Cream stone pattern sheet flooring.



View of HA-02: Beige sheet flooring with 2"x4" pattern.



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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Control		
Air Emissions	Malerin		ALC POST WARRING	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Aisenic	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	AIHA	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

Th. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

Non rotable water				
Analyte	Method Name	Method Code	Туре	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 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4 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		
1090 - Manganese	EPA 200.8, Rev.5.4 EPA 200.8, Rev.5.4		NELAP	NJ
1100 - Molybdenum	· ·	10014605	NELAP	NJ
•	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

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.707.007.704			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP NELAP	NJ 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		A ne	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
i 090 - Manganese	EPA 6020B	10156420	NELAP	NJ
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

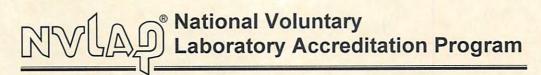
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 Verifica	ation 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 tripped, 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	s below established thresholds, and no ACM will be removed, use Asbestos				
Notification of Demolition (Negative Declaration) Form AAC					
condition (or health hazard), equipmer	able only for a sudden, unexpected event that would cause an unsafe at damage, or would pose an unreasonable financial burden, per LAC stify 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 n RACM per operation (indicate total volume in Section	on-scheduled operations for repair or maintenance less than 1 Cubic Yard of 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	Project Designer Info (schools, state, public or commercial buildings)				
Physical Address 730 Woodard Street	Name				
City Alexandria State LA Zip 71301	LA Accred. No.				
Parish Rapides	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 Structure will be razed.				
Mailing Address	Drocont C				
City State Zip	Present ☐ School ☐ State Bldg. ☐ Public/Commercial Use ☐ Residential ☐ Industrial ☐ Installation ☐ Other Blighted structure				
Contact Phone ()	<u>-</u>				
Contact Email	Prior School State Bldg. Public/Commercial Use Residential Industrial Installation				
	Other				

IV. Determ	ination of	Asbestos Present	Asbest comme	os Determ ercial labor	ined to be P	resent Per accredited u	Inspecti	on and/or Lab	terials are ACM) Analysis from a 3, Chapters 47-57; (if	
Inspector's Name Steven Latiolais					Accredited Lab Name <u>E</u>			EMSL, Cinnaminson, NJ		
Inspector's Acc	cred. No.	MI200658			Lab Accre	d. No.	131900			
Inspection Date	e .	10/10/2019	(m	m/dd/yy)	Analysis D	oate	10/28/	/2019	(mm/dd/yy)	
	_	lytical method, if approplace of asbestos material	riate, P —	LM – EPA	600					
Attach the foll	owing cop	ies: • Signature page o	_	_	-		dicated ((above)		
	-	of Demolition and Renovents if inspection or lab an				ated Debris A	Activity	Form AAC-2(a)	will not be processed	
V. Approxi	mate Amo	ount of Asbestos								
Removal Time	s (check ap	oplicable times)	B	Business Ho	ours	After Hours		Weekends	Holidays	
		Mate	rial to b	e Remove	d		No	_	CM <u>Not</u> to be Removed lition (if applicable)	
		RACM			CAT I/CAT II			CAT I/CAT II		
Type of Asbestos Material	-	Ceiling roofing VAT Wallboard texture] 	VAT Piping Other		Transite Mastic		VAT Mastic Other	Asphalt Roofing	
Amount of Asbestos Material	1,000 *ACD = A	Linear Feet Square Feet RACM Cubic Yard ACD* Cubic Yard sbestos-contaminated D	ebris		Linear F Square ACM Cu		-	So	inear Feet quare Feet CM Cubic Yard	
Asbestos Remo Contractor's N LA Contractor's	oval ame [‡] s License N	Contractor Information			On-site Sup	ervisor's Acc	red. No.		(mm/dd/yy)	
City		State	Zip		Contact Nar	ne				
Phone ()		[‡] A.I. No			Contact Ema	ail				
VII. Other O	perator/D	emolition Contractor (se	e XVI to	add addi	tional contra	ctors or oth	er infori	mation)		
Contractor Nar	me				Contact Nar	ne				
Mailing Addres	ss				Contact Ema	ail				
City State Zip				Contact Pho	ne <u>(</u>)				

VIII. Scheduled Dates for Asbestos Removal or Activities that May Action, or ACDA	Disturb Asbestos Material in a Demolition, Renovation, Response
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	Contact Email
Mailing Address	Contact Phone ()
City State Zip	
XI. Provide the following if RACM/ACD is taken to Non-processin SW Transporter Name	Physical Location of Non- processing Transfer Station
LDEQ SW Transporter No	
Mailing Address City State 7in	
City State Zip	Contact Email Contact Phone ()
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si RAL Name Physical Address City State Zip	Contact Name Contact Phone ()
RAL Name Physical Address	Contact Name Contact Phone ()
RAL Name Physical Address	Contact Name
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if y Gov't Agency Representative Name Representative's Title Demolition Program Manager	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if y Gov't Agency Representative Name Representative's Title Demolition Program Manager	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if y Gov't Agency Representative Name Representative's Title Demolition Program Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos	Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017 Contaminated Debris Activity Form AAC-2(a) will not be processed
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Representative's Title Demolition Program Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for each of the state of th	Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017 Contaminated Debris Activity Form AAC-2(a) will not be processed
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Program Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for e Attach additional pages, if necessary.	Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017 Contaminated Debris Activity Form AAC-2(a) will not be processed mergency event indicated by checked "Emergency" box on page 1.) Time of Emergency

-	now event would cause an unsafe condition (health hazard), equipment or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)
	anned Demolition, Renovation Work, Response Action, or ACDA ion of activity including techniques of removal and facility components
-	ion of work practices & engineering controls including removal and waste handling emission control procedures
	procedures to be followed in the event unexpected RACM is CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)
	pmments Provide any additional comments /information relevant to this notification (EX: name and number for Air earance Sampler, if known)
assumed with LAC	ion, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or to be present above the established thresholds as described in this notification are required to be conducted in accordance 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 <i>Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)</i> is a violation of LAC 33:III.5151.
Printe	ed 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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,



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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.

2518 Wise Street - Tennie Construction, Rehab Permit issued. 10)

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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner			
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.

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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.

Property Address	Property Owner
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

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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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

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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:

Property Owner
Page Livingston
Bakies Properties, LLC
Jerry Pearson
Alpha Capital/BMO Harris
Alice Hammond
Frank R. Bordelon
Agnes Wallace
Jerry Johnson
Colonial Financial Service Inc
Walter Reynolds

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Ryland

1326 Charlton Street

3925 Clinton Street

1117 Cole Street

1119 Cole Street

2027 East Texas Avenue

56 Eastwood Boulevard

1204 Fenner Street

4517 Futrell Street

405 Gabriel Lane

3008 Houston Street

3149 Houston Street

3305 Hudson Boulevard

3331 Hudson Boulevard

311 John Thomas Street

5503 Jube Street

3520 Laurel Street

717 Leland Street

4206 Lincoln Road

2533 Main Street

116 Mary Lane

314 Marye Court

2008 Mason Street

2219 Mill Street

208 1/2 North 13th Street

2803 Overton Street

Elsie H. Ryland

Henry Joffrion

Leontina Dauzat

Leontina Dauzat

Midwest Management

Tri Brewer

Don Thompson

Willie M. Pickens

Shirley Johnson

Willie Wilson

Savannah Webber

Delwin Eldridge

Rodney Taylor

Thomas Farace

Michael Tennie

Donald Medica

Henry Weekly

Lillian Davis

Washington Bush

Bakies Properties, LLC

Kylie R. Larwood

McErvin Howard, Sr. EST

Dominic Robinson

Jerry Larwood

Jerry & Rhonda Hughes

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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

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3003 Bessie Morris

Ivory Grant

Jacqulin Freeman

Rex H. Countee

Lucy B. Russaw

Virginia Harvey

Lucille Green

Pharrow Perkins

Rosa M. McCoy

Russell J. Walker

Louis H. Taylor/Frankie Mae Hall

Carrie C. Small

Lucille Taffaro

The Money Shack, LLC

Herman Davis Burrell

Rosemary Dauzart

Jerry Larwood

Mary Cataldie

Thomas J. Atkins

Gertrude Quinney

Bessie M. Vallery

Joyce R.F. Sandifer

Everett Hobbs

Sir Welton Hobbs

Harry C. Robinson

1321 Fenner Street

3611 Hollywood Drive

2828 Houston Street

1510 Huffman Street

3201 Hudson Boulevard

1512 Huffman Street

821 John Thomas

2145 Lee Street

604 Leonard Street

1904 Levin Street

1912 Levin Street

2636 Main Street

2716 Main Street

316 Marye Court

2054 Mason Street

2095 Mason Street

209 North 15th Street

2040 Overton Street

2069 Overton Street

2213 Overton Street

2217 Overton Street

2332 Overton Street

2437 Overton Street

2441 Overton Street

2608 Overton Street

OK PAGE

3003 554

2720 Overton Street

20 Overton Street

921 Railroad Avenue

504 Scallan Street

2430 Paris 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 HERERY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND COPRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF

DAY OF

DY, CLERK OF COURT

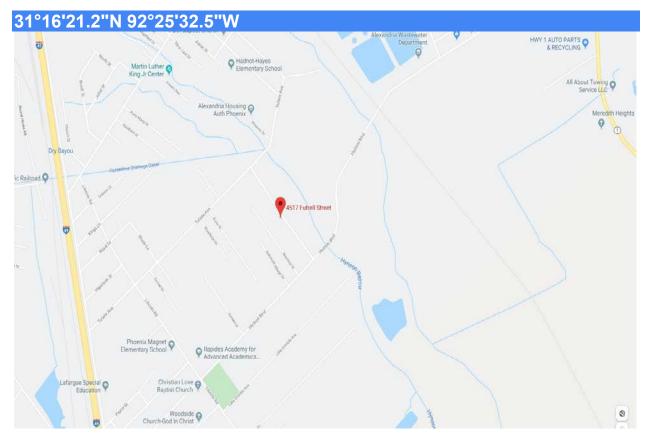
CD-12790 4517 Futrell Street











Residential Structure (CD12790) 4517 Futrell Street Alexandria, Louisiana

> November 7, 2019 Terracon Project No. BB197056



Prepared for:

Community Development Department Alexandria, Louisiana

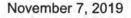
Prepared by:

Terracon Consultants, Inc. Shreveport, Louisiana

terracon.com



Environmental Facilities Geotechnical Materials





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

Attn: Ms. Kenna Lavalais

Asbestos Survey Report Re:

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.

Steven Latiolais

Staff Industrial Hygienist

Senior Engineer

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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 (Al#: 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.

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 (Al#: 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.

4517 Futrell Street ■ Alexandria, Louisiana

November 7, 2019 Terracon Project No. BB197056



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

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

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 asbestoscontaining 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.

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

НА	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

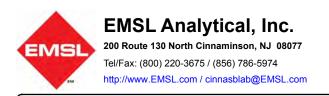
^{* =} Not confirmed via 400 Point Count, therefore ACM.

RACM = Regulated ACM

TABLE 2.0 ASBESTOS SURVEY SAMPLE SUMMARY 4517 Futrell Street Alexandria, Louisiana

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	01-01	Black vapor barrier	Throughout	Significantly Damaged	None Detected
01	01-02				None Detected
	01-03			Damagou	None Detected
	02-04	Gray blown in insulation	Throughout	Significantly — Damaged —	None Detected
02	02-05				None Detected
	02-06				None Detected
	03-07		2	Significantly — Damaged —	20% Chrysotile
03	03-08	Multi-colored sheet flooring			Not Analyzed (Positive Stop)
	03-09			Damageu	Not Analyzed (Positive Stop)
	04-10		Roof	Significantly — Damaged —	None Detected
04	04-11	Black roofing shingles			None Detected
	04-12				None Detected
	05-13		All windows	Significantly — Damaged —	<1% Chrysotile
05	05-14	White window glazing			<1% Chrysotile
	05-15			Damageu	<1% Chrysotile

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

EMSL Order: 041929877 Customer ID: TCNL25 Customer PO: BB197056

Project ID:

Phone: (504) 818-3638

Fax:

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

Analysis Date: 10/19/2019 **Collected Date**: 10/10/2019

New Orleans, LA 70123 **Project:** 4517 Futrell - BB197056

Attention: Steven Latiolais

Ste. 170

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

		Non-Asbestos			<u>Asbestos</u>	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type	
01-01	4517 Futrell - 1 - Black Vapor Barrier	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected	
01-02	4517 Futrell - Ext - Black Vapor Barrier	Black Fibrous	70% Cellulose	30% Non-fibrous (Other)	None Detected	
01-03	4517 Futrell - Ext -	Homogeneous Black	70% Cellulose	30% Non-fibrous (Other)	None Detected	
041929877-0003	Black Vapor Barrier	Fibrous Homogeneous				
)2-04	4517 Futrell - 1 - Gray Blown-in Insulation	Gray Fibrous	5% Cellulose 90% Min. Wool	5% Non-fibrous (Other)	None Detected	
041929877-0004	Blown-III IIIsulation	Homogeneous	90 % WIIII. WOOI			
02-05	4517 Futrell - 2 - Gray Blown-in Insulation	Gray Fibrous	5% Cellulose 90% Min. Wool	5% Non-fibrous (Other)	None Detected	
041929877-0005	4547 Futually 0 Occur	Homogeneous	000/ Mira Mara I	400/ New Shares (Others)	None Detected	
02-06	4517 Futrell - 3 - Gray Blown-in Insulation	Gray Fibrous Homogeneous	90% Min. Wool	10% Non-fibrous (Other)	None Detected	
03-07	4517 Futrell - 2 - Multicolored Sheet	Various Fibrous		80% Non-fibrous (Other)	20% Chrysotile	
041929877-0007	Flooring	Homogeneous				
03-08	4517 Futrell - 2 - Multicolored Sheet				Positive Stop (Not Analyzed)	
041929877-0008	Flooring					
03-09	4517 Futrell - 2 - Multicolored Sheet				Positive Stop (Not Analyzed)	
041929877-0009	Flooring	District	000/ 01	OOM New Stewarts (Others)	None Betested	
04-10	4517 Futrell - Roof - Black Roof Shingles	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected	
04-11	4517 Futrell - Roof - Black Roof Shingles	Black Fibrous	20% Glass	80% Non-fibrous (Other)	None Detected	
041929877-0011	Didok Roof Offingios	Homogeneous				
04-12	4517 Futrell - Roof - Black Roof Shingles	Black Fibrous	20% Glass	80% Non-fibrous (Other)	None Detected	
041929877-0012		Homogeneous				
05-13	4517 Futrell - Ext - White Window	Tan/White Non-Fibrous		100% Non-fibrous (Other)	<1% Chrysotile	
041929877-0013	Glazing	Homogeneous				
05-14	4517 Futrell - Ext - White Window	White Non-Fibrous		100% Non-fibrous (Other)	<1% Chrysotile	
041929877-0014	Glazing	Homogeneous				
05-15	4517 Futrell - Ext - White Window	White Non-Fibrous		100% Non-fibrous (Other)	<1% Chrysotile	
041929877-0015	Glazing	Homogeneous				

Initial report from: 10/19/2019 16:13:45



EMSL Order: 041929877
Customer ID: TCNL25
Customer PO: BB197056

Project ID:

Analyst(s)

Christina Maiorana (9) Gregory Barry (4) Semantha Kinghum

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):

C) 4 1929 477

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson, NJ 08077 PHONE: 1-800-220-3675 FAX: (856) 786-5974

Company: Terracon				EMSL-Bill to: ☐ Same ☑ 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 C	Orleans		State/Province: LA	Zip/Postal Code	e: 70123	Country: US	-		
Report To (Name):	Steven Latiolai	S	Telephone #: 50	04-818-3638		_		
Email Address: steven.latiolais@terracon.com				Fax #: Purchase Order:					
Project Name/Number: 4517 Futrell/BB197056				Please Provide Results: Fax Email Mail					
U.S. State S	Samples	Taken: LA				xable 🔲 Residential/T	ax Exempt		
T-7011-111	1.0-		Turnaround Time (T			1000	O Maria		
3 Hour	3 hr throu	6 Hour	24 Hour 48 Hour ehead to schedule.*There is a p		U 96 Hour	PA Level II TAT. You will be	2 Week asked to sign		
an au	thorization	form for this servic	e. Analysis completed in accor	dance with EMSL's Tem	ns and Conditions log	cated in the Analytical Price G	Guid <u>e.</u>		
r izo		1 - Bulk (reporti	ng limit)	<u> </u>	<u> TEM -</u>		<u>-</u>		
		93/116 (<1%)				1116 Section 2.5.5.1			
☐ PLM EP/			00 / 40 40()	NY ELAP Meth		45.4	•		
		(<0.25%) 100	0.25%)	Chatfield Protoc		3/116 Section 2.5.5.2			
			3.23%) [] 1000 (<0.1%)						
☐ NIOSH S		<u>%)</u> d 198.1 (friable i	n NIV\		☐ TEM Qualitative via Filtration Prep Technique ☐ TEM Qualitative via Drop Mount Prep Technique				
1 -		d 198.6 NOB (no			Oth				
OSHA II									
Standar							1		
☑ Check F	or Posit	ive Stop – Clea	rly Identify Homogenous	Group Date San	npled: 10/10	1.69			
Samplers Name: Steven Latiblais				Samplers Signature:					
				'	deterial Deservation				
oampie#	пея		Samble Location		I . N	naterial Describtion			
Sample #	пет		Sample Location			Material Description			
Sample #	ПАП	Dease	Sec atta	rehd.		naterial Description			
Sample #	ПАЯ	Please		achd.		naterial Description			
Sample #	na #	Please		achd.		naterial Description	20		
Sample #	ПАТ	Please		achd.	1	naterial Description	26.0		
Sample #	ne r	Please		achd.	1	naterial Description	76 lo		
Sample #	ne #	Please		achd.	1	naterial Description	CIMITAM		
Sample #	ne #	Please		achd.	1	1 130 8103	CHIRAMIN		
Sample #	DRT	Please		achd.	1	Description	NECELVI EMS EMS WINNER		
Sample #	DAT	Please		achd.		1 130 8103	CIMILAM WSON,)		
Sample #	DRT	Please		achd.		1 130 8103	- 21 / //		
Sample #	DAT	Please		achd,		1 130 8103	- 21 / //		
Sample #	DAT	Please		achd,		1 130 6103	- 21 / //		
				achd,		Alt 9:38	- 21 / //		
Client Samp	ple # (s)		See att		Total # c	of Samples: (5)	OH, H. J.		
Client Samp	ple # (s)		See atto	te: (0/10	Total # 0	of Samples:	- 21 / //		
Client Samp Relinquisher Received (L	ple # (s) ed (Clier ab):		See att	te: (0/10	Total # c	of Samples: (5)	OH, H. J.		

2

041929877 G 0 SO **3** e D (8) (as/ Condition1 S S Δ G Sold October 10 Select a Laboratory: 500 807 **Estimated** Quantity AM 9: 38 HA General Location Theorybut Lab Use Only: Victors Theory Kool Lab Location: C41920170 Dray Blow In Insulation Multholored Strettloaks HA Description (Color, Dimensions, Descriptor, then Type) stody Form Shite Window Colaring Black Vapor Bacciac - Roof Black Hool Shingles New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638 Asbestos Bulk Sample Log & Chain 天子 tutre 11-1 3 USI Fatherl Sample Location ler acon Sample Number 100č ⊇ P1-03 01- hy 12-05 3-67 03-09 20-00 13-08 ひこ 75. 7

APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of HA-01: Black vapor barrier.



View of HA-03: Multi-colored sheet flooring .



View of HA-02: Gray blown in insulation.



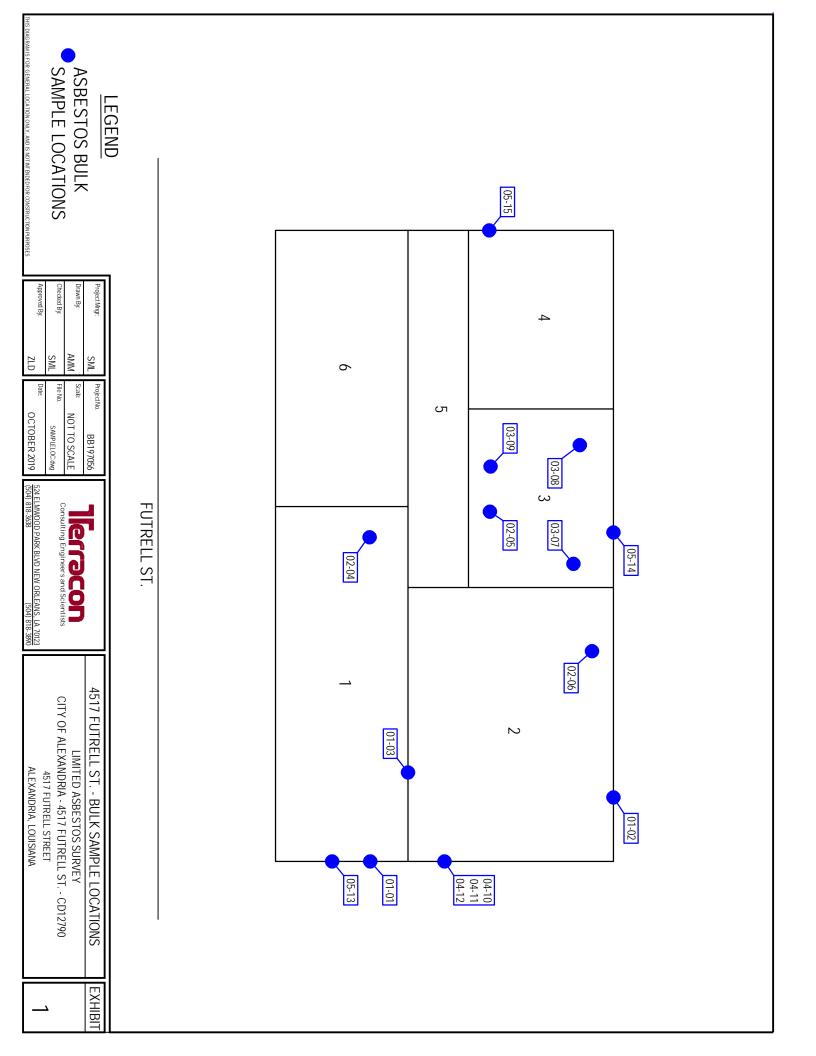
View of HA-04: Black roofing shingles.





View of HA-05: White window glazing.

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.

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, of 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 200

Effective Date: July 1, 2019

Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

Air Emissions		i Later III in		
Analyte	Method Name	Method Code	Туре	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	EMSL SOP M005	2887	AIHA	LA
Samples				
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 1150 - Silver	NIOSH 7300	90012401	AIHA	LA
	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium 1175 - Tin	NIOSH 7300	90012401	AIHA	LA
	NIOSH 7300	90012401	Alha	LA
1180 - Titanium 1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Tungsten 1185 - Vanadium	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium 1190 - Zinc	NIOSH 7300	90012401	Alha	LA
	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

B. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium					
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
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1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ		•			
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1185 - Vanadium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1190 - Zinc EPA 200.8, Rev.5.4 10014605 NELAP NJ		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.707.007.704			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A ne	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
i 090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	101 56420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1 175 - Tin	EPA 6020B	10156420	NELAP	NJ
l 180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
l 190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize Microscopy	d Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

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.

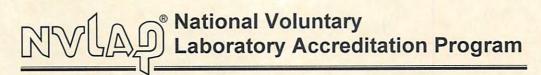
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 Verifica	tion 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.				
Notification of Demolition (Negative Declaration) Form AAC Emergency Note: Emergency notification is allowated condition (or health hazard), equipmen	below established thresholds, and no ACM will be removed, use Asbestos -2(b). ble only for a sudden, unexpected event that would cause an unsafe t damage, or would pose an unreasonable financial burden, per LAC stify 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 no RACM per operation (indicate total volume in Section	on-scheduled operations for repair or maintenance less than 1 Cubic Yard of V as bin size).			
II. Type of Operation (check only one box) ☐ Reno & Demo (ACM or RACM removal & subsequent or RACM Demo (entire structure treated as RACM) Is structure being demolished under order of a state or local graduates.	Response Action (schools, state, public or commercial bldgs.)			
III. Facility Description Facility Name Residential Structure	Project Designer Info (schools, state, public or commercial buildings)			
Physical Address 4517 Futrell Street	Name			
City Alexandria State LA Zip 71301	LA Accred. No.			
Parish Rapides	Building Size (sq. ft.) 850			
Owner Name	No. Floors 1 Age of Building (Yrs) Unknown			
Contact Name	Location on site (Bldg, Floor, Room, etc.) where work is done Structure will be razed.			
Mailing Address	Present School State Bldg. Public/Commercial			
City State Zip	Use Residential Industrial Installation Other Blighted structure			
Contact Phone () Contact Email	Prior School State Bldg. Public/Commercial Use 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 Na	me	Steven Latiolais		Accredited Lab Name	EMSL, Cinnaminson, N	J
Inspector's Acc	cred. No.	MI200658		Lab Accred. No.	131900	
Inspection Date	e .	10/10/2019	(mm/dd/yy)	Analysis Date	10/19/2019	(mm/dd/yy)
	_	lytical method, if approprince of asbestos material	iate, PLM – EPA	600		
Attach the foll	owing cop	ies: • Signature page o • Lab Analysis Rep		ort for inspection date inc late indicated (above)	dicated (above)	
		of Demolition and Renove nts if inspection or lab an			Activity Form AAC-2(a) \	will not be processed
V. Approxi	mate Amo	ount of Asbestos				
Removal Time	s (check ap	oplicable times)	Business H	ours After Hours	Weekends	Holidays
		Materi	ial to be Remove	d	_	M <u>Not</u> to be Removed tion (if applicable)
		RACM		CAT I/CAT II	CAT	I/CAT II
Type of Asbestos Material	TSI Firepi Other	Ceiling VAT	VAT Piping Other	☐ Transite☐ Mastic	VAT Mastic Other	Asphalt Roofing
Amount of Asbestos Material	*ACD = A	Linear Feet Square Feet RACM Cubic Yard ACD* Cubic Yard asbestos-contaminated De	bris	Linear Feet Square Feet ACM Cubic Yard	Sq	near Feet uare Feet IM Cubic Yard
VI. Asbestos Removal Contractor Information for RACM/ACD Asbestos Removal On-site Contractor's Name [‡] Supervisor's Name LA Contractor's License No. On-site Supervisor's Accred. No.						
Mailing Addres	SS			Supervisor's Accred. Exp	ir. Date	(mm/dd/yy)
City		State Z	ip	Contact Name		
Phone ()						
VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)						
Contractor Name			Contact Name			
Mailing Addres	SS	· · · · · · · · · · · · · · · · · · ·		Contact Email	·	
City			/ip	Contact Phone ()	

VIII. Scheduled Dates for Asbestos Removal or Activities that May Action, or ACDA	Disturb Asbestos Material in a Demolition, Renovation, Response
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	Contact Email
Mailing Address	Contact Phone ()
City State Zip	
XI. Provide the following if RACM/ACD is taken to Non-processing	•
SW Transporter Name	Physical Location of Non- processing Transfer Station
LDEQ SW Transporter No	City State Zip
Mailing Address	Contact Name
City State Zip	Contact Email
	Contact Phone ()
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	te 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 [I]
Gov't Agency Representative Name Kenna Lavalais	City of Alexandria, LA 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 NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment.	•
XIV. Emergency Renovations Involving RACM (Complete only for e Attach additional pages, if necessary.	mergency event indicated by checked "Emergency" box on page 1.)
Date of Emergency(mm/dd/yy)	Time of Emergency
Describe the sudden, unexpected event requiring immediate attention	on

-	n how event would cause an unsafe condition (health hazard), equipment e, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)
XV. F	Planned Demolition, Renovation Work, Response Action, or ACDA
Descrip	otion of activity including techniques of removal and facility components
	otion of work practices & engineering controls including os removal and waste handling emission control procedures
	pe procedures to be followed in the event unexpected RACM is or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)
	Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)
I certify Demoli assume	Certification y under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), ition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or ed to be present above the established thresholds as described in this notification are required to be conducted in accordance AC 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 <i>Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)</i> is a violation of LAC 33:III.5151.
Print	ted 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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,



PAGE 3003 51.7

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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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.

3003 548

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.

Property Address	Property Owner		
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

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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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

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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:

Property Owner		
Page Livingston		
Bakies Properties, LLC		
Jerry Pearson		
Alpha Capital/BMO Harris		
Alice Hammond		
Frank R. Bordelon		
Agnes Wallace		
Jerry Johnson		
Colonial Financial Service Inc		
Walter Reynolds		

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Ryland

1326 Charlton Street

3925 Clinton Street

1117 Cole Street

1119 Cole Street

2027 East Texas Avenue

56 Eastwood Boulevard

1204 Fenner Street

4517 Futrell Street

405 Gabriel Lane

3008 Houston Street

3149 Houston Street

3305 Hudson Boulevard

3331 Hudson Boulevard

311 John Thomas Street

5503 Jube Street

3520 Laurel Street

717 Leland Street

4206 Lincoln Road

2533 Main Street

116 Mary Lane

314 Marye Court

2008 Mason Street

2219 Mill Street

208 1/2 North 13th Street

2803 Overton Street

Elsie H. Ryland

Henry Joffrion

Leontina Dauzat

Leontina Dauzat

Midwest Management

Tri Brewer

Don Thompson

Willie M. Pickens

Shirley Johnson

Willie Wilson

Savannah Webber

Delwin Eldridge

Rodney Taylor

Thomas Farace

Michael Tennie

Donald Medica

Henry Weekly

Lillian Davis

Washington Bush

Bakies Properties, LLC

Kylie R. Larwood

McErvin Howard, Sr. EST

Dominic Robinson

Jerry Larwood

Jerry & Rhonda Hughes

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2426 Paris Street	et 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		

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3003 Bessie Morris

Ivory Grant

Jacqulin Freeman

Rex H. Countee

Lucy B. Russaw

Virginia Harvey

Lucille Green

Pharrow Perkins

Rosa M. McCoy

Russell J. Walker

Louis H. Taylor/Frankie Mae Hall

Carrie C. Small

Lucille Taffaro

The Money Shack, LLC

Herman Davis Burrell

Rosemary Dauzart

Jerry Larwood

Mary Cataldie

Thomas J. Atkins

Gertrude Quinney

Bessie M. Vallery

Joyce R.F. Sandifer

Everett Hobbs

Sir Welton Hobbs

Harry C. Robinson

1321 Fenner Street

3611 Hollywood Drive

2828 Houston Street

1510 Huffman Street

3201 Hudson Boulevard

1512 Huffman Street

821 John Thomas

2145 Lee Street

604 Leonard Street

1904 Levin Street

1912 Levin Street

2636 Main Street

2716 Main Street

316 Marye Court

2054 Mason Street

2095 Mason Street

209 North 15th Street

2040 Overton Street

2069 Overton Street

2213 Overton Street

2217 Overton Street

2332 Overton Street

2437 Overton Street

2441 Overton Street

2608 Overton Street

OK PAGE

3003 554

2720 Overton Street

20 Overton Street

921 Railroad Avenue

504 Scallan Street

2430 Paris 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 HERERY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND COPRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF

DAY OF

DY, CLERK OF COURT

CD-12667 4708 Garden Street











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



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

Senior Engineer

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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 (Al#: 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.

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 (Al#: 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.

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.

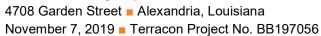
4.0 REGULATORY OVERVIEW

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





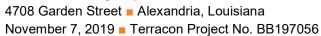
performance of asbestos surveys, the development of management plans and response actions, asbestos project design, the collection or analysis of asbestos samples, monitoring for airborne asbestos or any other activity required to be accredited under Louisiana Department of Environmental Quality Chapter 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





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 asbestoscontaining until sampling and analysis can prove otherwise.

Asbestos Survey Report





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

НА	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

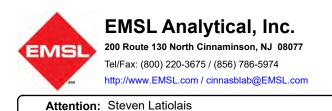
TABLE 2.0 ASBESTOS SURVEY SAMPLE SUMMARY 4708 Garden Street Alexandria, Louisiana

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	01-01	Black sleeper tar underneath			None Detected
01	01-02	wooden floors	Throughout	Good	None Detected
	01-03		wooden noors		None Detected
	02-04				Wallboard – None Detected Joint Compound – 2% Chrysotile Texture – 2% Chrysotile Composite – <1%
02	02-05	White wallboard with joint compound and texture	Throughout	Damaged	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%
	03-07				Flooring – None Detected Fiber Backing – 60% Chrysotile
03	03-08	Yellow sheet flooring with fiber backing	5	Significantly Damaged	Flooring – None Detected Fiber Backing – Not Analyzed (Positive Stop)
	03-09			Flooring – None Detected Fiber Backing – Not Analyzed (Positive Stop)	
	04-10			Significantly	None Detected
04	04-11	Brown blown in insulation	Throughout	Damaged	None Detected
	04-12			255554	None Detected

TABLE 2.0 cont. ASBESTOS SURVEY SAMPLE SUMMARY 4708 Garden Street Alexandria, Louisiana

НА	Sample Number	Material Description	Material Location	Condition	Lab Results	
	05-13			Cignificantly	None Detected	
05	05-14	White 1'x1' ceiling tiles	6, 7	Significantly Damaged	None Detected	
	05-15		·		None Detected	
	06-16			Cignificantly	65% Chrysotile	
06	06-17	White heat shield	12	Significantly Damaged	Not Analyzed (Positive Stop)	
	06-18			Damageu	Not Analyzed (Positive Stop)	
	07-19				Tile – None Detected	
	07-19	Light brown 12"x12" floor tile			Glue – None Detected	
07	07-20		Light brown 12"x12" floor tile	•	1	Significantly
07	07-20	with yellow glue	'	Damaged	Glue – None Detected	
	07-21				Tile – None Detected	
	07-21				Glue – None Detected	
	08-22				Shingle – None Detected	
	00-22				Felt – None Detected	
08	08-23	Black roof shingles and felt	hingles and felt Roof	Damaged	Shingle – None Detected	
	00-25	paper	11001	Damaged	Felt – None Detected	
	08-24				Shingle – None Detected	
	00-Z-4				Felt – None Detected	

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

EMSL Order: 041929883 Customer ID: TCNL25 Customer PO: BB197056

Project ID:

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

New Orleans, LA 70123 **Project:** 4708 Garden - BB197056

Ste. 170

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

			Non-Asbe	<u>stos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% 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	4708 Garden - 4 - Black Sleeper Tar underneath Wood Floors	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-03	4708 Garden - 9 - Black Sleeper Tar underneath Wood Floors	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04-Wallboard	4708 Garden - 14 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
02-04-Joint Compound	4708 Garden - 14 - Joint Compound	White Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
02-04-Texture	4708 Garden - 14 - Texture	White Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
02-04-Composite	4708 Garden - 14 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
02-05-Wallboard	4708 Garden - 2 - White Wallboard	Brown/White Fibrous Homogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
02-05-Joint Compound	4708 Garden - 2 - Joint Compound	J			Positive Stop (Not Analyzed)
02-05-Texture	4708 Garden - 2 - Texture				Positive Stop (Not Analyzed)
041929883-0005B 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	4708 Garden - 9 - White Wallboard	Brown/White Fibrous Homogeneous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
02-06-Joint Compound	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	4708 Garden - 9 - White Wallboard / Joint Compound	Brown/Tan/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
UT 1323003-0000C	John Compound	i isterogeneous			

Report amended: 10/28/2019 10:05:00 Replaces amended report from: 10/18/2019 07:58:00 Reason Code: Client-Additional Analysis

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

			Non-Asbes	<u>stos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
03-07-Sheet Flooring	4708 Garden - 5 - Yellow Sheet Flooring	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929883-0007	4700 0 5	Homogeneous		400/ No. 51 (Oll)	000/ 01
03-07-Backing	4708 Garden - 5 - Fiber Backing	Gray Fibrous		40% Non-fibrous (Other)	60% Chrysotile
041929883-0007A		Homogeneous			
03-07-Mastic	4708 Garden - 5 - Black Mastic				Insufficient Material
041929883-0007B					
03-08-Sheet Flooring	4708 Garden - 5 - Yellow Sheet Flooring	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929883-0008		Homogeneous			
03-08-Backing	4708 Garden - 5 - Fiber Backing				Positive Stop (Not Analyzed)
041929883-0008A					
03-08-Mastic	4708 Garden - 5 - Black Mastic				Insufficient Material
041929883-0008B					
03-09-Sheet Flooring	4708 Garden - 5 - Yellow Sheet Flooring	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929883-0009		Homogeneous			
03-09-Backing	4708 Garden - 5 - Fiber Backing				Positive Stop (Not Analyzed)
041929883-0009A					
03-09-Mastic	4708 Garden - 5 - Black Mastic				Insufficient Material
041929883-0009B					
04-10	4708 Garden - 3 - White Blown-in	White Fibrous	90% Glass	10% Non-fibrous (Other)	None Detected
041929883-0010	Insulation	Homogeneous			
04-11	4708 Garden - 9 - White Blown-in	White Fibrous	90% Glass	10% Non-fibrous (Other)	None Detected
041929883-0011	Insulation	Homogeneous			
04-12	4708 Garden - 7 - White Blown-in	White Fibrous	90% Glass	10% Non-fibrous (Other)	None Detected
041929883-0012	Insulation	Homogeneous			
05-13	4708 Garden - 7 - White 1' x 1' Ceiling	Brown/White Fibrous	85% Cellulose	15% Non-fibrous (Other)	None Detected
041929883-0013	Tiles	Homogeneous			
05-14	4708 Garden - 7 - White 1' x 1' Ceiling	Brown/White Fibrous	90% Cellulose	10% Non-fibrous (Other)	None Detected
041929883-0014	Tiles	Homogeneous			
05-15	4708 Garden - 6 - White 1' x 1' Ceiling	Brown/White Fibrous	90% Cellulose	10% Non-fibrous (Other)	None Detected
041929883-0015	Tiles	Homogeneous			
06-16	4708 Garden - 12 - White Heat Shield	White Fibrous		35% Non-fibrous (Other)	65% Chrysotile
041929883-0016		Homogeneous			
06-17	4708 Garden - 12 - White Heat Shield				Positive Stop (Not Analyzed)
041929883-0017					
06-18	4708 Garden - 12 - White Heat Shield				Positive Stop (Not Analyzed)
041929883-0018					
07-19-Floor Tile	4708 Garden - 1 - Light Brown 12" x 12'	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929883-0019	Floor Tile	Homogeneous			

Report amended: 10/28/2019 10:05:00 Replaces amended report from: 10/18/2019 07:58:00 Reason Code: Client-Additional Analysis



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

			Non-Asbe	stos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
07-19-Glue	4708 Garden - 1 - Yellow Glue	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929883-0019A		Homogeneous			
07-20-Floor Tile	4708 Garden - 1 - Light Brown 12" x 12'	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929883-0020	Floor Tile	Homogeneous			
07-20-Glue	4708 Garden - 1 - Yellow Glue	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929883-0020A		Homogeneous			
07-21-Floor Tile	4708 Garden - 1 - Light Brown 12" x 12' Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
				4000/ N 51 (OII)	
07-21-Glue	4708 Garden - 1 - Yellow Glue	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929883-0021A		Homogeneous			
08-22-Roof Shingle	4708 Garden - Roof - Black Roof Shingle	Black Fibrous	20% Glass	80% Non-fibrous (Other)	None Detected
041929883-0022		Homogeneous			
08-22-Felt Paper	4708 Garden - Roof - Felt Paper	Black Fibrous	60% Cellulose	40% Non-fibrous (Other)	None Detected
041929883-0022A	·	Homogeneous			
08-23-Roof Shingle	4708 Garden - Roof - Black Roof Shingle	Black Fibrous	20% Glass	80% Non-fibrous (Other)	None Detected
041929883-0023	3	Homogeneous			
08-23-Felt Paper	4708 Garden - Roof - Felt Paper	Black Fibrous	60% Cellulose	40% Non-fibrous (Other)	None Detected
041929883-0023A	1 oit i apoi	Homogeneous			
08-24-Roof Shingle	4708 Garden - Roof -	Black Fibrous	20% Glass	80% Non-fibrous (Other)	None Detected
041929883-0024	Black Roof Shingle	Homogeneous			
08-24-Felt Paper	4708 Garden - Roof - Felt Paper	Black Fibrous	70% Cellulose	30% Non-fibrous (Other)	None Detected
041929883-0024A	ι σιτι αρσι	Homogeneous			

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 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



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

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EMSL Anal	lytic
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Cinnaminson, ED CPHOAR: 11-800-1 FAX: (856) 786-5974

Company :	Тегтасо	n			# B	EMSL- Bill to is D	Bill to: S Different note in:	Same Different Structions in Commen	ntiri 9: 35
		od Park Bouleva	rd Suite 170		Third Party	Billing i	requires writte	en authorization fro	m third party_
City: New	Orleans		State/Province: LA	Zip/	Postal Code			Country: US	
Report To	(Name):	Steven Latiolais	· <u> </u>	Tele	phone #: 50	4-818	3-3638		
			1	Fax #: Purchase Order:					
Project Name/Number: 4708 Garden / BB197056									
U.S. State	Samples	Taken: LA		CT S	Samples: 🔲	Comr	nercial/Tax		ntial/Tax Exempt
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3 Hour			24 Hour		72 Hour		96 Hour	1 Week	2 Week
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		- Bulk (reportin	g limit)				<u>TEM I</u>		
		93/116 (<1%)				****	and the same of the same	16 Section 2.5.5	.1
PLM EP					ELAP Metho				
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Point Coun	t w/Gravi	metric 🗌 400 (<0.	25%) 🔲 1000 (<0.1%)	. TE	M % by Mass	s – EP	A 600/R-93/	116 Section 2.5.	5.2
☐ NIOSH	9002 (<1	%)		TEI	M Qualitative	via Fi	Itration Prep	Technique	
☐ NY ELÆ	P Metho	d 198.1 (friable in	NY)	☐ TEI	VI Qualitative	via Dr	rop Mount P	rep Technique	
☐ NY EL	AP Metho	d 198.6 NOB (nor	r-friable-NY)				Othe	<u>er</u>	
OSHA	ID-191 M	odified							
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Check For Positive Stop – Clearly Identify Homogenous G			Group	Date Sam	pled:	10/1	0/19	<u> </u>	
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Comments BillTo; Terracon Attention: Steve	/Special , 524 Elmwoo n Latiolais Ph	Instructions: d Park Boulevard, Suite 17 one: 504-818-3638 Email:		nase Order:		-			-

OS SO e (b) so g D SD Condition¹ RECEIVED EMISON. APTIMSON. @ @ ۵ Select a Laboratury. Throughout 2500 Sona oc Estimated Quantity ODT | toppay 250 000 3 Troughout HA General Location Lab Use Only: Lab Location: 04 M794 1 John Compond + lexten W. Fiber Balling & Ball Morsh White Woss-It Assets shite 1'x1' Ceiling (1)es clow Shut Flooring his Heatshield HA Description $Sl_{lpha}k$ (Color, Dimensions, Descriptor, then Type) ustody Form leeper Tar under neu LIGHT KFOUN 12"XIP" IN. IL Wall bout of Floor Tile W/Killing Ploas New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638 Asbestos Bulk Sample Log & Chain t Ć 4708 Garden Ż Ò 3 4711845achan ſ Sample Location 1 Ter acon 一一 000 90,7, Sample Number 67-19 アーシ 21.) j

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2 Of Page

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New Orleans: 524 El	ilmwood Park Bivd., Ste. 170, Ne		Lab Location:	Page	Jo
Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition
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APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of HA-01: Black sleeper tar underneath wooden floors.



View of HA-03: Yellow sheet flooring with fiber backing.



View of HA-02: White wallboard with joint compound and texture.



View of HA-04: Brown blown in insulation.





View of HA-05: White 1'x1' ceiling tiles.



View of HA-07: Light brown 12"x12" floor tile with yellow glue.

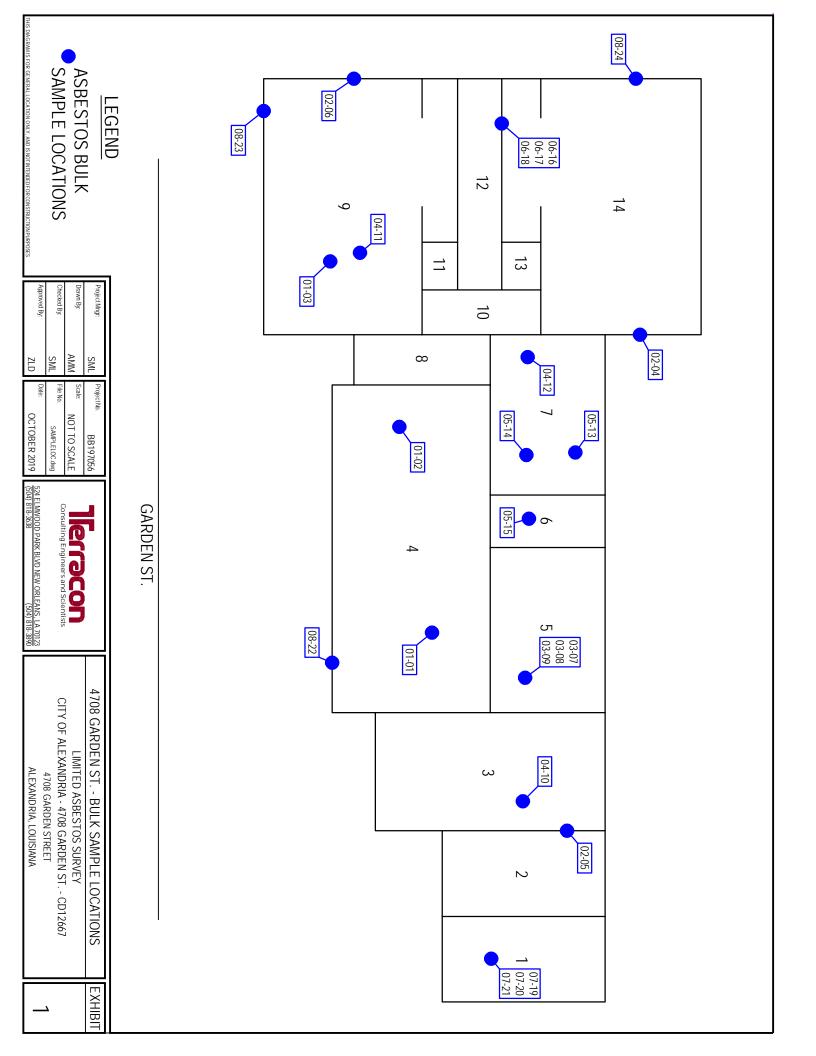


View of HA-06: White heat shield.



View of HA-08: Black roof shingles and felt paper.

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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
Air Emissions	Malerin	W De l'article de	ALO CONTRACTOR OF	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

Th. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

Non rotable water				
Analyte	Method Name	Method Code	Туре	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 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	ИJ
1040 - Chromium	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Head	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4			NJ NJ
1075 - Leau 1085 - Magnesium	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806 10013806	NELAP NELAP	
1090 - Manganese				NJ
1090 - Manganese 1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP NELAD	NJ
	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1 105 - Nickel 1 125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
	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
- U WEAR WARRA WARR 7 A	on solve of signature	2000/001	TAPPLE	143

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials			- K	
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.60. 007.764			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOA1	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT WICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	711111	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP NELAP	NJ 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		A ne	Al Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
i 090 - Manganese	EPA 6020B	10156420	NELAP	NJ
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

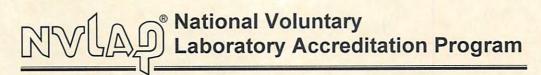
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 Verifica	ation 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	s below established thresholds, and no ACM will be removed, use Asbestos		
Notification of Demolition (Negative Declaration) Form AAC			
condition (or health hazard), equipmer	able only for a sudden, unexpected event that would cause an unsafe of damage, or would pose an unreasonable financial burden, per LAC stify 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 n RACM per operation (indicate total volume in Section	on-scheduled operations for repair or maintenance less than 1 Cubic Yard of		
RACIVI per operation (indicate total volume in Section	v as bill 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	Project Designer Info (schools, state, public or commercial buildings)		
Physical Address 4708 Garden Street	Name		
City Alexandria State LA Zip 71301	LA Accred. No.		
Parish Rapides	Building Size (sq. ft.) 1,200		
Owner Name	No. Floors 1 Age of Building (Yrs) Unknown		
Contact Name	Location on site (Bldg, Floor, Room, etc.) where work is done Structure will be razed.		
Mailing Address	Drocont C		
City State Zip	Present School State Bldg. Public/Commercial Use Residential Industrial Installation Other Blighted structure		
Contact Phone ()	Prior School State Bldg. Public/Commercial		
Contact Email	Use 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 Na	me	Steven Latiolai	S	Accredited Lab Name	EMSL, Cinnaminson,	NJ
Inspector's Acc	cred. No.	MI200658		Lab Accred. No.	131900	
Inspection Date	e .	10/10/2019	(mm/dd/	yy) Analysis Date	10/28/2019 (mm/dd/yy)	
	_	ytical method, if approprince of asbestos material	iate, PLM – E ————	PA 600		
Attach the foll	owing cop		-	eport for inspection date ind is date indicated (above)	dicated (above)	
	-	of Demolition and Renov nts if inspection or lab ar		estos Contaminated Debris A formed.	Activity Form AAC-2(a)	will not be processed
V. Approxi	mate Amo	unt of Asbestos				
Removal Time	s (check ap	pplicable times)	Busines	s Hours After Hours	Weekends	Holidays
	Material to be Removed Material to be Removed Prior to Demolition (if applicable)					
		RACM		CAT I/CAT II	CA	T I/CAT II
Type of Asbestos Material	☐ TSI ☐ Firepo	Ceiling Oofing VAT Wallboard texture, fiber backing, heat shiel	VAT	ng Mastic	VAT Mastic Other	Asphalt Roofing
Amount of Asbestos Material	2,200 *ACD = A	Linear Feet Square Feet RACM Cubic Yard ACD* Cubic Yard sbestos-contaminated De	ebris	Linear Feet Square Feet ACM Cubic Yard	S	inear Feet quare Feet CM Cubic Yard
VI. Asbestos Removal Contractor Information for RACM/ACD Asbestos Removal On-site Contractor's Name [‡] 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 ()						
VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)						
Contractor Name Contact Name						
Mailing Addres	Mailing Address Contact Email					
)		

VIII. Scheduled Dates for Asbestos Removal or Activities that May Action, or ACDA	Disturb Asbestos Material in a Demolition, Renovation, Response		
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	Contact Email		
Mailing Address	Contact Phone ()		
City State Zip			
XI. Provide the following if RACM/ACD is taken to Non-processing	•		
SW Transporter Name	Physical Location of Non- processing Transfer Station		
LDEQ SW Transporter No	City State Zip		
Mailing Address	Contact Name		
City State Zip	Contact Email		
	Contact Phone ()		
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	te 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 [])		
Gov't Agency Representative Name Kenna Lavalais	City of Alexandria, LA 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 e Attach additional pages, if necessary.	mergency event indicated by checked "Emergency" box on page 1.)		
Date of Emergency(mm/dd/yy)	Time of Emergency		
Describe the sudden, unexpected event requiring immediate attention			

-	n how event would cause an unsafe condition (health hazard), equipment e, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)
	Planned Demolition, Renovation Work, Response Action, or ACDA
Descrip	otion of activity including techniques of removal and facility components
•	otion of work practices & engineering controls including os removal and waste handling emission control procedures
	oe procedures to be followed in the event unexpected RACM is or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)
	Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)
l certify Demoli assume	Certification y under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), ition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or ed to be present above the established thresholds as described in this notification are required to be conducted in accordance AC 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 <i>Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)</i> is a violation of LAC 33:III.5151.
Print	Ited 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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. 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 <u>July 25, 2017</u> 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/repaired and brought up to the City of Alexandria Property Standard Code or to be reconsidered for Condemnation.

Property Address	Property Owner
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 <u>July 25, 2017</u> 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 <u>September 19, 2017</u> 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/repaired 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 <u>October 31, 2017</u> 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/repaired 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 <u>October 31, 2017</u>, 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 <u>June 13, 2017</u>, 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>	Property Owner
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 13^{th} day of June, 2017.

/s/ Donna Jones

City Clerk

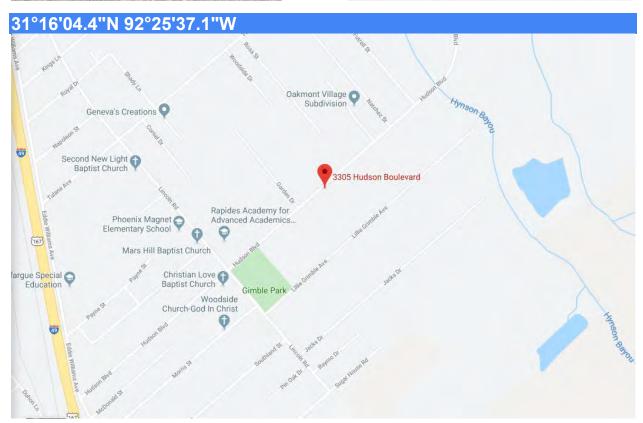
CD-12669 3305 Hudson Boulevard











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



Environmental Facilities Geotechnical Materials



November 7, 2019

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

Attn: Ms. Kenna Lavalais

Asbestos Survey Report Re:

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

Senior Engineer

Terracon Consultants, Inc. 1520 N. Hearne Avenue, Suite 120 Shreveport, Louisiana 71107 P [318] 606 7559 terracon.com

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APPEI	NDIX B	Asbestos Laboratory Analytical Report
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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 (Al#: 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.

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 (Al#: 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.

3305 Hudson Blvd. ■ Alexandria, Louisiana November 7, 2019 ■ Terracon Project No. BB197056



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

3305 Hudson Blvd. ■ 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

3305 Hudson Blvd. ■ 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

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 asbestoscontaining 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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	01-01				None Detected
01	01-02	Black Roof Shingles	Roof	Damaged	None Detected
	01-03				None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

Customer ID: TCNL25 **Customer PO:** BB197056

Project ID:

Phone: (504) 818-3638

Fax:

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

Analysis Date: 10/17/2019 **Collected Date:** 10/10/2019

New Orleans, LA 70123 **Project:** 3305 Hudson / BB197056

Attention: Steven Latiolais

Ste. 170

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

Non-Asbestos			Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01-Shingle	3305 Hudson - Roof - Black Roof Shingles	Black Fibrous Homogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
01-01-Felt 041929850-0001A	3305 Hudson - Roof - Felt	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
01-02-Shingle	3305 Hudson - Roof - Black Roof Shingles	Black Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
01-02-Felt 041929850-0002A	3305 Hudson - Roof - Felt	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
01-03-Shingle	3305 Hudson - Roof - Black Roof Shingles	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
01-03-Felt 041929850-0003A	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

OrderID: 041929850



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

	EMSL Analytical, Inc.
	200 Route 130 North
_	RECEIVED
$-C/H_{P_0}$	ACindaminson, NJ 08077 PHONE 1-800-220-3675
101a -	PHONE 1-800-220-3675
$C\mathcal{O}$ \mathcal{C}^{p}	FAX: (856) 786-5974

	04197	9850	PAX: (856) 786-5974
Company : Terracon			to: Same Different Innote instructions in Comments**
Street: 524 Elmwood Park Boulevard Suite 170 City: New Orleans State/Province: LA Report To (Name): Steven Latiolais Email Address: steven.latiolais@terracon.com Project Name/Number: 3305 Hudson BB 9705 0 U.S. State Samples Taken: LA Turnaround Time of the State Steven of the Steven of t		Third Party Billing requi	res written authorization from third party
Company: Terracon Street: 524 Elmwood Park Boulevard Suite 170 City: New Orleans Report To (Name): Steven Latiolais Email Address: steven.latiolais@terracon.com Project Name/Number: 3305 Hudson BB 97050 U.S. State Samples Taken: LA Turnaround Time (3 Hour		Zip/Postal Code: 70123	Country: US
	olais	Telephone #: 504-818-36:	
Email Address: steven.latiolai	s@terracon.com	Fax #:	Purchase Order:
	Hudson/BBI 97054	Please Provide Results:	Fax 🗸 Email Mail
U.S. State Samples Taken: LA		CT Samples: Commerc	ial/Taxable 🔲 Residential/Tax Exempt
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*For TEM Air 3 hr through 6 hr, please	call ahead to schedule. There is a p	remium charge for 3 Hour TEM AHER	A or EPA Level II TAT. You will be asked to sign
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Tel. acon

Asbestos Bulk Sample Log & Chain

stody Form

041929850 Lab Use Only:

Calact a Laboration	

Select a Laboratory:

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

Lab Location:

Page **HA Description Estimated** Sample Number Sample Location **HA General Location** Condition¹ (Color, Dimensions, Descriptor, then Type) Quantity D SD G D SD D SD G D SD D SD D SD G

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APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of building interior.



Another view of building interior

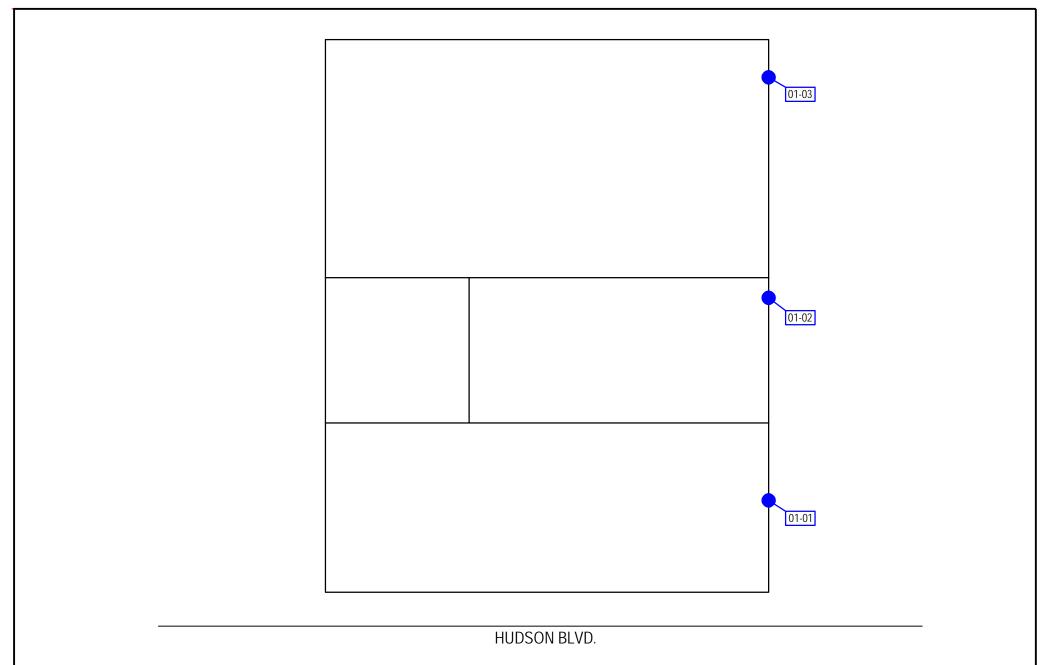


Another view of building interior.



HA-01: Black Roof Shingles with Felt Paper

APPENDIX D EXHIBITS



<u>LEGEND</u>

ASBESTOS BULK
SAMPLE LOCATIONS

Project Mngr:	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

3305 HUDSON BLVD. - BULK SAMPLE LOCATIONS

LIMITED ASBESTOS SURVEY

CITY OF ALEXANDRIA - 3305 HUDSON BLVD. - CD12669

3305 HUDSON BOULEVARD

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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
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Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

B. T	13 / 1 3 ·	E E / /
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium					
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
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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					
1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ		•			
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1185 - Vanadium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1190 - Zinc EPA 200.8, Rev.5.4 10014605 NELAP NJ		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	73.404.007.340.44			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A ne	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

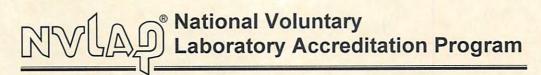
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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.

<u> </u>			
RACM by the demolition • 64 square feet on other facility components; of the square feet on other facility components; or the square feet of the square feet on other facility components; or the square feet of the square feet			
• 64 square feet on other facility components; o	60 linear feet on pipes;		
	64 square feet on other facility components; or		
 RACM, or ACM that will be made RACM, is less than the established thresholds (See right) 1 cubic yard off facility components where ler or area could not be measured previously. 	gth		
or area could not be measured previously.			
II. Type of Operation Demolition (allowable only if structure contains no RACM or contains RACM below established thresholds) (See Section I, above)			
III. Facility Description			
Facility Name Residential Structure Parish Rapides			
Physical Address 3305 Hudson Boulevard Building Size (sq. ft.) 400			
City Alexandria State LA Zip 71301 No. Floors 1 Age of Building (Yrs) Unknow	<u>/n_</u>		
Owner Name Location on site (Bldg, Floor, Room, etc.) where work is done Building will be razed.			
Contact Information:			
Contact Name Present School State Bldg. Public/Comme	rcial		
Mailing Address Residential Industrial			
City State Zip Other Blighted structure			
Phone () Prior School State Bldg. Public/Comme	rcial		
Email Residential Industrial			
□ Other			

IV. Determination of No	RACM Present /Am	ount of RACM Presen	t is Below Est	ablished Th	nresholds for Demo	o Project (See Section I)
Inspection Date1	10/10/2019	(mm/dd/yy)	Lab Analysis	Date	10/17/2019	(mm/dd/yy)
Inspector's Name	Steven Latiolais		Accredited La	ab Name <u>E</u>	EMSL, Cinnaminso	n, NJ
Inspector's Accred. No. MI200658		LELAP* Lab ID No. 04127				
			Lab Agency II	nterest (AI)	No. <u>131900</u>	
Procedure, including analytical method, if appropriate, 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 33:1.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 copie	s: • Signature pa	ge of inspection repo	rt for inspecti	on date inc	dicated (above)	
	 Lab Analysis 	Report for analysis d	ate indicated	(above)		
NOTE: The Asbestos Not attachments.	ification of Demolitic	on (Negative Declarat	ion) Form AA	C-2(b) will r	not be processed v	vithout these
V. Asbestos Containing	Material (ACM) Not	to be Removed from	Structure Prid	or to Demo	lition (if ACM is pro	esent)
v. Assestes containing	material (Herry Net	RACM	oti dotai o i i i	or to borno	Non-regul	
Type of Asbestos	☐ TSI	Fireproofing	·	☐ VAT	Asp	halt Roofing
Material	☐ Ceiling Tile	Other		☐ Mastic	c Dth	ner
Amount of Ashestos	,	linear	•		linear fe	
Amount of Asbestos square feet cubic yards				square f cubic ya		
	•	- Cabio yai as				
VI. Demolition Contract	or					
Contractor Name			Contact	Name		
Mailing Address	lailing Address		Contact	Contact Email		
City	State	Zip	Contact			
VII. Scheduled Demolitic	on Dates					
Start Date	(mm/dd	/yy)	Complet	ion 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)						

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

Submittal Information

IX.

- 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:

Signature of Owner or Operator/Contractor

By Mail: or

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

Printed Name of Owner or Operator/Contractor

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

By Overnight or Hand-delivery:

Date (mm/dd/yy)

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,



PAGE 3003 51.7

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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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.

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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.

Property Address	Property Owner
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

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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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

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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:

Property Owner
Page Livingston
Bakies Properties, LLC
Jerry Pearson
Alpha Capital/BMO Harris
Alice Hammond
Frank R. Bordelon
Agnes Wallace
Jerry Johnson
Colonial Financial Service Inc
Walter Reynolds

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Ryland

1326 Charlton Street

3925 Clinton Street

1117 Cole Street

1119 Cole Street

2027 East Texas Avenue

56 Eastwood Boulevard

1204 Fenner Street

4517 Futrell Street

405 Gabriel Lane

3008 Houston Street

3149 Houston Street

3305 Hudson Boulevard

3331 Hudson Boulevard

311 John Thomas Street

5503 Jube Street

3520 Laurel Street

717 Leland Street

4206 Lincoln Road

2533 Main Street

116 Mary Lane

314 Marye Court

2008 Mason Street

2219 Mill Street

208 1/2 North 13th Street

2803 Overton Street

Elsie H. Ryland

Henry Joffrion

Leontina Dauzat

Leontina Dauzat

Midwest Management

Tri Brewer

Don Thompson

Willie M. Pickens

Shirley Johnson

Willie Wilson

Savannah Webber

Delwin Eldridge

Rodney Taylor

Thomas Farace

Michael Tennie

Donald Medica

Henry Weekly

Lillian Davis

Washington Bush

Bakies Properties, LLC

Kylie R. Larwood

McErvin Howard, Sr. EST

Dominic Robinson

Jerry Larwood

Jerry & Rhonda Hughes

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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

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3003 Bessie Morris

Ivory Grant

Jacqulin Freeman

Rex H. Countee

Lucy B. Russaw

Virginia Harvey

Lucille Green

Pharrow Perkins

Rosa M. McCoy

Russell J. Walker

Louis H. Taylor/Frankie Mae Hall

Carrie C. Small

Lucille Taffaro

The Money Shack, LLC

Herman Davis Burrell

Rosemary Dauzart

Jerry Larwood

Mary Cataldie

Thomas J. Atkins

Gertrude Quinney

Bessie M. Vallery

Joyce R.F. Sandifer

Everett Hobbs

Sir Welton Hobbs

Harry C. Robinson

1321 Fenner Street

3611 Hollywood Drive

2828 Houston Street

1510 Huffman Street

3201 Hudson Boulevard

1512 Huffman Street

821 John Thomas

2145 Lee Street

604 Leonard Street

1904 Levin Street

1912 Levin Street

2636 Main Street

2716 Main Street

316 Marye Court

2054 Mason Street

2095 Mason Street

209 North 15th Street

2040 Overton Street

2069 Overton Street

2213 Overton Street

2217 Overton Street

2332 Overton Street

2437 Overton Street

2441 Overton Street

2608 Overton Street

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2720 Overton Street

20 Overton Street

921 Railroad Avenue

504 Scallan Street

2430 Paris 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 HERERY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND COPRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF

DAY OF

DY, CLERK OF COURT

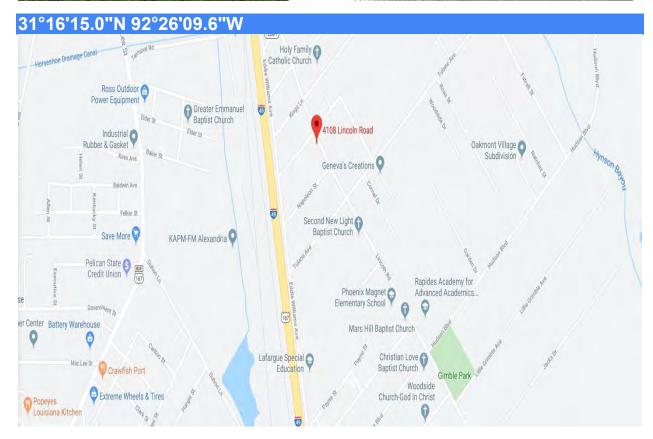
CD-12716 4108 Lincoln Road











Residential Structure (CD12716) 4108 Lincoln Road Alexandria, Louisiana

> November 7, 2019 Terracon Project No. BB197056



Prepared for:

Community Development Department Alexandria, Louisiana

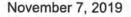
Prepared by:

Terracon Consultants, Inc. Shreveport, Louisiana

terracon.com



Environmental Facilities Geotechnical Materials





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

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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 (Al#: 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.

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 (Al#: 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.

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

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

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).

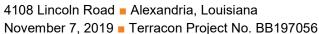
Laboratory analysis confirmed the following asbestos-containing friable materials:

- 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.





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 asbestoscontaining 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

НА	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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	01-01				Tile – 2% Chrysotile
					Mastic - None Detected
01	01-02	Cream 12"x12" floor tile with	1, 2	Damaged	Tile – Not Analyzed (Positive Stop)
		yellow mastic			Mastic – None Detected
	01-03				Tile – Not Analyzed (Positive Stop)
					Mastic – None Detected
	02-04				Yellow Flooring – None Detected
					Brown Flooring – 15% Chrysotile
					Yellow Flooring – None Detected
02	02-05	Yellow sheet flooring atop	2	Damaged	Brown Flooring – Not Analyzed
		brown mosaic sheet flooring			(Positive Stop)
					Yellow Flooring – None Detected
	02-06				Brown Flooring – Not Analyzed
-					(Positive Stop)
	00.07				Drywall – None Detected
	03-07			Joint Compound – 2% Chrysotile	
					Texture – None Detected
					Drywall – None Detected
03	03-08	White drywall and joint	Cailing throughout	Significantly	Joint Compound – Not Analyzed
03		compound	Ceiling throughout	Damaged	(Positive Stop) Texture – None Detected
					Drywall – None Detected
	03-09				Joint Compound – Not Analyzed (Positive Stop)
					Texture – None Detected
	04-10				None Detected
04	04-10	Cream marble patterned sheet	5	Damaged	None Detected
04	04-11	flooring	5	Damayeu	None Detected
	04-12				None Detected

TABLE 2.0 cont. ASBESTOS SURVEY SAMPLE SUMMARY 4708 Garden Street Alexandria, Louisiana

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	05-13				Shingle – None Detected Felt Paper – None Detected
05	05-14	Black and green roof shingle and felt paper	Roof	Significantly Damaged	Shingle – None Detected Felt Paper – None Detected
	05-15				Shingle – None Detected Felt Paper – None Detected
	06-16				Shingle – None Detected Felt Paper – None Detected
06	06-17	Faux brick tar siding	Exterior walls	Significantly Damaged	Shingle – None Detected Felt Paper – None Detected
	06-18				Shingle – None Detected Felt Paper – None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

EMSL Order: 041929893 Customer ID: TCNL25 Customer PO: BB197056

Project ID:

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

New Orleans, LA 70123 **Project:** 4108 Lincoln - BB197056

Attention: Steven Latiolais

Ste. 170

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

Sample	Description	Appearance	Non-Asbes % Fibrous	stos % Non-Fibrous	<u>Asbestos</u> % Type
01-01-Floor Tile	4108 Lincoln - 1 - Cream 12" x 12" Floor	Tan Fibrous	<u>-</u>	98% Non-fibrous (Other)	2% Chrysotile
041929893-0001	Tile	Homogeneous			
01-01-Mastic	4108 Lincoln - 1 - Yellow Mastic	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929893-0001A		Homogeneous			
01-02-Floor Tile	4108 Lincoln - 1 - Cream 12" x 12" Floor Tile				Positive Stop (Not Analyzed)
01-02-Mastic	4108 Lincoln - 1 - Yellow Mastic	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929893-0002A	Tellow Mastic	Homogeneous			
01-03-Floor Tile	4108 Lincoln - 1 - Cream 12" x 12" Floor Tile	<u>-</u>			Positive Stop (Not Analyzed)
01-03-Mastic	4108 Lincoln - 1 - Yellow Mastic	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929893-0003A		Homogeneous			
02-04-Sheet Flooring 041929893-0004	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 041929893-0004A	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 041929893-0005	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	4108 Lincoln - 2 - Yellow Sheet Flooring				Positive Stop (Not Analyzed)
041929893-0005A	on Top of Brown Mosaic Sheet Flooring				
02-06-Sheet Flooring	4108 Lincoln - 2 - Yellow Sheet Flooring	Tan Non-Fibrous	10% Cellulose	90% Non-fibrous (Other)	None Detected
041929893-0006	on Top of Brown Mosaic Sheet Flooring	Homogeneous			
02-06-Sheet Flooring 2	4108 Lincoln - 2 - Yellow Sheet Flooring				Positive Stop (Not Analyzed)
041929893-0006A	on Top of Brown Mosaic Sheet Flooring				

Initial report from: 10/21/2019 10:04:03

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

			<u>Asbestos</u>			
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type	
03-07-Wallboard	4108 Lincoln - 2 - White Wallboard	Brown/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected	
041929893-0007		Homogeneous				
03-07-Joint Compound	4108 Lincoln - 2 - Joint Compound	Tan Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile	
041929893-0007A		Homogeneous				
03-07-Texture	4108 Lincoln - 2 - Texture	White Non-Fibrous		100% Non-fibrous (Other)	None Detected	
41929893-0007B		Homogeneous				
3-08-Wallboard	4108 Lincoln - 3 - White Wallboard	Brown/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected	
41929893-0008		Homogeneous				
3-08-Joint Compound	4108 Lincoln - 3 - Joint Compound				Positive Stop (Not Analyzed)	
41929893-0008A						
03-08-Texture	4108 Lincoln - 3 - White Wallboard				Not Submitted	
141929893-0008B	4400 15 1 4	D	450/ 0 " '	05% Nov. 51 (01)	Non-Brist	
03-09-Wallboard	4108 Lincoln - 4 - White Wallboard	Brown/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected	
	44001: 1 4	Homogeneous			5 6. (1.1.4.1.1)	
03-09-Joint Compound	4108 Lincoln - 4 - Joint Compound				Positive Stop (Not Analyzed)	
41929893-0009A	4400 Liver Level	T		000(Nov. 51 (Otton)	00/ 01	
13-09-Texture	4108 Lincoln - 4 - White Wallboard	Tan Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile	
41929893-0009B		Homogeneous				
14-10	4108 Lincoln - 5 - Cream Marble Pattern	Beige Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected	
141929893-0010	Sheet Flooring	Homogeneous	000/ 0 # 1	000(1) 51 (01)		
) 4-11 41929893-0011	4108 Lincoln - 5 - Cream Marble Pattern Sheet Flooring	Beige Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected	
			050/ 0-11-1	750/ Non-Elmann (Othern)	Nama Datastad	
14-12 41929893-0012	4108 Lincoln - 5 - Cream Marble Pattern Sheet Flooring	Tan Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected	
	4108 Lincoln - Roof -	Black/Green	OFO/ Callulana	750/ Non fibrage (Other)	None Detected	
05-13-Roof Shingle 41929893-0013	Black and Green Roof Shingle	Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected	
	4108 Lincoln - Roof -	Black	70% Cellulose	30% Non-fibrous (Other)	None Detected	
05-13-Felt Paper 041929893-0013A	Felt Paper	Fibrous Homogeneous	70% Cellulose	30 % NOTI-TIDIOUS (Ottlet)	None Detected	
	4108 Lincoln - Roof -	Black/Green	25% Cellulose	75% Non-fibrous (Other)	None Detected	
05-14-Roof Shingle 41929893-0014	Black and Green Roof Shingle	Fibrous Homogeneous	25% Cellulose	75% Non-librous (Other)	None Detected	
	4108 Lincoln - Roof -	Black	70% Cellulose	30% Non-fibrous (Other)	None Detected	
15-14-Felt Paper 41929893-0014A	Felt Paper	Fibrous Homogeneous	70% Cellulose	30 % NOTI-TIDIOUS (Ottlet)	None Detected	
	4108 Lincoln - Roof -	Black/Green	25% Cellulose	75% Non fibrous (Other)	None Detected	
05-15-Roof Shingle	Black and Green Roof Shingle	Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected	
			600/ 0-11:-1	400/ Non Shares (Others)	None Data da	
05-15-Felt Paper 041929893-0015A	4108 Lincoln - Roof - Felt Paper	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected	
)6-16	4108 Lincoln - Ext -	Brown	80% Cellulose	20% Non-fibrous (Other)	None Detected	
041929893-0016	Faux Brick Tar Siding	Fibrous Homogeneous				

Initial report from: 10/21/2019 10:04:03



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

			Non-Asbe	<u>stos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
06-17	4108 Lincoln - Ext - Faux Brick Tar Siding	Brown Fibrous	80% Cellulose	20% Non-fibrous (Other)	None Detected
041929893-0017		Homogeneous			
06-18	4108 Lincoln - Ext - Faux Brick Tar Siding	Brown/Black Fibrous	80% Cellulose	20% Non-fibrous (Other)	None Detected
041929893-0018		Homogeneous			

Analyst(s)

Chelsey Donnelly (1)
Gregory Barry (16)
Jose Sanchez (3)
Keishla Vazquez Caraballo (3)
Marvalyn Sandling (3)

Semestro Kingfrom

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

OrderID: 041929893



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

	EMSL Analytical, Inc.
	200 Route 130 North
	RECEIVED
CIMM	A Cinitaminson, NJ 08077 PHONE 1-800-220-3679
010 -	PHONE! 1-800-220-3679
דשט צויי	FAX: (856) 786-5974

						<u> </u>
Company :	Теггасо	on				ill to: ☐ Same ☑ Different ☐ ferent note instructions in Comments**
Street: 524	<u>Elmwo</u>	od Park Boulevard Suite 170		Third Party	Billing re	quires written authorization from third party
City: New		State/Province: LA		Zip/Postal Code	70123	Country: US
Report To	(Name):	Steven Latiolais		Telephone #: 50)4-818-3	3638
		even.latiolais@terracon.com		Fax #:		Purchase Order:
		ber: 4/08 Lincoln/88197056		Please Provide		
U.S. State	Samples		(TA)			ercial/Taxable Residential/Tax Exempt
☐ 3 Hour		Turnaround Time 6 Hour ☐ 24 Hour ☐ 48 Ho		72 Hour		96 Hour 101 Week 2 Week
*For TEM Air	r 3 hr throu	gh 6 hr, please call ahead to schedule.*There is	a pren	nium charge for 3 Hou	ur TEM AH	IERA or EPA Level II TAT. You will be asked to sign
<u>an</u> at		form for this service. Analysis completed in ac - Bulk (reporting limit)	cordar	nce with EMSL's Tern	ns and Col	nditions located in the Analytical Price Guide. TEM – Bulk
DOPELM EP		93/116 (<1%)	\dashv_{F}	TEM EPA NOB	- EPA 6	00/R-93/116 Section 2.5.5.1
PLM EP		· 		NY ELAP Metho		
*************		(<0.25%) 1000 (<0.1%)		Chatfield Protoc		16"
T		metric 400 (<0.25%) 1000 (<0.1%) [TEM % by Mas	s – EPA	600/R-93/116 Section 2.5.5.2
	9002 (<			☐ TEM Qualitative	via Filtr	ation Prep Technique
		d 198.1 (friable in NY)		TEM Qualitative	via Dro	p Mount Prep Technique
**************************************		d 198.6 NOB (non-friable-NY)				<u>Other</u>
	ID-191 M	•	١c	כ		հ -
☐ Standa	rd Additio	Method				<u> </u>
Check I	For Posi	ive Stop - Clearly Identify Homogeno	us G	roup Date Sam	ıpled:	10/10/19
°Samplers f	Name:	Steven Latolais		Samplers Sig	nature:	3)
Sample #	HA#_	Sample Location	1			Material Description
		Dlesso Sa	Δ	1/00/01		
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		TIME JAC		Traine		
		TIME JOE		TTUNE		
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Client Sam	nia # (c)	TICASE JEE		Traine		Total # of Samples:
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Page 1 of ____ pages

G O SD S S Ŝ. ۵ Select a Laboratory: Exterior 19918 R S DET 11 AM 9:2 [hoowhar HA General Location Lab Use Only: Cerly Lab Location: 04 P29 493 Vellow Sheet Floot 123 On Top of Bear, Masi Sheet 15-16-ch Schinger John Compound + The xhul taux Brick Tal Silis rema 12"X10" Flow Tile White Wallboard w bear theople father **Custody Form** W/ Ye How Mashie Sheet Floody New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638 Asbestos Bulk Sample Log & Cha 4108 Lincoln الله بدالم Sample Location 4108 Lingh-16 racon Sample Number 070 (9-10) 10-10 2

APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of HA-01: Cream 12"x12" floor tile with yellow mastic.



View of HA-03: White drywall and joint compound.



View of HA-02: Yellow sheet flooring atop brown mosaic sheet flooring.



View of HA-04: Cream marble patterned sheet flooring.





View of HA-05: Black and green roof shingle and felt paper.



General view of the structure's interior.

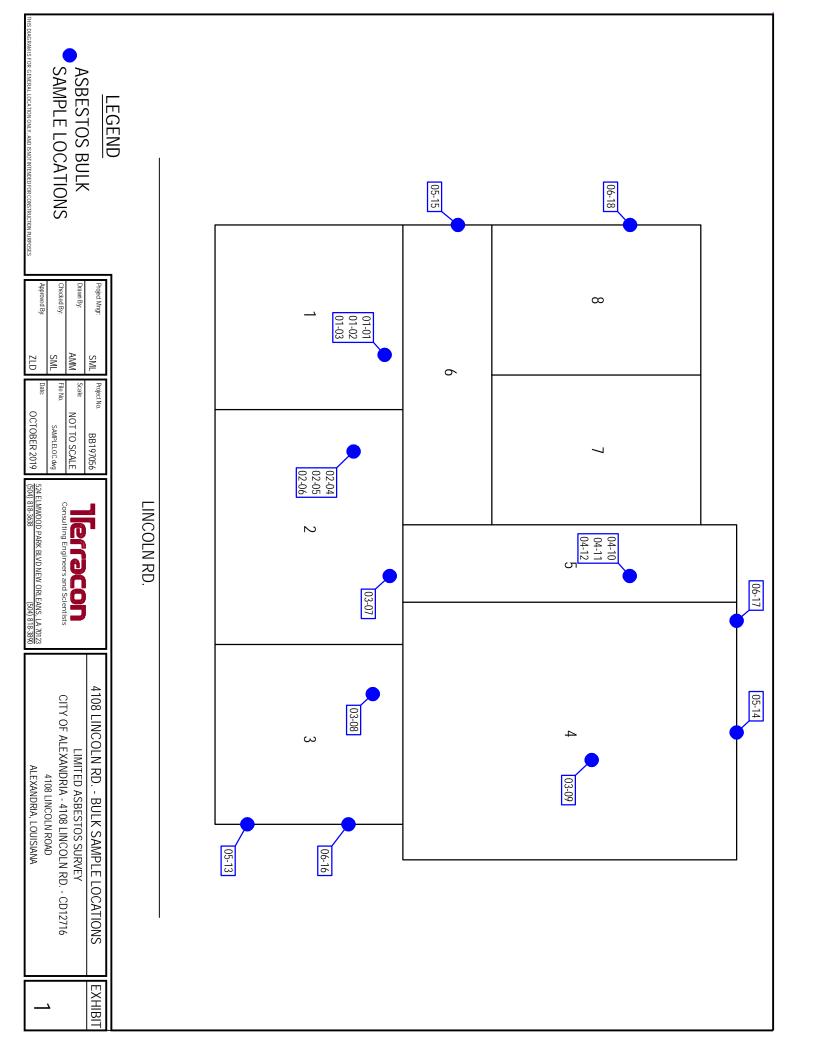


View of HA-06: Faux brick tar siding.



General view of the structure's interior.

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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
Air Emissions	Malerin	W De l'article de	ALO CONTRACTOR OF	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

Th. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

Non rotable water				
Analyte	Method Name	Method Code	Туре	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 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4 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		
1090 - Manganese	EPA 200.8, Rev.5.4 EPA 200.8, Rev.5.4		NELAP	NJ
1100 - Molybdenum	· ·	10014605	NELAP	NJ
•	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

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.707.007.704			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP NELAP	NJ 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		A ne	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
i 090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	101 56420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1 175 - Tin	EPA 6020B	10156420	NELAP	NJ
l 180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
l 190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize Microscopy	d Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue					
Analyte	Method Name	Method Code	Type	AB	
NONE	NONE	NONE	NONE	NONE	

EMSL Analytical Inc

Effective Date: July 1, 2019

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

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.

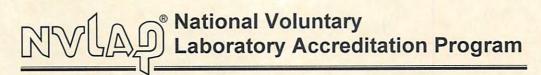
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 Disposar Verifica	tion Forms (ADVFs) Requested						
lote: This form is to be used only when requesting ADVFs for Asbestos Contaminated Debris Activities (ACDA), Demolition, tenovation, 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 tripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.							
r demolitions where RACM is absent or amount present is below established thresholds, and no ACM will be removed, use Asbestos otification 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)							
	Additional Latest ADVF# Issued						
Annual (Maintenance) Check if Form AAC-2(a) is for no RACM per operation (indicate total volume in Section	on-scheduled operations for repair or maintenance less than 1 Cubic Yard of V as bin size).						
Tune of Operation (short only one hou)	·						
 Type of Operation (check only one box) Reno & Demo (ACM or RACM removal & subsequent on the second of /li>	Response Action (schools, state, public or commercial bldgs.)						
III. Facility Description							
Facility Name Residential Structure	Project Designer Info (schools, state, public or commercial buildings)						
Physical Address 4108 Lincoln Road	Name						
C'' Al l' C' IA 7' 74204							
City Alexandria State LA Zip 71301	LA Accred. No.						
	LA Accred. No. Building Size (sq. ft.) 850						
Parish Rapides							
Parish Rapides Owner Name	Building Size (sq. ft.) 850						
Parish Rapides Owner Name Contact Name	Building Size (sq. ft.) 850 No. Floors 1 Age of Building (Yrs) Unknown Location on site (Bldg, Floor, Room, etc.) where work is done Structure will be razed.						
City Alexandria State LA Zip 71301 Parish Rapides Owner Name Contact Name Mailing Address City State Zip Zip	Building Size (sq. ft.) 850 No. Floors 1 Age of Building (Yrs) Unknown Location on site (Bldg, Floor,						
Parish Rapides Owner Name Contact Name Mailing Address	Building Size (sq. ft.) 850 No. Floors 1 Age of Building (Yrs) Unknown Location on site (Bldg, Floor, Room, etc.) where work is done Structure will be razed. Present School State Bldg. Public/Commercial Use Residential Industrial Installation						
Parish Rapides Owner Name Contact Name	Building Size (sq. ft.) 850 No. Floors 1 Age of Building (Yrs) Unknown Location on site (Bldg, Floor, Room, etc.) where work is done Structure will be razed. Present School State Bldg. Public/Commercial						

IV. Determ	ination of	Asbestos Present	Asbestos Deterr	med Asbestos Present (if or mined to be Present Per pratory that is accredited u ete the items below)	Inspection and/or Lab A	Analysis from a
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, PLM – EPA 600 used to detect the presence of asbestos material						
Attach the foll	owing cop		-	ort for inspection date inc date indicated (above)	dicated (above)	
		of Demolition and Renove nts if inspection or lab an		os Contaminated Debris Armed.	Activity Form AAC-2(a)	will not be processed
V. Approxi	mate Amo	ount of Asbestos				
Removal Time	s (check ap	oplicable times)	Business H	lours After Hours	Weekends	Holidays
		Mater	ial to be Remove	ed	_	M <u>Not</u> to be Removed ition (if applicable)
		RACM		CAT I/CAT II CAT I/CAT		I/CAT II
Type of Asbestos Material	TSI Firepi Other	Ceiling Coofing VAT	VAT Piping Other	☐ Transite ☐ Mastic	☐ VAT ☐ Mastic ☐ Other	Asphalt Roofing
Linear Feet Amount of Square Feet Asbestos RACM Cubic Yard Material ACD* Cubic Yard *ACD = Asbestos-contaminated Debris		Linear Feet Square Feet ACM Cubic Yard	Sq	near Feet Juare Feet CM Cubic Yard		
Asbestos Removal Contractor Information for RACM/ACD Asbestos Removal Contractor's Name LA Contractor's License No. Mailing Address Supervisor's Accred. Expir. Date (mm/dd/yy)						
City State Zip			Contact Name			
Phone ()		[‡] A.I. No		Contact Email		
VII. Other O	perator/D	emolition Contractor (se	e XVI to add add	itional contractors or oth	er information)	
Contractor Nar	me			Contact Name		
Mailing Addres	SS			Contact Email		
				Contact Phone ()	

VIII. Scheduled Dates for Asbestos Removal or Activities that May Action, or ACDA	Disturb Asbestos Material in a Demolition, Renovation, Response
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	Contact Email
Mailing Address	Contact Phone ()
City State Zip	
XI. Provide the following if RACM/ACD is taken to Non-processing	- · · · · · · · · · · · · · · · · · · ·
SW Transporter Name	Physical Location of Non- processing Transfer Station
LDEQ SW Transporter No	City State Zip
Mailing Address	Contact Name
City State Zip	Contact Email
	Contact Phone ()
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	te for RACM (See LAC 33:III.5151.B)
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si RAL Name	te for RACM (See LAC 33:III.5151.B) Contact Name
	Contact Name
RAL Name	Contact Name Contact Phone ()
RAL Name Physical Address	Contact Name Contact Phone ()
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov/t Agency	Contact Name
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if y Gov't Agency Representative Name Representative's Title Representative's Title Demolition Program Manager	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if y Gov't Agency Representative Name Representative's Title Representative's Title Demolition Program Manager	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9666-2017
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if y Gov't Agency Representative Name Representative's Title Demolition Program Manager Date Issued June 13, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos	Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9666-2017 a Contaminated Debris Activity Form AAC-2(a) will not be processed
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Representative's Title Demolition Program Manager Date Issued June 13, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for each of the part of the	Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9666-2017 a Contaminated Debris Activity Form AAC-2(a) will not be processed
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Program Manager Date Issued June 13, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for e Attach additional pages, if necessary.	Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9666-2017 Contaminated Debris Activity Form AAC-2(a) will not be processed mergency event indicated by checked "Emergency" box on page 1.) Time of Emergency

-	now event would cause an unsafe condition (health hazard), equipment or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)
	anned Demolition, Renovation Work, Response Action, or ACDA ion of activity including techniques of removal and facility components
-	ion of work practices & engineering controls including removal and waste handling emission control procedures
	procedures to be followed in the event unexpected RACM is CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)
	pmments Provide any additional comments /information relevant to this notification (EX: name and number for Air earance Sampler, if known)
assumed with LAC	ion, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or to be present above the established thresholds as described in this notification are required to be conducted in accordance 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 <i>Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)</i> is a violation of LAC 33:III.5151.
Printe	ed 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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. 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 <u>July 25, 2017</u> 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/repaired and brought up to the City of Alexandria Property Standard Code or to be reconsidered for Condemnation.

Property Address	Property Owner
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 <u>July 25, 2017</u> 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 <u>September 19, 2017</u> 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/repaired 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 <u>October 31, 2017</u> 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/repaired 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 <u>October 31, 2017</u>, 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 <u>June 13, 2017</u>, 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>	Property Owner
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 13^{th} day of June, 2017.

/s/ Donna Jones

City Clerk

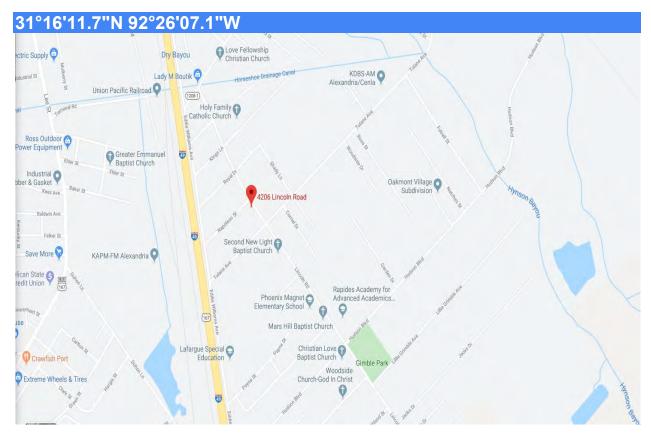
CD-12711 4206 Lincoln Road











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



Environmental Facilities Geotechnical Materials



November 7, 2019

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

Attn: Ms. Kenna Lavalais

Asbestos Survey Report Re:

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.

Steven Latiolais

Staff Industrial Hygienist

enior Engineer

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6.0	GENERAL	COMMENTS
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APPEI	NDIX B	Asbestos Laboratory Analytical Report
APPEI	NDIX C	Photographs of Select Homogeneous Areas
APPEI	NDIX D	Exhibit
APPEI	NDIX E	Certifications
APPEI	NDIX 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 (Al#: 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.

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 (Al#: 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.

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

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

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.

4206 Lincoln Road ■ Alexandria, Louisiana November 7, 2019 ■ Terracon Project No. BB197056



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 asbestoscontaining 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

НА	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

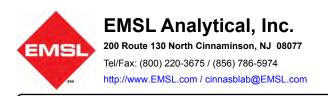
TABLE 2.0 ASBESTOS SURVEY SAMPLE SUMMARY 4206 Lincoln Road Alexandria, Louisiana

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01			Significantly	None Detected
	01-02	White 1'x1' ceiling tile	1, 2, 3, 6	Damaged	None Detected
	01-03			Barragea	None Detected
	02-04				Floor Tile – None Detected Adhesive – None Detected
02	02-05	Cream self-stick 12"x12" floor tile	· I 1 I	Damaged	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 Blue/White Flooring – None Detected Yellow Flooring – None Detected Brown Tile – Not Analyzed (Positive Stop) Mastic – Not Analyzed (Positive Stop) Blue/White Flooring – None Detected Yellow Flooring – None Detected Yellow Flooring – None Detected Brown Tile – Not Analyzed (Positive Stop) Mastic – Not Analyzed (Positive Stop)
04	04-10 04-11	Brown 12"x12" faux parkay self-	2	Damaged	Floor Tile – None Detected Floor Tile – None Detected
	04-12	ouck noon and			Floor Tile – None Detected
	05-13				None Detected
05	05-14 05-15	Brown self-stick sheet flooring	4	Damaged	None Detected 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
	06-16				Shingle – 15% Chrysotile Tar – None Detected
06	06-17	Red-painted gray transite roof shingles with black tar	StreetSide roof	Damaged	Shingle – Not Analyzed (Positive Stop) Tar – None Detected
	06-18				Shingle – Not Analyzed (Positive Stop) Tar – None Detected
	07-19				Shingle – None Detected
07	07-20	Black roofing shingle and	House rear roof	Significantly	Shingle – None Detected
07	07-21	flashing	nouse real root	Damaged	Shingle – None Detected Flashing – 5% Chrysotile

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

EMSL Order: 041929888
Customer ID: TCNL25
Customer PO: BB197056

Project ID:

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

New Orleans, LA 70123 **Project:** 4206 Lincoln - BB197056

Attention: Steven Latiolais

Ste. 170

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

			Non-Asbe	<u>stos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01 041929888-0001	4206 Lincoln - 1 - White 1' x 1' Ceiling Tile	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
01-02	4206 Lincoln - 6 - White 1' x 1' Ceiling	White Fibrous	90% Cellulose	10% Non-fibrous (Other)	None Detected
041929888-0002	Tile	Homogeneous			
01-03	4206 Lincoln - 3 - White 1' x 1' Ceiling	White Fibrous	90% Cellulose	10% Non-fibrous (Other)	None Detected
041929888-0003	Tile	Homogeneous			
02-04-Floor Tile	4206 Lincoln - 1 - Cream Self-stick 12" x 12" Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
	4206 Lincoln - 1 -			4000/ New Share (Other)	None Detected
02-04-Adhesive 041929888-0004A	Cream Self-stick 12" x 12" Floor Tile	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-05-Floor Tile	4206 Lincoln - 1 - Cream Self-stick 12" x	Beige Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0005	12" Floor Tile	Homogeneous			
02-05-Adhesive	4206 Lincoln - 1 - Cream Self-stick 12" x	Clear Non-Fibrous		100% Non-fibrous (Other)	None Detected
41929888-0005A	12" Floor Tile	Homogeneous			
02-06-Floor Tile	4206 Lincoln - 1 - Cream Self-stick 12" x	Beige Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0006	12" Floor Tile	Homogeneous			
02-06-Adhesive	4206 Lincoln - 1 - Cream Self-stick 12" x	Clear Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0006A	12" Floor Tile	Homogeneous			
03-07-Sheet Flooring	4206 Lincoln - 6 - Blue and White Sheet Flooring	White/Blue Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
03-07-Sheet Flooring	4206 Lincoln - 6 - Yellow Sheet Flooring	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0007A	· ·	Homogeneous			
03-07-Floor Tile	4206 Lincoln - 6 - Brown 12" x 12' Floor	Tan Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile
041929888-0007B	Tile	Homogeneous			
03-07-Mastic	4206 Lincoln - 6 - Black Mastic	Black Non-Fibrous		94% Non-fibrous (Other)	6% Chrysotile
041929888-0007C		Homogeneous			
03-08-Sheet Flooring	4206 Lincoln - 6 - Blue and White Sheet	White/Blue Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929888-0008	Flooring	Homogeneous			
03-08-Sheet Flooring	4206 Lincoln - 6 - Yellow Sheet Flooring	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0008A 03-08-Floor Tile	4206 Lincoln - 6 -	Homogeneous			Positive Stop (Not Analyzed)
041929888-0008B	Brown 12" x 12' Floor Tile				

Initial report from: 10/17/2019 21:31:16

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

			Non-Asbe	estos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
03-08-Mastic	4206 Lincoln - 6 - Black Mastic				Positive Stop (Not Analyzed)
041929888-0008C					
03-09-Sheet Flooring	4206 Lincoln - 6 - Blue and White Sheet Flooring	White/Blue Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
03-09-Sheet Flooring	4206 Lincoln - 6 -	Yellow		100% Non-fibrous (Other)	None Detected
041929888-0009A	Yellow Sheet Flooring	Non-Fibrous Homogeneous		100 % Non-ilbrods (Other)	None Detected
3-09-Floor Tile	4206 Lincoln - 6 - Brown 12" x 12' Floor	0.			Positive Stop (Not Analyzed)
041929888-0009B	Tile				
03-09-Mastic	4206 Lincoln - 6 - Black Mastic				Positive Stop (Not Analyzed)
041929888-0009C	Diddit Madad				
04-10-Floor Tile	4206 Lincoln - 2 - Brown Parking	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0010	Self-stick 12" x 12" Floor Tile	Homogeneous			
04-10-Adhesive	4206 Lincoln - 2 - Brown Parking	Clear Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0010A	Self-stick 12" x 12" Floor Tile	Homogeneous			
04-11	4206 Lincoln - 2 - Brown Parking	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0011	Self-stick 12" x 12" Floor Tile	Homogeneous			
04-12	4206 Lincoln - 2 - Brown Parking	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0012	Self-stick 12" x 12" Floor Tile	Homogeneous			
05-13	4206 Lincoln - 3 - Brown Sheet Flooring	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0013	Self-stick	Homogeneous			
05-14	4206 Lincoln - 3 - Brown Sheet Flooring	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0014	Self-stick	Homogeneous			
05-15	4206 Lincoln - 3 - Brown Sheet Flooring	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0015	Self-stick	Homogeneous			
06-16-Shingle	4206 Lincoln - Roof - Red Painted Gray	Red Fibrous		85% Non-fibrous (Other)	15% Chrysotile
041929888-0016	Transite Roof Shingle	Homogeneous			
06-16-Tar	4206 Lincoln - Roof - Black Tar	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0016A		Homogeneous			
06-17-Shingle	4206 Lincoln - Roof - Red Painted Gray				Positive Stop (Not Analyzed
041929888-0017	Transite Roof Shingle	B		1000/ 11 50 (50)	
06-17-Tar	4206 Lincoln - Roof - Black Tar	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0017A		Homogeneous			
06-18-Shingle	4206 Lincoln - Roof - Red Painted Gray				Positive Stop (Not Analyzed
041929888-0018 06-18-Tar	Transite Roof Shingle 4206 Lincoln - Roof -	Black		100% Non-fibrous (Other)	None Detected
041929888-0018A	Black Tar	Non-Fibrous Homogeneous			

Initial report from: 10/17/2019 21:31:16



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

			Non-Ask	<u>pestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
07-19	4206 Lincoln - Roof - Black Roof Shingle	Black Fibrous	10% Glass	90% Non-fibrous (Other)	None Detected
041929888-0019		Homogeneous			
07-20	4206 Lincoln - Roof - Black Roof Shingle	Black Fibrous		100% Non-fibrous (Other)	None Detected
041929888-0020	Black Roof Stilligle	Homogeneous			
07-21-Shingle	4206 Lincoln - Roof - Black Roof Shingle	Black Fibrous	10% Glass	90% Non-fibrous (Other)	None Detected
041929888-0021		Homogeneous			
07-21-Flashing	4206 Lincoln - Roof - Black Roof Shingle	Gray/Black Non-Fibrous		95% Non-fibrous (Other)	5% Chrysotile
041929888-0021A		Homogeneous			

Analyst(s)

Gregory Barry (10) Maxwell Taylor (22) Emartha Rundetrom Laboratory Managar

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

OrderID: 041929888



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

		Number	
()4	10500	/4b

EMSL Analytical, Inc.
200 Route 130 North

C/M/A M/A S/

Cinnaminson NJ 08077

PHONE: 1,800-220-3675

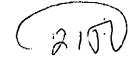
FAX: (856) 786-5974

						<u></u>		
Company: Te	erracc	n				Bill to: Same Different Different note instructions in Comments**		
Street: 524 E	Imwo	od Park Bouleva	ard Suite 170	Third Party Billing requires written authorization from third party				
City: New Orl	rleans		State/Province: LA	Zip/Postal Code: 70123 Country: US				
Report To (Na	ame):	Steven Latiolais		Telephone #:	Telephone #: 504-818-3638			
Email Addres	ss: ste	even.latiolais@t	erracon.com	Fax #:	_	Purchase Order:		
Project Name	e/Num	per: 420eLi	roch /BB19705le	Please Provid				
U.S. State Sai	mples	Taken: LA	· /'			mercial/Taxable 🔲 Residential/Tax Exemp		
3 Hour	7 -	6 Hour	Turnaround Time (1 24 Hour 3 48 Hou			neck 96 Hour ☑ 1 Week ☐ 2 Week		
*For TEM Air 3 I	hr throu	gh 6 hr, please call a	head to schedule.*There is a p	remium charge for 3	Hour TEM /	AHERA or EPA Level II TAT. You will be asked to sign		
an autho		form for this service. - Bulk (reportin		dance with EMSL's T	erms and C	Conditions located in the Analytical Price Guide. TEM - Bulk		
DPLM EPA 6			id muiti	☐ TEM EPA NO	OB FPA	600/R-93/116 Section 2.5.5.1		
PLM EPA				NY ELAP Me		·		
		(<0.25%) 🔲 1000	0 (<0.1%)	☐ Chatfield Pro		· 1:2 5		
			.25%) 🔲 1000 (<0.1%)			A 600/R-93/116 Section 2.5.5.2		
☐ NIOSH 90	002 (<1	%)		☐ TEM Qualitat	ive via Fi	Itration Prep Technique		
		d 198.1 (friable in	NY)	☐ TEM Qualitat	ive via Di	rop Mount Prep Technique		
		d 198.6 NOB (nor	n-friable-NY)			Other		
OSHA ID-								
☐ Standard	Additio	n Method		<u> </u>		1 12/12/1		
Check For	r Posit	ive Stop – Clearl	y Identify Homogenous	Group Date S	ampled:	10/10/19		
' Samplers Nar	me:	Leven	Latiolois	Samplers :	Signature	3:		
Sample #	HA#		Sample Location		Ţ <u> </u>	Material Description		
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Page 1 of ____ pages

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Page 1 Of



4206 Lincoln leracón

e p (SB) و ا e 🕝 so g (b) sp S Select a Laboratory: 2000 Estimated Quantity 2hik 1'x1 Ceilling Tile 12346 SB **HA General Location** 625 Lab Use Only: Lab Location: Blue & White Sheet Flooring 6 on To of Yellow Sheet Flooring on top of Brown 12" x12" Floor Tiles Albert 9775626160 Rod-painted Cany Transite Rof Shines W/ Black Tac - 2 Boun Packay Sell-Stick - 2 12/x12" Floor T'le - 3 Scorr Sheet Floorly Sell-Stick Jean Sell-Stilk 12"x12" HA Description (Color, Dimensions, Descriptor, then Type) _ stody Form Klark Kod Shingles New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638 Asbestos Bulk Sample Log & Chain' -love Tike 一人のプ Lingsla-١ Sample Location Sample Number いから \(\frac{1}{2}\) 10

APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of HA-01: White 1'x1' ceiling 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-02: Cream self-stick 12"x12" floor tile.



View of HA-04: Brown 12"x12" faux parkay self-stick floor tiles.





View of HA-05: Brown self-stick sheet flooring.

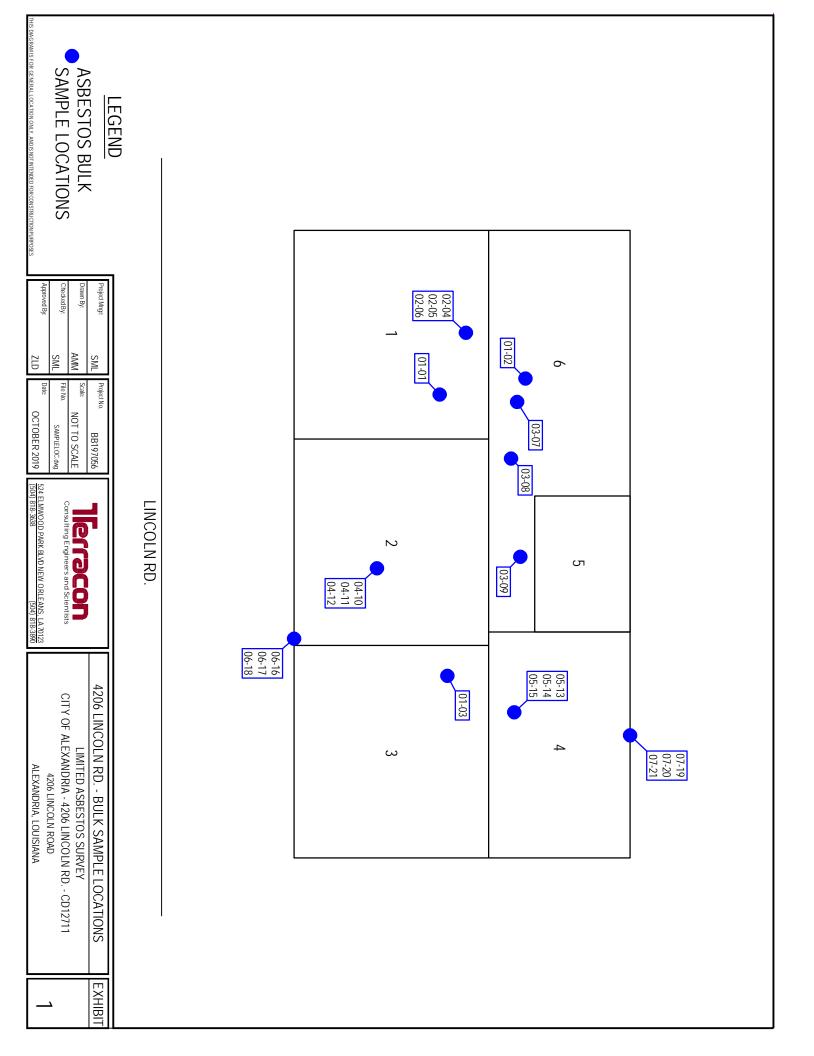


View of HA-07: Black roofing shingle and flashing.



View of HA-06: Red-painted gray transite roof shingles with black tar.

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.

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, of 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 200

Effective Date: July 1, 2019

Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

Air Emissions		i Later III in		
Analyte	Method Name	Method Code	Туре	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	EMSL SOP M005	2887	AIHA	LA
Samples				
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 1150 - Silver	NIOSH 7300	90012401	AIHA	LA
	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium 1175 - Tin	NIOSH 7300	90012401	AIHA	LA
	NIOSH 7300	90012401	Alha	LA
1180 - Titanium 1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Tungsten 1185 - Vanadium	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium 1190 - Zinc	NIOSH 7300	90012401	Alha	LA
	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Th. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
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1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
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1140 - Selenium					
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
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1005 - Antimony					
1010 - Arsenic					
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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	1125 - Potassium	•			
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1190 - Zinc EPA 200.8, Rev.5.4 10014605 NELAP NJ		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.707.007.704			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A ne	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
i 090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	101 56420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1 175 - Tin	EPA 6020B	10156420	NELAP	NJ
l 180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
l 190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize Microscopy	d Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

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.

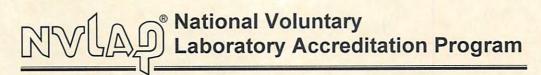
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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.

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.				
e Asbestos afe AC				
oic Yard of				
ial bldgs.) ec. XIII)				
dings)				
wn				
wn				

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 Na	me	Steven Latiolais		Accredited Lab Name	EMSL, Cinnaminson, N	J
Inspector's Acc	cred. No.	MI200658		Lab Accred. No.	131900	
Inspection Date	e .	10/10/2019	(mm/dd/yy)	Analysis Date	10/17/2019	(mm/dd/yy)
	_	lytical method, if appropriates of asbestos material	ate, PLM – EPA	600		
Attach the foll	owing cop	ies: • Signature page of • Lab Analysis Repo	-	ort for inspection date inc ate indicated (above)	dicated (above)	
		of Demolition and Renova nts if inspection or lab ana			Activity Form AAC-2(a) \	will not be processed
V. Approxi	mate Amo	ount of Asbestos				
Removal Time	s (check ap	oplicable times)	Business Ho	ours After Hours	Weekends	Holidays
		Materi	al to be Remove	d	_	M <u>Not</u> to be Removed ition (if applicable)
		RACM		CAT I/CAT II	CAT	I/CAT II
Type of Asbestos Material	TSI Firepi Other	Ceiling Coofing VAT	VAT Piping Other	☐ Transite☐ Mastic Roof flashing	☐ VAT ☐ Mastic ☐ Other	Asphalt Roofing
Amount of Asbestos Material	*ACD = A	Linear Feet Square Feet RACM Cubic Yard ACD* Cubic Yard sbestos-contaminated Del	850 bris	Linear Feet Square Feet ACM Cubic Yard		near Feet uare Feet CM Cubic Yard
VI. Asbestos Removal Contractor Information for RACM/ACD Asbestos Removal Contractor's Name LA Contractor's License No. Mailing Address Supervisor's Accred. Expir. Date (mm/dd/yy)						
City		State Zi	p	Contact Name		
Phone () [‡] A.I. No. Contact Email						
VII. Other Operator/Demolition Contractor (see XVI to add additional contractors or other information)						
Contractor Nar	me			Contact Name		
Mailing Addres	Mailing Address Contact Email					
City			ip	Contact Phone ()	

VIII. Scheduled Dates for Asbestos Removal or Activities that May Action, or ACDA	Disturb Asbestos Material in a Demolition, Renovation, Response
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	Contact Email
Mailing Address	Contact Phone ()
City State Zip	
XI. Provide the following if RACM/ACD is taken to Non-processing	
SW Transporter Name	Physical Location of Non- processing Transfer Station
LDEQ SW Transporter No	City State Zip
Mailing Address	Contact Name
City State Zip	Contact Email
	Contact Phone ()
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	te for RACM (See LAC 33:III.5151.B)
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	
	Contact Name
RAL Name	Contact Name Contact Phone ()
RAL Name Physical Address	Contact Name Contact Phone ()
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Kenna Lavalais	Contact Name
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if gov't Agency Konna Lavalais	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if y Gov't Agency Representative Name Representative's Title March 7, 2017	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if y Gov't Agency Representative Name Representative's Title March 7, 2017	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if y Gov't Agency Representative Name Representative's Title Demolition Program Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017 S Contaminated Debris Activity Form AAC-2(a) will not be processed
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Representative's Title Demolition Program Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for each of the part of the	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017 S Contaminated Debris Activity Form AAC-2(a) will not be processed
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if your Agency Representative Name Representative's Title Demolition Program Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for each additional pages, if necessary.	Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017 Contaminated Debris Activity Form AAC-2(a) will not be processed mergency event indicated by checked "Emergency" box on page 1.) Time of Emergency

-	n how event would cause an unsafe condition (health hazard), equipment e, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)
XV. F	Planned Demolition, Renovation Work, Response Action, or ACDA
Descrip	otion of activity including techniques of removal and facility components
	otion of work practices & engineering controls including os removal and waste handling emission control procedures
	pe procedures to be followed in the event unexpected RACM is or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)
	Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)
I certify Demoli assume	Certification y under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), ition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or ed to be present above the established thresholds as described in this notification are required to be conducted in accordance AC 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 <i>Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)</i> is a violation of LAC 33:III.5151.
Print	ted 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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. 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 <u>July 25, 2017</u> 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/repaired and brought up to the City of Alexandria Property Standard Code or to be reconsidered for Condemnation.

Property Address	Property Owner
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 <u>July 25, 2017</u> 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 <u>September 19, 2017</u> 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/repaired 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 <u>October 31, 2017</u> 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/repaired 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 <u>October 31, 2017</u>, 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 <u>June 13, 2017</u>, 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>	Property Owner
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 13^{th} day of June, 2017.

/s/ Donna Jones

City Clerk

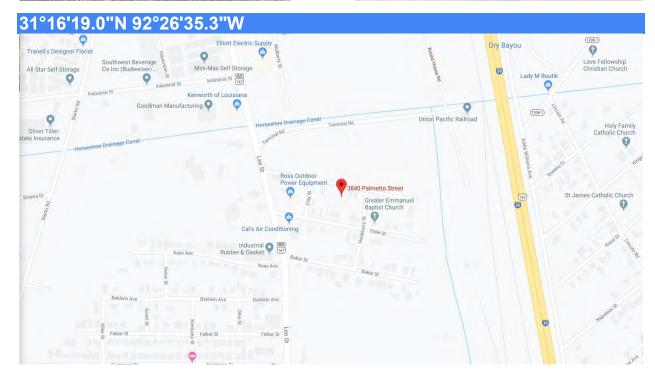
CD-12732 3840 Palmetto Street











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



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

Terracon Consultants, Inc. 1520 N. Hearne Avenue, Suite 120 Shreveport, Louisiana 71107 P [318] 606 7559 terracon.com

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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 (Al#: 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.

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 (Al#: 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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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

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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

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.

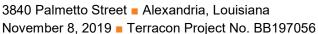
5.2 Special Conditions

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 asbestoscontaining 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 3840 Palmetto Street Alexandria, Louisiana

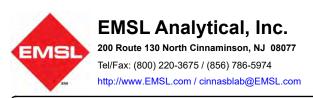
НА	Material Description	Material Location	NESHAP Category	Condition	Friable?	Lab Results	Quantity (Square Feet)
02	Brown sheet flooring	1, 2	RACM	Good	Yes	8% Chrysotile	300 SF

RACM = Regulated ACM

TABLE 2.0 ASBESTOS SURVEY SAMPLE SUMMARY 3840 Palmetto Street Alexandria, Louisiana

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
01	01-01	White wallboard with texture	Ceilings throughout		Wallboard – None Detected
				Good	Joint Compound – None Detected
	01-02				Wallboard – None Detected
					Joint Compound – None Detected
	01-03				Wallboard – None Detected
					Joint Compound – None Detected
	02-04	Brown sheet flooring	1, 2	Good	8% Chrysotile
02	02-05				Not Analyzed (Positive Stop)
	02-06				Not Analyzed (Positive Stop)
03	03-07	Blue and white 12"x12" self-	3, 5	Damaged	None Detected
	03-08				None Detected
	03-09	Suck noor tile			None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Order: 041929895 Customer ID: TCNL25 Customer PO: BB197506

Project ID:

Attention: Steven Latiolais Phone: (504) 818-3638

Terracon Consultants Fax:

 524 Elmwood Park Blvd.
 Received Date:
 10/11/2019 9:20 AM

 Ste. 170
 Analysis Date:
 10/14/2019 - 10/17/2019

New Orleans, LA 70123 Collected Date: 10/10/2019

Project: 3840 Palmetto - BB197506

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

			<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01-Wallboard	3840 - Palmetto - 2 - White Wallboard	Brown/White Fibrous	40% Cellulose	60% Non-fibrous (Other)	None Detected
041929895-0001		Homogeneous			
01-01-Texture	3840 - Palmetto - 2 - Texture	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929895-0001A		Homogeneous			
01-02-Wallboard	3840 - Palmetto - 3 - White Wallboard	Brown/White Fibrous	35% Cellulose	65% Non-fibrous (Other)	None Detected
041929895-0002		Homogeneous			
01-02-Texture	3840 - Palmetto - 3 - Texture	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929895-0002A		Homogeneous			
01-03-Wallboard	3840 - Palmetto - 4 - White Wallboard	Brown/White Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929895-0003		Homogeneous			
01-03-Texture	3840 - Palmetto - 4 - Texture	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929895-0003A		Homogeneous			
02-04	3840 - Palmetto - 1 - Brown Sheet Flooring	Brown Fibrous		92% Non-fibrous (Other)	8% Chrysotile
041929895-0004		Homogeneous			
02-05	3840 - Palmetto - 1 - Brown Sheet Flooring				Positive Stop (Not Analyzed)
041929895-0005					
02-06	3840 - Palmetto - 1 - Brown Sheet Flooring				Positive Stop (Not Analyzed)
041929895-0006					
03-07	3840 - Palmetto - 5 - Blue and White	White/Blue Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929895-0007	Self-stick 12" x 12" Floor Tile	Homogeneous			
03-08	3840 - Palmetto - 5 - Blue and White	White/Blue Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929895-0008	Self-stick 12" x 12" Floor Tile	Homogeneous			
03-09	3840 - Palmetto - 5 - Blue and White	White/Blue Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929895-0009	Self-stick 12" x 12" Floor Tile	Homogeneous			

Initial report from: 10/17/2019 13:05:11



EMSL Order: 041929895 Customer ID: TCNL25 Customer PO: BB197506

Project ID:

Analyst(s)

Edward Zambrano (3) Marvalyn Sandling (7) ancuettra Kingtum

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

OrderID: 041929895



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

041929495

EMSL Anal	ytical, Inc.
200 Route	130 North

Cinnaminson, NJ 98077 Cinnaminson, NJ 980...
PHONE 1-800-220-3676 M. J. FAX: (856)/786-5974

Company : Terrac	con		-Bill to: ☐ Same ☑ Different Different note instructions in Comments**
	ood Park Boulevard Suite 170	Third Party Billing	requires written authorization from third party
City: New Orleans	S State/Province: LA	Zip/Postal Code: 701	
Report To (Name)	: Steven Latiolais	Telephone #: 504-81	8-3638
Email Address: S	steven.latiolais@terracon.com	Fax #:	Purchase Order:
Project Name/Nur	nber: 3840 Rueto/BB197056	Please Provide Resu	
U.S. State Sample			mercial/Taxable Residential/Tax Exempt
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*For TEM Air 3 hr thro	ough 6 hr, please call ahead to schedule.*There is a	premium charge for 3 Hour TEM	AHERA or EPALevel II TAT. You will be asked to sign
	on form for this service. Analysis completed in acco M - Bulk (reporting limit)	rdance with EMSL'S Terms and	TEM – Bulk
☑ PLM EPA 600/F		☐ TEM EPA NOB – EPA	A 600/R-93/116 Section 2.5.5.1
PLM EPA NOB	and the same of th	NY ELAP Method 198	1
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**************************************	/imetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)		A 600/R-93/116 Section 2.5.5.2
☐ NIOSH 9002 (<	:1%)	☐ TEM Qualitative via F	iltration Prep Technique
	od 198.1 (friable in NY)	☐ TEM Qualitative via □	Prop Mount Prep Technique
☐ NY ELAP Meth	od 198.6 NOB (non-friable-NY)		Other
│			
☐ Standard Addit	ion Method	<u> </u>	
Check For Pos	itive Stop – Clearly Identify Homogenous	Group Date Sampled:	10/10/19
Samplers Name:	Steven Latiolais	Samplers Signatu	e: 5
Sample # UA #	Sample Leastion		Motorial Description
Sample # HA#	Sample Location		Material Description
Sample # HA#	Sample Location Please See Attache	rd	Material Description
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Sample # HA#	Olar a Allash	rd .	Material Description
Sample # HA #	Olar a Allash	d	Material Description
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Sample # HA #	Please See Attache	d	Material Description Total # of Samples:
	Please See Attache	te: 10/10/19	
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Client Sample # (s Relinquished (Clie Received (Lab): Comments/Specia	Please See Attache ent): Statet Da Control of Da	te: [0-[1.	Total # of Samples:

3840 Palmetto Aspestos Bulk

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APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of HA-01: White wallboard with texture.

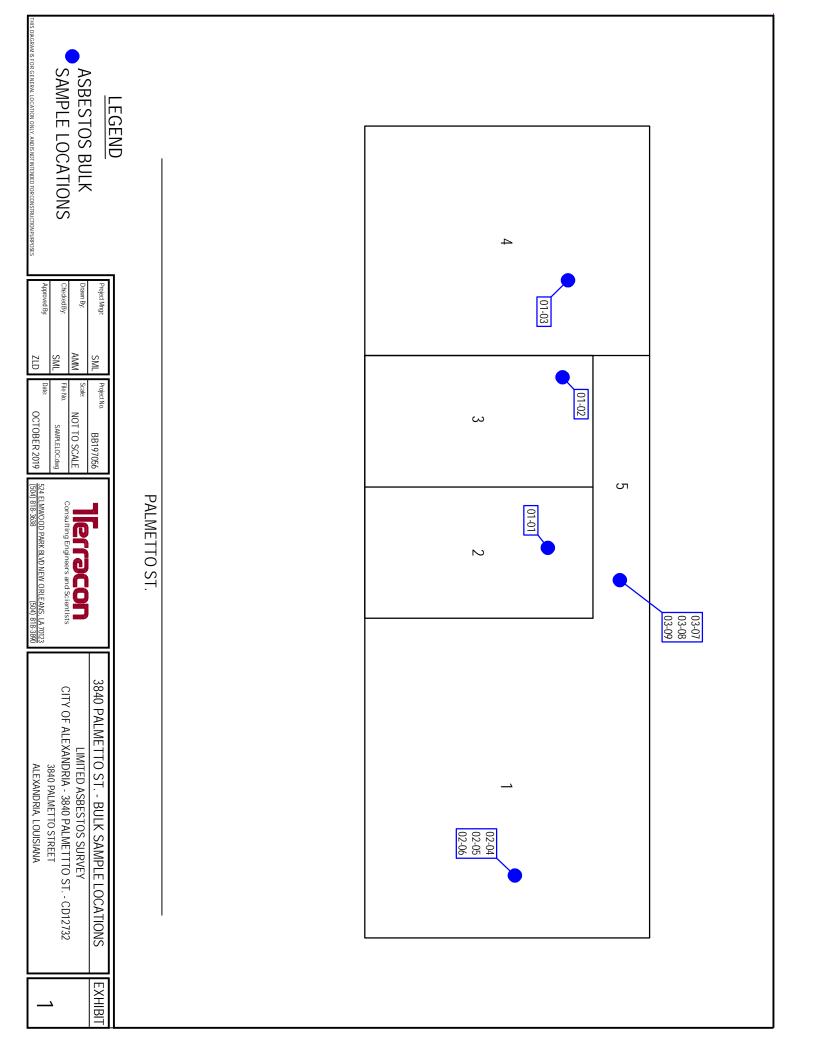


View of HA-03: Blue and white 12"x12" self-stick floor tile.



View of HA-02: Brown sheet flooring.

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.

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, of 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 200

Effective Date: July 1, 2019

Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

Air Emissions		i Later III in		
Analyte	Method Name	Method Code	Туре	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	EMSL SOP M005	2887	AIHA	LA
Samples				
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 1150 - Silver	NIOSH 7300	90012401	AIHA	LA
	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium 1175 - Tin	NIOSH 7300	90012401	AIHA	LA
	NIOSH 7300	90012401	Alha	LA
1180 - Titanium 1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Tungsten 1185 - Vanadium	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium 1190 - Zinc	NIOSH 7300	90012401	Alha	LA
	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

Th. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium					
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium 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 1055 - 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					
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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	1105 - Nickel	EPA 200.8, Rev.5.4			
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	1125 - Potassium	•			
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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					
1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ		•			
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1185 - Vanadium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1190 - Zinc EPA 200.8, Rev.5.4 10014605 NELAP NJ		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.707.007.704			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A ne	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

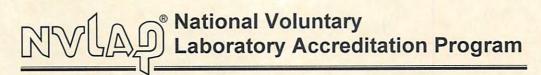
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 Verifica	ation 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	s below established thresholds, and no ACM will be removed, use Asbestos							
Notification of Demolition (Negative Declaration) Form AAC								
condition (or health hazard), equipmer	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 n RACM per operation (indicate total volume in Section	on-scheduled operations for repair or maintenance less than 1 Cubic Yard of V as bin size).							
	,							
II. Type of Operation (check only one box)								
Reno & Demo (ACM or RACM removal & subsequent	· =							
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?							
III. Facility Description								
Facility Name Residential Structure	Project Designer Info (schools, state, public or commercial buildings)							
Physical Address 3840 Palmetto Street	Name							
City Alexandria State LA Zip 71301	LA Accred. No.							
Parish Rapides Parish	Building Size (sq. ft.) 800							
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	Procent Classic Classi							
City State Zip	Present ☐ School ☐ State Bldg. ☐ Public/Commercial Use ☐ Residential ☐ Industrial ☐ Installation ☐ Other Blighted property.							
Contact Phone ()	Prior School State Bldg. Public/Commercial							
Contact Email	Use Residential Industrial Installation							
	Other							

IV. Determ	ination of A	A	sbestos Detern ommercial labo	ned Asbestos Present (nined to be Present Pratory that is accredite te the items below)	er Inspe	ction and/or Lab	Analysis from a
Inspector's Na	me _	Steven Latiolais		Accredited Lab Nan	ne EMS	SL Cinnaminson, I	New Jersey
Inspector's Acc	cred. No	MI200658		Lab Accred. No.	1319	900	
Inspection Dat	e _	10/10/2019	(mm/dd/yy)	Analysis Date	10/1	17/2019	(mm/dd/yy)
	_	ytical method, if appropriatice of asbestos material	te, PLM – EPA	600			
NOTE: The <i>No</i>	otification o	ies: Signature page of i Lab Analysis Report of Demolition and Renovations if inspection or lab anal	rt for analysis d ion and Asbesto	ate indicated (above) os Contaminated Debr) will not be processed
V. Approxi	imate Amo	unt of Asbestos					
Removal Time	s (check ap	plicable times)	Business H	ours 🗌 After Hour	rs	Weekends	Holidays
		Materia	l to be Remove	d		_	CM <u>Not</u> to be Removed plition (if applicable)
		RACM		CAT I/CAT II		CA	T I/CAT II
Type of Asbestos Material		Ceiling oofing VAT Sheet flooring	VAT Piping Other	☐ Transite☐ Mastic		☐ VAT ☐ Mastic ☐ Other	Asphalt Roofing
Amount of Asbestos Material	300 *ACD = A	Linear Feet Square Feet RACM Cubic Yard ACD* Cubic Yard sbestos-contaminated Deb	ris	Linear Feet Square Feet ACM Cubic Yard			inear Feet Square Feet ACM Cubic Yard
Asbestos Remo Contractor's N	oval ame [‡]	Contractor Information fo	·	On-site Supervisor's Name			
LA Contractor'				On-site Supervisor's A			
Mailing Address				Supervisor's Accred. E	Expir. Da	te	(mm/dd/yy)
		State Zip		Contact Name			
Phone ()		[‡] A.I. No		Contact Email			
VII. Other O	perator/D	emolition Contractor (see	XVI to add addi	tional contractors or o	other inf	ormation)	
Contractor Nar	me			Contact Name			
Mailing Addres	ss			Contact Email			
City		State Zip)	Contact Phone ()		

VIII. Scheduled Dates for Asbestos Removal or Activities that May Action, or ACDA	Disturb Asbestos Material in a Demolition, Renovation, Response
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	Contact Email
Mailing Address	Contact Phone ()
City State Zip	
XI. Provide the following if RACM/ACD is taken to Non-processing SW Transporter Name LDEQ SW Transporter No Mailing Address	Physical Location of Non- processing Transfer Station City State Zip Contact Name
City State Zip	Contact Email
	Contact Phone ()
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	
RAL Name	Contact Name
RAL Name Physical Address	Contact Name Contact Phone ()
RAL Name	Contact Name Contact Phone ()
RAL Name Physical Address	Contact Name Contact Phone ()
RAL Name Physical Address	Contact Name
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Representative's Title Demolition Program Manager May 16, 2017	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Representative's Title Demolition Program Manager May 16, 2017	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9656-2017
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if y Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Program Manager Date Issued May 16, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos	Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9656-2017 a Contaminated Debris Activity Form AAC-2(a) will not be processed
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Program Manager Date Issued May 16, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for each of the page of t	Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9656-2017 a Contaminated Debris Activity Form AAC-2(a) will not be processed
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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. F	Planned Demolition, Renovation Work, Response Action, or ACDA	
Descrip	otion of activity including techniques of removal and facility components	
	otion of work practices & engineering controls including os removal and waste handling emission control procedures	
	pe procedures to be followed in the event unexpected RACM is or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)	
	Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)	
I certify Demoli assume	Certification y under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), ition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or ed to be present above the established thresholds as described in this notification are required to be conducted in accordance AC 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 <i>Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)</i> is a violation of LAC 33:III.5151.	
Print	ted 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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 3rd 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 <u>June 27, 2017</u> 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/repaired 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 5th 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 <u>June 27, 2017</u> 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	Foster C. Payne
(Larvadain abstain on the above)	
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

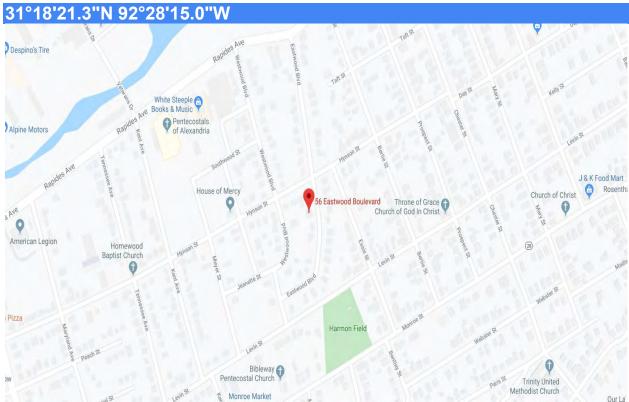
CD-12572 56 Eastwood Avenue











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



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

Senior Engineer

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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 (Al#: 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.

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 (Al#: 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.





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





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

56 Eastwood Boulevard ■ 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 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).





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 asbestoscontaining 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





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

НА	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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	01-01			Significantly	None Detected
01	01-02	White popcorn ceiling texture	Ceilings in 2, 5, 10	Damaged	None Detected
	01-03	1		Damagea	None Detected
	02-04				None Detected
02	02-05	White pinhole 1'x1' ceiling tile	1	Damaged	None Detected
	02-06				None Detected
	03-07				None Detected
03	03-08	Smooth white 1'x1' ceiling tile	7, 8	Damaged	None Detected
	03-09]			None Detected
	04-10				Drywall – None Detected Joint Compound – 4% Chrysotile Composite – <1% Chrysotile
04	04-11	White drywall with joint compound	Throughout	Damaged	Drywall – None Detected Joint Compound - Insufficient Material Composite – None Detected
	04-12				Drywall – None Detected Joint Compound – Positive Stop (Not Analyzed) Composite – <1% Chrysotile
	05-13				8% Chrysotile
05	05-14	Blue heat shield	6	Damaged	Positive Stop (Not Analyzed)
	05-15				Positive Stop (Not Analyzed)
	06-16				3% Chrysotile
06	06-17	White window glazing	All windows	Damaged	Positive Stop (Not Analyzed)
	06-18				Positive Stop (Not Analyzed)

TABLE 2.0 cont. ASBESTOS SURVEY SAMPLE SUMMARY 56 Eastwood Boulevard Alexandria, Louisiana

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	07-19				Brown Flooring – None Detected Backing – None Detected White Flooring – None Detected Backing – None Detected
07	07-20	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
	07-21				Brown Flooring – None Detected Backing – None Detected White Flooring – None Detected Backing – None Detected
	08-22				2% Chrysotile
08	08-23	Black sink undercoat	2	Good	Positive Stop (Not Analyzed)
	08-24	1			Positive Stop (Not Analyzed)
	09-25	Disabased odeita 40%-40% - alf			None Detected
09	09-26	Black and white 12"x12" self- stick floor tile	2	Damaged	None Detected
	09-27	Stick floor tile			None Detected
	10-28	Brown faux ceramic tile self-			None Detected
10	10-29	stick sheet flooring	2	Damaged	None Detected
	10-30	Stick sheet hoofing			None Detected
	11-31				Tile – None Detected Mastic – None Detected
11	11-32	Rust brown 12"x12" floor tile with black mastic	7	Damaged	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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	12-34				Tile – 2% Chrysotile Adhesive – None Detected
12	12-35	White 12"x12" floor tile with yellow adhesive	1	Damaged	Tile – Positive Stop (Not Analyzed) Adhesive – None Detected
	12-36				Tile – Positive Stop (Not Analyzed) Adhesive – None Detected
	13-37				None Detected
13	13-38	Black vapor barrier	Behind siding	Damaged	None Detected
	13-39				None Detected
	14-40				Shingle – None Detected
	14-40				Paper – None Detected
14	14-41	Black roof shingle and black felt	Roof	Damaged	Shingle – None Detected
14	14-41	paper	Rooi	Damageu	Paper – None Detected
	14-42				Shingle – None Detected
	14-42				Paper – None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Project ID:

Attention: Steven Latiolais Phone: (504) 818-3638

Terracon Consultants Fax:

 524 Elmwood Park Blvd.
 Received Date:
 10/11/2019 9:20 AM

 Ste. 170
 Analysis Date:
 10/14/2019 - 10/29/2019

New Orleans, LA 70123 Collected Date: 10/08/2019

Project: 56 Eastwood / BB197056

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

			Non-Asbe	<u>stos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01	56 Eastwood - 2 -	White		100% Non-fibrous (Other)	None Detected
041929875-0001	White Popcorn Ceiling Texture	Non-Fibrous Homogeneous			
01-02	56 Eastwood - 5 -	White		100% Non-fibrous (Other)	None Detected
01 02	White Popcorn	Non-Fibrous			
041929875-0002	Ceiling Texture	Homogeneous			
01-03	56 Eastwood - 10 - White Popcorn	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929875-0003	Ceiling Texture	Homogeneous			
02-04	56 Eastwood - 1 -	Brown/White	85% Cellulose	15% Non-fibrous (Other)	None Detected
	White Pinhole 1'x1'	Fibrous			
041929875-0004	Ceiling Tile	Homogeneous	050/ 0 - 11-1	450/ Nov. 51 (Otton)	Non-But-stat
02-05	56 Eastwood - 1 - White Pinhole 1'x1'	Brown/White Fibrous	85% Cellulose	15% Non-fibrous (Other)	None Detected
041929875-0005	Ceiling Tile	Homogeneous			
02-06	56 Eastwood - 1 -	Brown/White	85% Cellulose	15% Non-fibrous (Other)	None Detected
041929875-0006	White Pinhole 1'x1' Ceiling Tile	Fibrous Homogeneous			
03-07	56 Eastwood - 8 -	Brown/White	85% Cellulose	15% Non-fibrous (Other)	None Detected
00 07	Smooth White 1'x1'	Fibrous	00 % Collai000	107011011 1151040 (041101)	None Botolog
041929875-0007	Ceiling Tile	Homogeneous			
03-08	56 Eastwood - 8 -	Brown/White	85% Cellulose	15% Non-fibrous (Other)	None Detected
041929875-0008	Smooth White 1'x1' Ceiling Tile	Fibrous Homogeneous			
03-09	56 Eastwood - 7 -	Brown/White	85% Cellulose	15% Non-fibrous (Other)	None Detected
	Smooth White 1'x1'	Fibrous			
041929875-0009	Ceiling Tile	Homogeneous	000/ 0 # 1	2007 N. 51 (011)	N. D
04-10-Drywall	56 Eastwood - 8 - White Drywall	Brown/White Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929875-0010		Homogeneous			
04-10-Joint Compound	56 Eastwood - 8 -	White		96% Non-fibrous (Other)	4% Chrysotile
041929875-0010A	Joint Compound	Non-Fibrous Homogeneous			
04-10-Composite	56 Eastwood - 8 -	Brown/White	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
o i io composito	White Drywall / Joint	Fibrous	1270 Collabor	Solve Horn Horodo (Othor)	170 Sinysome
041929875-0010B	Compound	Heterogeneous			
04-11-Drywall	56 Eastwood - 9 -	Brown/White	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929875-0011	White Drywall	Fibrous Homogeneous			
04-11-Joint Compound	56 Eastwood - 9 -				Insufficient Material
·	Joint Compound				
041929875-0011A	56 Footwood 0	Provin/M/hita	15% Callulana	95% Non fibrary (Other)	None Detected
04-11-Composite	56 Eastwood - 9 - White Drywall / Joint	Brown/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929875-0011B	Compound	Homogeneous			
No joint compound present.					
04-12-Drywall	56 Eastwood - 10 -	Brown/White	30% Cellulose	70% Non-fibrous (Other)	None Detected
041929875-0012	White Drywall	Fibrous Homogeneous			

Project ID:

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

			Non	-Asbestos	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
04-12-Joint Compound	56 Eastwood - 10 - Joint Compound				Positive Stop (Not Analyzed)
041929875-0012A					
04-12-Composite	56 Eastwood - 10 - White Drywall / Joint	Brown/White Fibrous	12% Cellulose	88% Non-fibrous (Other)	None Detected
041929875-0012B	Compound	Heterogeneous			
05-13	56 Eastwood - 6 - Blue Heat Shield	Blue Fibrous		92% Non-fibrous (Other)	8% Chrysotile
041929875-0013		Homogeneous			
05-14	56 Eastwood - 6 - Blue Heat Shield				Positive Stop (Not Analyzed)
41929875-0014	50 5				Desiring Other (Net Assets as II)
05-15	56 Eastwood - 6 - Blue Heat Shield				Positive Stop (Not Analyzed)
41929875-0015	50.5 1 10	140.0		070(N	00/ 01 - 11
06-16 041929875-0016	56 Eastwood - 10 - White Window Glazing	White Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
	56 Eastwood - 10 -	Homogeneous			Positive Stop (Not Analyzed)
06-17 041929875-0017	White Window Glazing				Positive Stop (Not Analyzed)
	56 Eastwood - 9 -				Positive Stop (Not Analyzed)
06-18 041929875-0018	White Window Glazing				Positive Stop (Not Arialyzed)
	56 Eastwood - 2 -	Brown		100% Non fibrous (Other)	None Detected
7-19-Sheet Flooring	Brown Faux Wood Sheet Flooring	Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7-19-Backing	56 Eastwood - 2 -	Gray	70% Cellulose	30% Non-fibrous (Other)	None Detected
41929875-0019A	Fiber Backing	Fibrous Homogeneous	7070 Genulose	30 % Non-librous (Other)	None Detected
7-19-Sheet Flooring	56 Eastwood - 2 -	White		100% Non-fibrous (Other)	None Detected
41929875-0019B	White Faux Ceramic Tile Sheet Flooring	Non-Fibrous Homogeneous		100 /0 11011 1121000 (0 1101)	10.10 20.00.00
07-19-Backing	56 Eastwood - 2 -	Gray	65% Cellulose	25% Non-fibrous (Other)	None Detected
141929875-0019C	Fiber Backing	Fibrous Homogeneous	10% Glass		
7-20-Sheet Flooring	56 Eastwood - 2 -	Brown		100% Non-fibrous (Other)	None Detected
141929875-0020	Brown Faux Wood Sheet Flooring	Non-Fibrous Homogeneous			200000
07-20-Backing	56 Eastwood - 2 -	Gray	60% Cellulose	40% Non-fibrous (Other)	None Detected
- • 9	Fiber Backing	Fibrous		(=/	
41929875-0020A		Homogeneous			
7-20-Sheet Flooring	56 Eastwood - 2 - White Faux Ceramic	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929875-0020B	Tile Sheet Flooring	Homogeneous			
07-20-Backing	56 Eastwood - 2 - Fiber Backing	Gray Fibrous	60% Cellulose 5% Glass	35% Non-fibrous (Other)	None Detected
041929875-0020C	50.5 /	Homogeneous		1000/ 11 - 51 - (51)	
77-21-Sheet Flooring	56 Eastwood - 2 - Brown Faux Wood	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
141929875-0021	Sheet Flooring	Homogeneous	050/ 0 151	250/ Non-Share (20)	Many Districts I
07-21-Backing	56 Eastwood - 2 - Fiber Backing	Gray Fibrous	65% Cellulose	35% Non-fibrous (Other)	None Detected
041929875-0021A	50 Fhur -1 -0	Homogeneous		4000/ Non-Elmon-(Oll)	Mana Data da I
07-21-Sheet Flooring	56 Eastwood - 2 - White Faux Ceramic Tile Sheet Flooring	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
77 132301 J-002 ID	The oneer Flooring	riomogeneous			

Project ID:

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

			Non-Asbe	<u>stos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
07-21-Backing	56 Eastwood - 2 - Fiber Backing	Gray Fibrous Homogeneous	65% Cellulose 10% Glass	25% Non-fibrous (Other)	None Detected
08-22	56 Eastwood - 2 - Black Sink Undercoat	Black Non-Fibrous		98% Non-fibrous (Other)	2% Chrysotile
041929875-0022	56 Eastwood - 2 - Black Sink Undercoat	Homogeneous			Positive Stop (Not Analyzed)
041929875-0023	Black of it of acrood				
08-24	56 Eastwood - 2 - Black Sink Undercoat				Positive Stop (Not Analyzed)
041929875-0024					
09-25	56 Eastwood - 2 - Black and White 12"x12" Self-stick	White/Black Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (Other)	None Detected
541929015-0025	Floor Tile	Homogeneous			
09-26 041929875-0026	56 Eastwood - 2 - Black and White 12"x12" Self-stick	White/Black Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (Other)	None Detected
	Floor Tile				
09-27	56 Eastwood - 2 - Black and White	White/Black Fibrous	5% Synthetic	95% Non-fibrous (Other)	None Detected
041929875-0027	12"x12" Self-stick Floor Tile	Homogeneous			
10-28	56 Eastwood - 2 - Brown Faux Ceramic	Brown Fibrous	5% Synthetic	95% Non-fibrous (Other)	None Detected
041929875-0028	Tile Sheet Flooring Self-stick	Homogeneous			
10-29	56 Eastwood - 2 - Brown Faux Ceramic	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929875-0029	Tile Sheet Flooring Self-stick	Homogeneous			
10-30	56 Eastwood - 2 - Brown Faux Ceramic	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929875-0030	Tile Sheet Flooring Self-stick	Homogeneous			
11-31-Floor Tile	56 Eastwood - 7 - Rust Brown 12"x12"	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929875-0031	Floor Tile	Homogeneous			
11-31-Mastic	56 Eastwood - 7 - Black Mastic	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929875-0031A	FG Cookers of 7	Homogeneous		1000/ Non 5h (Oth)	None Data ataul
11-32-Floor Tile 041929875-0032	56 Eastwood - 7 - Rust Brown 12"x12" Floor Tile	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-32-Mastic	56 Eastwood - 7 - Black Mastic	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929875-0032A		Homogeneous			
11-33-Floor Tile	56 Eastwood - 7 - Rust Brown 12"x12"	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929875-0033	Floor Tile	Homogeneous			
11-33-Mastic	56 Eastwood - 7 - Black Mastic	Black Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929875-0033A 12-34-Floor Tile	56 Eastwood - 1 -	Homogeneous White		98% Non-fibrous (Other)	2% Chrysotile
041929875-0034	White 12"x12" Floor Tile	Non-Fibrous Homogeneous			



Project ID:

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

			Non-Asbe	<u>stos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
12-34-Adhesive	56 Eastwood - 1 - Yellow Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-35-Floor Tile	56 Eastwood - 1 - White 12"x12" Floor Tile				Positive Stop (Not Analyzed)
12-35-Adhesive	56 Eastwood - 1 - Yellow Adhesive	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929875-0035A		Homogeneous			
12-36-Floor Tile	56 Eastwood - 1 - White 12"x12" Floor Tile				Positive Stop (Not Analyzed)
12-36-Adhesive	56 Eastwood - 1 - Yellow Adhesive	Yellow Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929875-0036A		Homogeneous			
13-37	56 Eastwood - 2 - Black Vapor Barrier	Black Fibrous	40% Cellulose	60% Non-fibrous (Other)	None Detected
041929875-0037		Homogeneous			
13-38 041929875-0038	56 Eastwood - 2 - Black Vapor Barrier	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
13-39	56 Eastwood - 8 -	Black	60% Cellulose	40% Non-fibrous (Other)	None Detected
041929875-0039	Black Vapor Barrier	Fibrous Homogeneous	00 % Cellulose	40 % Non-ilbrous (Other)	Notice Detected
14-40-Shingle	56 Eastwood - Roof - Black Roof Shingle	Black Fibrous	25% Cellulose	75% Non-fibrous (Other)	None Detected
041929875-0040		Homogeneous			
14-40-Felt Paper	56 Eastwood - Roof - Black Felt Paper	Black Fibrous	30% Glass	70% Non-fibrous (Other)	None Detected
041929875-0040A		Homogeneous			
14-41-Shingle	56 Eastwood - Roof - Black Roof Shingle	Black Fibrous	30% Cellulose	70% Non-fibrous (Other)	None Detected
041929875-0041		Homogeneous			
14-41-Felt Paper	56 Eastwood - Roof - Black Felt Paper	Black Fibrous	30% Glass	70% Non-fibrous (Other)	None Detected
	FO Factor of Doct	Homogeneous	200/ 0 11-1	700/ Non-Share (Oll)	Nama Districts d
14-42-Shingle 041929875-0042	56 Eastwood - Roof - Black Roof Shingle	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
14-42-Felt Paper	56 Eastwood - Roof - Black Felt Paper	Black Fibrous	30% Glass	70% Non-fibrous (Other)	None Detected
041929875-0042A	DIACK I CIL FAPEI	Homogeneous			

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



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041929875

EMSL Analytical, Inc.
200 Route 130, North

CINIVA FINESC

Cinnamirison (N) 98077

2019 Finese; 1-800-220-3675

FAX: (856) 789:5974

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City: New			State/Province: LA	Zip/Postal Code		Country: US
		Steven Latiolais		Telephone #: 5	04-818-3638	
		even.latiolais@t		Fax#:		Purchase Order:
		ber: 56 East	wood /BB/97050	Please Provide		x V_Email Mail
U.S. State	Samples	Taken: LA	Turnaround Time (T			cable Residential/Tax Exempt
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*For TEM Ai	r 3 hr throu	gh 6 hr, please call a	head to schedule.*There is a p	remium charge for 3 Ho	ur TEM AHERA or EF	A Level II TAT. You will be asked to sign at the Analytical Price Guide.
an a		/ - Bulk <u>(reporti</u> n		lance with Elvist's Ten	TEM -	
X PLM EP		93/116 (<1%)	<u></u>	☐ TEM EPA NOB		116 Section 2.5.5.1
PLM EP				NY ELAP Meth	od 198.4 (TEM)	
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Point Coun	t w/Gravi	metric 🗌 400 (<0	.25%) 🔲 1000 (<0.1%)	☐ TEM % by Mas	s - EPA 600/R-93	/116 Section 2.5.5.2
☐ NIOSH	9002 (<1	1%)		☐ TEM Qualitative	e via Filtration Pre	o Technique
☐ NY ELA	AP Metho	d 198.1 (friable in	NY)	☐ TEM Qualitative	e via Drop Mount F	Prep Technique
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Check F	or Posit	ive Stop – Cleari	y identify Homogenous	Group Date San	npled: (O/	8/19
Samplers Name: Steven Latiola - S				Samplers Sig	gnature:	
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Client Sam Relinquish Received (ple # (s): ed (Clier	it): Sth	L. Loden	e: 10/9/19		f Samples: 42

Ord	lerID: 04192	9875	55-15	04-10	03-07	07-00.	01-03 .	Sample Number	New Orleans: 524 E		
							Sotastwood	Sample Location	Imwood Park Blvd., Ste	Con	56 Eastwood
Min	からない	700 Z	6 6 1	100 m	.8 Smooth .7 Ceiling	-) Whik	10 18°	on P	New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638	Asbestos Bulk Sample Log	800
Fibe Back	taugh woods	\mathcal{Z}	Due Hea	but la	Snooth White Ceiling Tile	eiling Tile	cor led	HA Description (Color, Dimensions, Descriptor, then Ty	70123 (504) 818 3638	mple Log & Chain of	
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Condition1	Estimated Quantity	HA General Location	reation (Color, Dimensions, Descriptor, then Type)	Sample Location	Sample Number
of	Page	Lab Location:	New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638	Elmwood Park Blvd	New Orleans: 524
	Select a Laboratory	Lab Use Only: S	Asbestos Bulk Sample Log & Chain of Ody Form		
		(<u>)</u>	Ste Eastween Orl 97875	56	
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APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of HA-01: White popcorn ceiling texture.



View of HA-03: Smooth white 1'x1' ceiling tile.



View of HA-02: White pinhole 1'x1' ceiling tile.



HA-04: White drywall with joint compound.





View of HA-05: Blue heat shield.



View of HA-07: Brown faux wood sheet flooring with fiber backing atop white faux ceramic tile sheet flooring with fiber backing.



View of HA-06: White window glazing.



HA-08: Black sink undercoat.





View of HA-09: Black and white 12"x12" selfstick floor tile.



View of HA-11: Rust brown 12"x12" floor tile with black mastic.



View of HA-10: Brown faux ceramic tile self-stick sheet flooring.



HA-12: White 12"x12" floor tile with yellow adhesive.



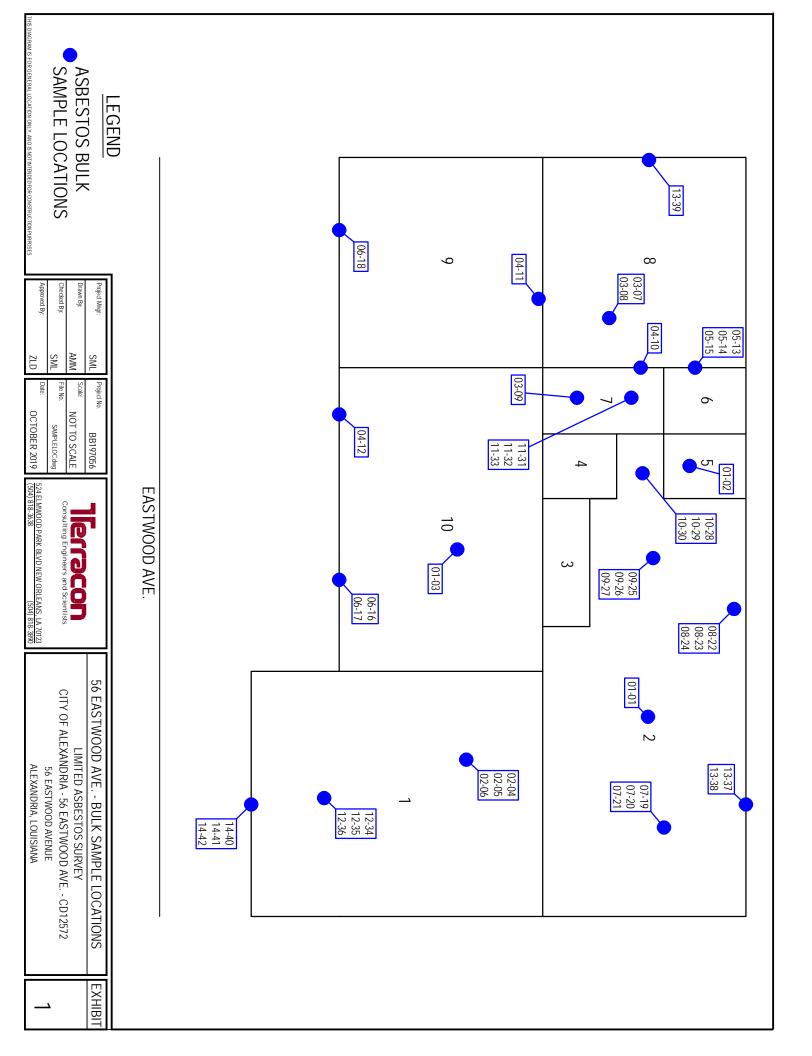


View of HA-13: Black vapor barrier.



View of HA-14: Black roof shingle and black felt paper.

APPENDIX D EXHIBITS



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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
Air Emissions	Malerin	W De l'article de	ALO TO PRODUCE	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

Th. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

Non rotable water				
Analyte	Method Name	Method Code	Туре	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 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1030 - Cadmium	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1035 - Calcium	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	ИJ
1040 - Chromium	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1050 - Cobalt	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1055 - Copper	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1070 - Iron	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1075 - Head	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4			NJ NJ
1075 - Leau 1085 - Magnesium	EPA 200.7, Rev.4.4 EPA 200.7, Rev.4.4	10013806 10013806	NELAP NELAP	
1090 - Manganese				NJ
1090 - Manganese 1100 - Molybdenum	EPA 200.7, Rev.4.4	10013806	NELAP NELAD	NJ
	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
1 105 - Nickel 1 125 - Potassium	EPA 200.7, Rev.4.4	10013806	NELAP	NJ
	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
- U WEAR WARRA WARR 7 A	on by tour bu	2000/001	TAPPLE	143

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials			- K	
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.60. 007.764			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOA1	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT WICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	711111	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP	NJ
1175 - Tin	EPA 6010D EPA 6010D	10155916	NELAP NELAP	NJ 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		A ne	Al Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
i 090 - Manganese	EPA 6020B	10156420	NELAP	NJ
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

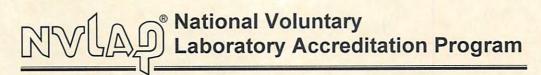
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 Verifica	tion 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 tripped, dislodged, cut, drilled, or similarly disturbed in a school or state building, or as otherwise required by LAC 33:III.5151.F.1.				
Notification of Demolition (Negative Declaration) Form AAC Emergency Note: Emergency notification is allowa condition (or health hazard), equipmen	below established thresholds, and no ACM will be removed, use Asbestos -2(b). ble only for a sudden, unexpected event that would cause an unsafe t damage, or would pose an unreasonable financial burden, per LAC stify 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 no RACM per operation (indicate total volume in Section	on-scheduled operations for repair or maintenance less than 1 Cubic Yard of V as bin size).			
II. Type of Operation (check only one box) Reno & Demo (ACM or RACM removal & subsequent of RACM Demo (entire structure treated as RACM) Is structure being demolished under order of a state or local generation.	Response Action (schools, state, public or commercial bldgs.)			
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	Present School State Bldg. Public/Commercial			
City State Zip	Present School State Bldg. Public/Commercial Use Residential Industrial Installation Other Blighted property.			
Contact Phone () Contact Email	Prior School State Bldg. Public/Commercial Use Residential Industrial Installation Other			

IV. Determ	As co	bestos Determ mmercial labor	ned Asbestos Present (if on the distance of the present of the present of the distance of the	Inspection and/or Lab	Analysis from a
Inspector's Na	me Steven Latiolais		Accredited Lab Name	EMSL Cinnaminson, N	lew Jersey
Inspector's Acc	cred. No. MI200658		Lab Accred. No.	131900	
Inspection Dat	e <u>10/08/2019</u>	_(mm/dd/yy)	Analysis Date	10/29/2019	(mm/dd/yy)
	luding analytical method, if appropriat the presence of asbestos material	e, PLM – EPA (600		
NOTE: The <i>No</i>	owing copies: • Signature page of in • Lab Analysis Report tification of Demolition and Renovation attachments if inspection or lab analy	t for analysis da on and Asbesta	ate indicated (above) os Contaminated Debris A		will not be processed
V. Approxi	mate Amount of Asbestos				
Removal Time	s (check applicable times)	Business Ho	ours After Hours	Weekends	Holidays
	Material	to be Remove	d	_	CM <u>Not</u> to be Removed lition (if applicable)
	RACM		CAT I/CAT II	CA	T I/CAT II
Type of Asbestos Material	☐ TSI ☐ Ceiling ☐ Fireproofing ☐ VAT ☐ Other ☐ Glazing, heat shield		Transite Mastic Sink coating	VAT Mastic Other	Asphalt Roofing
Amount of Asbestos Material	Linear Feet 60 Square Feet RACM Cubic Yard ACD* Cubic Yard *ACD = Asbestos-contaminated Debr	200 is	Linear Feet Square Feet ACM Cubic Yard	s	inear Feet quare Feet CM Cubic Yard
Asbestos Remo	os Removal Contractor Information for oval ame [‡]	·	On-site Supervisor's Name		
LA Contractor'	s License No.		On-site Supervisor's Acc	red. No	
Mailing Addres	SS		Supervisor's Accred. Exp	ir. Date	(mm/dd/yy)
	State Zip		Contact Name		
Phone ()	‡A.I. No		Contact Email		
VII. Other O	perator/Demolition Contractor (see X	VI to add addi	tional contractors or oth	er information)	
Contractor Nar	me		Contact Name		
Mailing Addres	ss		Contact Email		
City	State Zip		Contact Phone ()	

VIII. Scheduled Dates for Asbestos Removal or Activities that May Action, or ACDA	Disturb Asbestos Material in a Demolition, Renovation, Response
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	Contact Email
Mailing Address	Contact Phone ()
City State	
XI. Provide the following if RACM/ACD is taken to Non-processing	
SW Transporter Name	Physical Location of Non- processing Transfer Station
LDEQ SW Transporter No	City State Zip
Mailing Address	Contact Name
City State Zip	Contact Email
	Contact Phone ()
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	te for RACM (See LAC 33:III.5151.B)
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	
	Contact Name
RAL Name	Contact Name Contact Phone ()
RAL Name Physical Address	Contact Name Contact Phone ()
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if Gov't Agency Representative Name Kenna Lavalais	Contact Name Contact Phone () Mailing Address City State Zip
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Program Manager	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Program Manager	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Program Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017 S Contaminated Debris Activity Form AAC-2(a) will not be processed
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Program Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for each of the state of	Contact Name Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017 S Contaminated Debris Activity Form AAC-2(a) will not be processed
RAL Name Physical Address City State Zip XIII. Governmental Agency Ordered Demolition (Complete only if a Gov't Agency Representative Name Kenna Lavalais Representative's Title Demolition Program Manager Date Issued March 7, 2017 (mm/dd/yy) Attach a copy of the Demolition Order from the governmental agency NOTE: The Notification of Demolition and Renovation and Asbestos without this attachment. XIV. Emergency Renovations Involving RACM (Complete only for each additional pages, if necessary.	Contact Phone () Mailing Address City State Zip you checked "Yes" in Section II) City of Alexandria, LA Government Agency Community Development Department Date Ordered to Begin (mm/dd/yy) y identified (above). City Resolution 9633-2017 a Contaminated Debris Activity Form AAC-2(a) will not be processed emergency event indicated by checked "Emergency" box on page 1.) Time of Emergency

-	n how event would cause an unsafe condition (health hazard), equipment e, or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)
XV. F	Planned Demolition, Renovation Work, Response Action, or ACDA
Descrip	otion of activity including techniques of removal and facility components
	otion of work practices & engineering controls including os removal and waste handling emission control procedures
	oe procedures to be followed in the event unexpected RACM is or CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)
	Comments Provide any additional comments /information relevant to this notification (EX: name and number for Air Clearance Sampler, if known)
I certify Demoli assume	Y under penalty of law that the above information is correct and that the Asbestos Contaminated Debris Activities (ACDA), ition, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or ed to be present above the established thresholds as described in this notification are required to be conducted in accordance AC 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 <i>Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)</i> is a violation of LAC 33:III.5151.
Print	Ited 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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,



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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.

2518 Wise Street - Tennie Construction, Rehab Permit issued. 10)

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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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.

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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.

Property Address	Property Owner
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

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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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

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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:

Property Owner
Page Livingston
Bakies Properties, LLC
Jerry Pearson
Alpha Capital/BMO Harris
Alice Hammond
Frank R. Bordelon
Agnes Wallace
Jerry Johnson
Colonial Financial Service Inc
Walter Reynolds

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Ryland

1326 Charlton Street

3925 Clinton Street

1117 Cole Street

1119 Cole Street

2027 East Texas Avenue

56 Eastwood Boulevard

1204 Fenner Street

4517 Futrell Street

405 Gabriel Lane

3008 Houston Street

3149 Houston Street

3305 Hudson Boulevard

3331 Hudson Boulevard

311 John Thomas Street

5503 Jube Street

3520 Laurel Street

717 Leland Street

4206 Lincoln Road

2533 Main Street

116 Mary Lane

314 Marye Court

2008 Mason Street

2219 Mill Street

208 1/2 North 13th Street

2803 Overton Street

Elsie H. Ryland

Henry Joffrion

Leontina Dauzat

Leontina Dauzat

Midwest Management

Tri Brewer

Don Thompson

Willie M. Pickens

Shirley Johnson

Willie Wilson

Savannah Webber

Delwin Eldridge

Rodney Taylor

Thomas Farace

Michael Tennie

Donald Medica

Henry Weekly

Lillian Davis

Washington Bush

Bakies Properties, LLC

Kylie R. Larwood

McErvin Howard, Sr. EST

Dominic Robinson

Jerry Larwood

Jerry & Rhonda Hughes

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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

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3003 Bessie Morris

Ivory Grant

Jacqulin Freeman

Rex H. Countee

Lucy B. Russaw

Virginia Harvey

Lucille Green

Pharrow Perkins

Rosa M. McCoy

Russell J. Walker

Louis H. Taylor/Frankie Mae Hall

Carrie C. Small

Lucille Taffaro

The Money Shack, LLC

Herman Davis Burrell

Rosemary Dauzart

Jerry Larwood

Mary Cataldie

Thomas J. Atkins

Gertrude Quinney

Bessie M. Vallery

Joyce R.F. Sandifer

Everett Hobbs

Sir Welton Hobbs

Harry C. Robinson

1321 Fenner Street

3611 Hollywood Drive

2828 Houston Street

1510 Huffman Street

3201 Hudson Boulevard

1512 Huffman Street

821 John Thomas

2145 Lee Street

604 Leonard Street

1904 Levin Street

1912 Levin Street

2636 Main Street

2716 Main Street

316 Marye Court

2054 Mason Street

2095 Mason Street

209 North 15th Street

2040 Overton Street

2069 Overton Street

2213 Overton Street

2217 Overton Street

2332 Overton Street

2437 Overton Street

2441 Overton Street

2608 Overton Street

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3003 554

2720 Overton Street

20 Overton Street

921 Railroad Avenue

504 Scallan Street

2430 Paris 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 HERERY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND COPRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF

DAY OF

DY, CLERK OF COURT

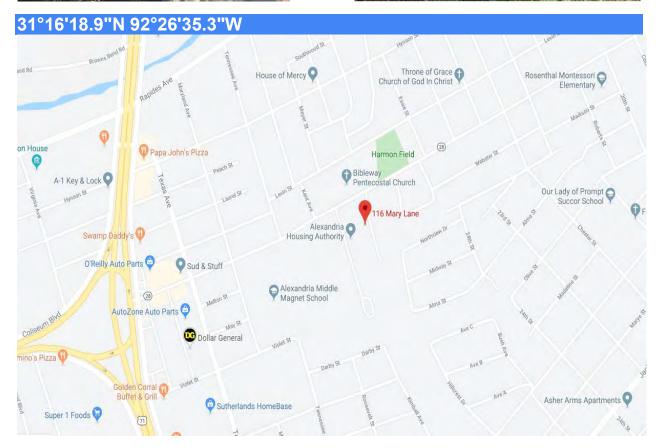
CS-12155 116 Mary Lane











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



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

nior Engineer

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APPE	NDIX B	Asbestos Laboratory Analytical Report
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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 (Al#: 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.

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 (Al#: 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.

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

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

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, it's 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

116 Mary Lane Alexandria, Louisiana
November 5, 2019 Terracon Project No. BB197056



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 asbestoscontaining 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

НА	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

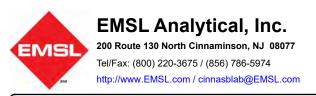
TABLE 2.0 ASBESTOS SURVEY SAMPLE SUMMARY 116 Mary Lane Alexandria, Louisiana

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	01-01	Gray ceramic tile pattern sheet			None Detected
01	01-02	flooring	1, 2	Damaged	None Detected
	01-03				None Detected
	02-04				Wallboard – None Detected Joint Compound – 3% Chrysotile Texture – 5% Chrysotile Composite – <1%
02	02-05 White wallboard with joint compound and texture	Throughout	Significantly Damaged	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%
	03-07				None Detected
03	03-08	Brown 9"x9" pattern sheet	2, 4	Damaged	None Detected
	03-09	flooring			None Detected
	04-10				Flooring – None Detected Mastic – 4% Mastic Backing – None Detected
04	04-11	Floral pattern sheet flooring with black mastic and fiber backing	2	Significantly Damaged	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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	05-13			Significantly	None Detected
05	05-14	White window glazing	Wooden Window Systems	Significantly Damaged	None Detected
	05-15			Damaged	None Detected
	06-16	\M/bits and blue salf stick about			None Detected
06	06-17	White and blue self-stick sheet flooring	4	Damaged	None Detected
	06-18				None Detected
	07-19			Damaged	None Detected
07	07-20	Black vapor barrier	Behind siding Dal		None Detected
	07-21				None Detected
	08-22	Black roof shingles and felt paper		Damaged	Shingle – None Detected Felt – None Detected
08	08 08-23 08-24		Roof		Shingle – None Detected Felt – None Detected
					Shingle – None Detected Felt – None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



EMSL Order: 041929739
Customer ID: TCNL25
Customer PO: BB197056

Project ID:

Attention: Steven Latiolais Phone: (504) 818-3638

Terracon Consultants Fax:

 524 Elmwood Park Blvd.
 Received Date:
 10/10/2019 9:10 AM

 Ste. 170
 Analysis Date:
 10/11/2019 - 10/28/2019

New Orleans, LA 70123 Collected Date:

Project: 116 Mary Lane / BB197056

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

			<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01	116 Mary Lane - 1 - Gray Ceramic Tile	Gray Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929739-0001	Pattern Sheet Flooring	Homogeneous			
01-02	116 Mary Lane - 8 - Gray Ceramic Tile	Gray Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929739-0002	Pattern Sheet Flooring	Homogeneous			
01-03	116 Mary Lane - 8 - Gray Ceramic Tile	Gray Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929739-0003	Pattern Sheet Flooring	Homogeneous			
02-04-Wallboard	116 Mary Lane - 9 - White Wallboard	Brown/White Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929739-0004		Homogeneous			
02-04-Joint Compound	116 Mary Lane - 9 - Joint Compound	Tan Fibrous		97% Non-fibrous (Other)	3% Chrysotile
041929739-0004A		Homogeneous			
02-04-Texture	116 Mary Lane - 9 - Texture	Tan Fibrous		95% Non-fibrous (Other)	5% Chrysotile
041929739-0004B		Homogeneous			
02-04-Composite	116 Mary Lane - 9 - White Wallboard /	Brown/Tan/White Fibrous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
041929739-0004C	Joint Compound	Heterogeneous			
02-05-Wallboard	116 Mary Lane - 4 - White Wallboard	Brown/White Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929739-0005		Homogeneous			
02-05-Joint Compound	116 Mary Lane - 4 - Joint Compound				Positive Stop (Not Analyzed)
041929739-0005A					
02-05-Texture	116 Mary Lane - 4 - Texture				Positive Stop (Not Analyzed)
041929739-0005B	440 Marrial array 4	D	100/ 0 . II . I	000/ Nov. 51 (Other)	40/ 01
02-05-Composite	116 Mary Lane - 4 - White Wallboard / Joint Compound	Brown/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
02-06-Wallboard	116 Mary Lane - 1 -	Brown/White	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929739-0006	White Wallboard	Fibrous Homogeneous			
02-06-Joint Compound	116 Mary Lane - 1 - Joint Compound				Positive Stop (Not Analyzed)
041929739-0006A					
02-06-Texture	116 Mary Lane - 1 - Texture				Positive Stop (Not Analyzed)
041929739-0006B					
02-06-Composite	116 Mary Lane - 1 - White Wallboard /	Brown/Tan/White Fibrous	12% Cellulose	88% Non-fibrous (Other)	<1% Chrysotile
041929739-0006C	Joint Compound	Heterogeneous			

Report amended: 10/28/2019 10:10:00 Replaces initial report from: 10/16/2019 18:17:52 Reason Code: Client-Additional Analysis

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			Non-Asbe	stos	<u>Asbestos</u>
	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
03-07	116 Mary Lane - 4 - Brown 9"x9" Pattern	Brown Fibrous	15% Glass	85% Non-fibrous (Other)	None Detected
041929739-0007	Sheet Flooring	Homogeneous			
03-08	116 Mary Lane - 4 - Brown 9"x9" Pattern	Brown Fibrous	15% Glass	85% Non-fibrous (Other)	None Detected
41929739-0008	Sheet Flooring	Homogeneous			
3-09	116 Mary Lane - 4 - Brown 9"x9" Pattern	Brown Fibrous	5% Glass	95% Non-fibrous (Other)	None Detected
11929739-0009	Sheet Flooring	Homogeneous			
4-10-Sheet Flooring	116 Mary Lane - 2 - Floral Pattern Sheet	Beige Fibrous	5% Glass	95% Non-fibrous (Other)	None Detected
41929739-0010	Flooring	Homogeneous			
4-10-Mastic	116 Mary Lane - 2 - Black Mastic	Black Fibrous		96% Non-fibrous (Other)	4% Chrysotile
41929739-0010A		Homogeneous			
4-10-Backing	116 Mary Lane - 2 - Fiber Backing	Gray Fibrous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
41929739-0010B	440.44	Homogeneous	F0/ C:	050/ N 50 / 200	N
04-11-Sheet Flooring	116 Mary Lane - 2 - Floral Pattern Sheet	Beige Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
	Flooring	Homogeneous			Desiries Otes (Net Assets of D
4-11-Mastic	116 Mary Lane - 2 - Black Mastic				Positive Stop (Not Analyzed)
11929739-0011A					
4-11-Backing	116 Mary Lane - 2 - Fiber Backing	Gray Fibrous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
41929739-0011B		Homogeneous			
4-12-Sheet Flooring	116 Mary Lane - 2 - Floral Pattern Sheet	Beige Fibrous	5% Glass	95% Non-fibrous (Other)	None Detected
41929739-0012	Flooring	Homogeneous			
4-12-Mastic	116 Mary Lane - 2 - Black Mastic				Positive Stop (Not Analyzed)
41929739-0012A					
4-12-Backing	116 Mary Lane - 2 - Fiber Backing	Gray Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
	440 Marria - Fra			4000/ Non Elmon (Othor)	None Batasta I
5-13 41929739-0013	116 Mary Lane - Ext - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-14		White		100% Non fibrous (Other)	None Detected
5-14 41929739-0014	116 Mary Lane - Ext - White Window Glazing	Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
	116 Mary Lane - Ext -	White		100% Non fibrous (Other)	None Detected
5-15	White Window	Non-Fibrous		100% Non-fibrous (Other)	None Detected
41929739-0015	Glazing	Homogeneous			
6-16	116 Mary Lane - 4 - White and Blue Sheet	White/Blue Fibrous	5% Glass	95% Non-fibrous (Other)	None Detected
41929739-0016	Flooring Self-stick	Homogeneous			
6-17	116 Mary Lane - 4 - White and Blue Sheet	White/Blue Fibrous	5% Glass	95% Non-fibrous (Other)	None Detected
41929739-0017	Flooring Self-stick	Homogeneous			
06-18	116 Mary Lane - 4 - White and Blue Sheet	White/Blue Non-Fibrous		100% Non-fibrous (Other)	None Detected
141929739-0018	Flooring Self-stick	Homogeneous	25% Callulana	750/ Non fibrage (Other)	None Detected
07-19	116 Mary Lane - 1 - Black Bapor Barrier	Black Fibrous	25% Cellulose	75% Non-fibrous (Other)	None Detected
041929739-0019		Homogeneous			

Report amended: 10/28/2019 10:10:00 Replaces initial report from: 10/16/2019 18:17:52 Reason Code: Client-Additional Analysis



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

		Non-Asbestos			<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
07-20 041929739-0020	116 Mary Lane - 9 - Black Bapor Barrier	Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
07-21 041929739-0021	116 Mary Lane - 9 - Black Bapor Barrier	Black Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (Other)	None Detected
08-22-Shingles	116 Mary Lane - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
08-22-Felt Paper	116 Mary Lane - Roof - Felt Paper	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
08-23-Shingles	116 Mary Lane - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
08-23-Felt Paper	116 Mary Lane - Roof - Felt Paper	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
08-24-Shingles	116 Mary Lane - Roof - Black Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
08-24-Felt Paper	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 Runghtono

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 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

OrderID: 041929739



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

	EMSL Analytical, Inc.
	200 Route 130 North
	CEIVEN
1	Cinnaminson, NJ 08077
	PHANE 4-800-220-3675
	PH/ANE: 1-800-220-3675/

LABORATORY-PRODUCTS-TRADBING	041929739		FAX (856) 786-5974				
Torracon		EMSL-Bi	li to: ☐ Same ☑ Different				
Company : Terracon	1 10 11 170	If Bill to is Diffe	erent note instructions in Comments**				
Street; 524 Elmwood Park Bou			puires written authorization from third party				
City: New Orleans	State/Province: LA	Zip/Postal Code: 70123	Country: US				
Report To (Name): Steven Latio		Telephone #: 504-818-3	638				
Email Address: steven.latiolai		Fax #:	Purchase Order:				
Project Name/Number: //@ M U.S. State Samples Taken: LA	ary Lane /BB197050		Fax Famail Mail rcial/Taxable Residential/Tax Exempt				
U.S. State Samples Taken. LA	Turnaround Time ()	AT) Options* – Please Chec					
3 Hour 6 Hour	☐ 24 Hour ☐ 48 Hou	r 🔲 72 Hour 🔲 9	6 Hour				
			ERA or EPA Level II TAT. You will be asked to sign difference of the difference of t				
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DPLM EPA 600/R-93/116 (<1%))	TEM EPA NOB - EPA 60	00/R-93/116 Section 2.5.5.1				
☐ PLM EPA NOB (<1%)	·	NY ELAP Method 198.4	NY ELAP Method 198.4 (TEM)				
Point Count 400 (<0.25%)	A C. Marie V. Complete Commission V. C. V. C. V. C. V. C. V.	Party and the Control of the Control	☐ Chatfield Protocol (semi-quantitative)				
Point Count w/Gravimetric 400	(<0.25%) 🔲 1000 (<0.1%)		☐ TEM % by Mass – EPA 600/R-93/116 Section 2.5.5.2				
☐ NIOSH 9002 (<1%)		TEM Qualitative via Filtra	. to a substitute of the committee of th				
NY ELAP Method 198.1 (friab		☐ TEM Qualitative via Drop					
NY ELAP Method 198.6 NOB OSHA ID-191 Modified	(non-mable-NY)		Other :				
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Check For Positive Stop - C	, , ,	Group Date Sampled:	60/9/19				
Samplers Name: Feven	La trolais	Samplers Signature:					
Sample # HA #	Sample Location		Material Description				
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Client Sample # (s):			Total # of Samples:				
Relinquished (Client): She to Fedex Date: 10/10/19 Time: 1800							
Received (Lab): Time: Date: 10-10-19 Time:							
Comments/Special Instructions: Billo: 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:							

Page 1 of ____ pages



041929739 c o (so) CINHAMINISON S) e (b) sp Condition1 Select a Laboratury. WoodpathODG SF **Estimated** Quantity ST Lab Location: CV 1909 739 HA General Location Wirdoms tab Use Only: スナン Floral Vathern Sheet Flooring W/Black Mastile JFibac backling Toint Compand & Texture Sheet Floring while Windows Glazing Brown 9"x9" Patter Sheet say Cranitile Pation HA Description (Color, Dimensions, Descriptor, then Type) **stody Form** Black Vapor Benely Thire Wall board sheet flooring N.L.V. Blue S New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638 Asbestos Bulk Sample Log & Chain Self Stick Flooring lle Mary Ln. } Sample Location le, , acon Sample Number 3 7.5 る人な 707 0-0 20-C ~() <u>~</u>(i 18/ 2

4

OrderID: 041929739 G-D-SD-S S S S S 8 Condition1 ° RECEIVED Δ Δ Δ ۵ G G ပ G Select a Laboratory: Estimated Quantity 2019 OCT 10 AH 10: 15 HA General Location Lab Use Only: 104|929739 HA Description (Color, Dimensions, Descriptor, then Type) Asbestos Bulk Sample Log & Chal..... Custody Form ack Roof Shinles W. New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638 llo Warz Lane 12.5 Sample Location lf. racon Sample Number

Page 3 Of

4

APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of HA-01: Gray ceramic tile pattern sheet flooring.



View of HA-03: Brown 9"x9" pattern sheet flooring.



View of HA-02: White wallboard with joint compound and texture



View of HA-04: Floral pattern sheet flooring with black mastic and fiber backing





View of HA-05: White window glazing.



View of HA-07: Black vapor barrier.

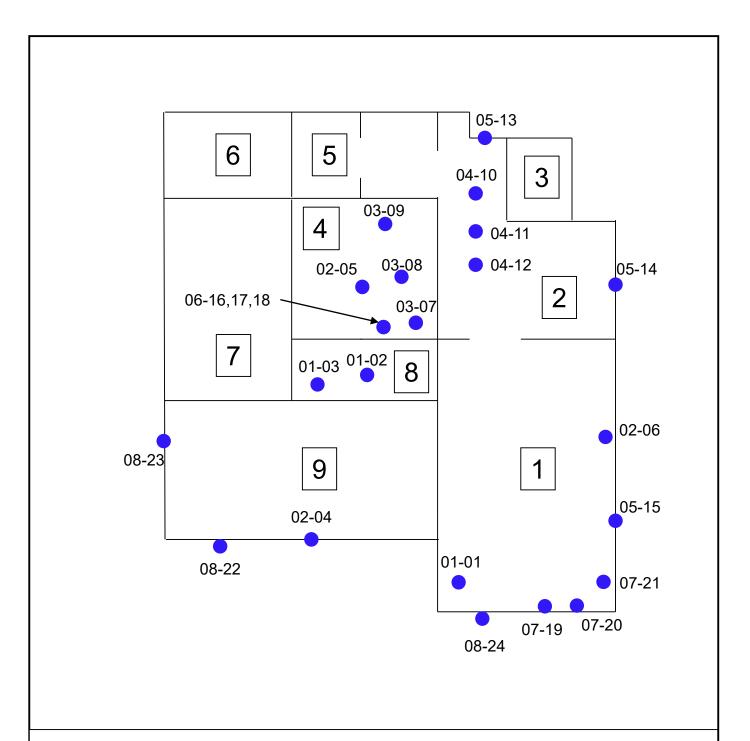


View of HA-06: White and blue selfstick sheet flooring.



View of HA-08: Black roof shingles and felt paper.

APPENDIX D EXHIBITS



Mary Lane

<u>KEY</u>

Bulk Sample Location

Project No.		
	BB197056	
Scale:	Not to Scale	
File Name:	Exhibit 1.0.dwg	
Date:	NOV 2019	

Consulting Engineer	con ers & Scientists
524 Elmwood Park Boulevard #170	New Orleans, LA 70123
PH. (504) 818-3638	FAX. (504) 818-3890

BULK SAMPLE LOCATIONS	Exhibit
City of Alexandria 116 Mary Lane	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.

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, of 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 200

Effective Date: July 1, 2019

Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

Air Emissions		i Later III in		
Analyte	Method Name	Method Code	Туре	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	EMSL SOP M005	2887	AIHA	LA
Samples				
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 1150 - Silver	NIOSH 7300	90012401	AIHA	LA
	NIOSH 7300	90012401	AIHA	LA
1162 - Tellurium	NIOSH 7300	90012401	AIHA	LA
1165 - Thallium 1175 - Tin	NIOSH 7300	90012401	AIHA	LA
	NIOSH 7300	90012401	Alha	LA
1180 - Titanium 1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Tungsten 1185 - Vanadium	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium 1190 - Zinc	NIOSH 7300	90012401	Alha	LA
	NIOSH 7300	90012401	AIHA	LA
1192 - Zirconium	NIOSH 7300	90012401	AIHA	LA
100131 - Airborne Asbestos	NIOSH 7402, Rev.2	90018023	NELAP	NJ

B. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium		· · · · · · · · · · · · · · · · · · ·			
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium 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 1055 - 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					
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 1150 - Silver 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 1105 - Nickel 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 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					
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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	1105 - Nickel	EPA 200.8, Rev.5.4			
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	1125 - Potassium	•			
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	1140 - Selenium				
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					
1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ		•			
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1185 - Vanadium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1190 - Zinc EPA 200.8, Rev.5.4 10014605 NELAP NJ		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.707.007.704			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A ne	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
i 090 - Manganese	EPA 6020B	10156420	NELAP	NJ
1100 - Molybdenum	EPA 6020B	101 56420	NELAP	NJ
1105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
1 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
1 175 - Tin	EPA 6020B	10156420	NELAP	NJ
l 180 - Titanium	EPA 6020B	10156420	NELAP	NJ
1185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
l 190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize Microscopy	d Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

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.

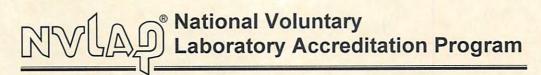
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 Verifica						
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 tripped, 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						
condition (or health hazard), equipmen	able only for a sudden, unexpected event that would cause an unsafe at damage, or would pose an unreasonable financial burden, per LAC stify your emergency request must be provided (see Section XIV).					
Revision ADVF #s to be revised						
Cancellation ADVF #s to be canceled						
. Type of Notification (check only one box)						
☑ Original ☐ Disposal Only	Additional Latest ADVF# Issued					
	on-scheduled operations for repair or maintenance less than 1 Cubic Yard of					
RACM per operation (indicate total volume in Section	V as bin size).					
I. 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.) s structure being demolished under order of a state or local government agency? ☐ No ☐ Yes (Complete Sec. XIII)						
II. Facility Description Facility Name Residential Structure	Project Designer Info (schools, state, public or commercial buildings)					
Physical Address 116 Mary Lane	Name					
City Alexandria State LA Zip 71301	LA Accred. No.					
Parish Rapides	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 Structure will be razed.					
Mailing Address						
Mailing Address	Present School State Bldg. Public/Commercial					
Mailing Address State Zip	Present School State Bldg. Public/Commercial Use Industrial Installation					
City State Zip	Use					
	Use Residential Industrial Installation					
City State Zip	Use Residential Industrial Installation Other Blighted structure Prior School State Bldg. Public/Commercial					
City State Zip Contact Phone ()	Use Residential Industrial Installation Other Blighted structure Prior School State Bldg. Public/Commercial					

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 Na	me	Steven Latiolais	S		Accredited Lab Name	EMS	SL, Cinnaminson, I	NJ
Inspector's Acc	cred. No.	MI200658			Lab Accred. No.	131	900	
Inspection Date	e .	10/09/2019	(mm/d	ld/yy)	Analysis Date	10/2	28/2019	(mm/dd/yy)
	Procedure, including analytical method, if appropriate, used to detect the presence of asbestos material							
Attach the foll	owing cop	ies: • Signature page c • Lab Analysis Rep	-	_	rt for inspection date in ate indicated (above)	dicate	ed (above)	
	-	of Demolition and Renovents if inspection or lab an				Activi	ty Form AAC-2(a)	will not be processed
V. Approxi	mate Amo	ount of Asbestos						
Removal Time	s (check ap	oplicable times)	Busir	ess Ho	ours After Hours		Weekends	Holidays
	Material to be Removed Material to be Removed Prior to Demolition (if applicable)							
		RACM			CAT I/CAT II		CA	T I/CAT II
Type of Asbestos Material	-	Ceiling Oofing VAT Wallboard texture	P	/AT Piping Other	☐ Transite ☐ Mastic		VATX MasticOther 20	Asphalt Roofing
Amount of Asbestos Material	2,000 *ACD = A	Linear Feet Square Feet RACM Cubic Yard ACD* Cubic Yard sbestos-contaminated De	ebris		Linear Feet Square Feet ACM Cubic Yard		S	inear Feet quare Feet .CM Cubic Yard
VI. Asbestos Removal Contractor Information for RACM/ACD Asbestos Removal On-site Contractor's Name LA Contractor's License No. On-site Supervisor's Accred. No. Mailing Address Supervisor's Accred. Expir. Date (mm/dd/yy)								
		State 2			Contact Name			
Phone ()	Phone () [‡] A.I. No. Contact Email							
VII. Other O	perator/D	emolition Contractor (se	e XVI to add	d addit	tional contractors or oth	ner inf	ormation)	
Contractor Nar	me				Contact Name			
Mailing Addres	SS				Contact Email			
City			Zip		Contact Phone ()		

VIII. Scheduled Dates for Asbestos Removal or Activities that May Action, or ACDA	Disturb Asbestos Material in a Demolition, Renovation, Response			
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	Contact Email			
Mailing Address	Contact Phone ()			
City State Zip				
XI. Provide the following if RACM/ACD is taken to Non-processing	•			
SW Transporter Name	Physical Location of Non- processing Transfer Station			
LDEQ SW Transporter No	City State Zip			
Mailing Address	Contact Name			
City State Zip	Contact Email			
	Contact Phone ()			
XII. Recognized Asbestos Landfill (RAL) for RACM/ACD Disposal Si	te for RACM (See LAC 33:III.5151.B)			
RAL Name	Contact Name			
Physical Address	Contact Phone ()			
City Zip	Mailing Address			
	City State Zip			
XIII. Governmental Agency Ordered Demolition (Complete only if	you checked "Yes" in Section [I]			
Gov't Agency Representative Name Kenna Lavalais	City of Alexandria, LA 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 each additional pages, if necessary.	mergency event indicated by checked "Emergency" box on page 1.)			
Date of Emergency(mm/dd/yy)	Time of Emergency			
Describe the sudden, unexpected event requiring immediate attention	n			

-	now event would cause an unsafe condition (health hazard), equipment or pose unreasonable financial burden (per LAC 33:III.5151.F.2.d.xvi)
	anned Demolition, Renovation Work, Response Action, or ACDA ion of activity including techniques of removal and facility components
-	ion of work practices & engineering controls including removal and waste handling emission control procedures
	procedures to be followed in the event unexpected RACM is CAT II nonfriable becomes RACM (per LAC 33:III.5151.F.2.d.xvii)
	pmments Provide any additional comments /information relevant to this notification (EX: name and number for Air earance Sampler, if known)
assumed with LAC	ion, Renovation, and/or Response Action projects where Regulated Asbestos-Containing Material (RACM) is present, or to be present above the established thresholds as described in this notification are required to be conducted in accordance 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 <i>Notification of Demolition and Renovation and Asbestos Contaminated Debris Activity Form AAC-2(a)</i> is a violation of LAC 33:III.5151.
Printe	ed 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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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,



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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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.

3003 548

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.

Property Address	Property Owner
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

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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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

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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:

Property Owner
Page Livingston
Bakies Properties, LLC
Jerry Pearson
Alpha Capital/BMO Harris
Alice Hammond
Frank R. Bordelon
Agnes Wallace
Jerry Johnson
Colonial Financial Service Inc
Walter Reynolds

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3003

Ryland

1326 Charlton Street

3925 Clinton Street

1117 Cole Street

1119 Cole Street

2027 East Texas Avenue

56 Eastwood Boulevard

1204 Fenner Street

4517 Futrell Street

405 Gabriel Lane

3008 Houston Street

3149 Houston Street

3305 Hudson Boulevard

3331 Hudson Boulevard

311 John Thomas Street

5503 Jube Street

3520 Laurel Street

717 Leland Street

4206 Lincoln Road

2533 Main Street

116 Mary Lane

314 Marye Court

2008 Mason Street

2219 Mill Street

208 1/2 North 13th Street

2803 Overton Street

Elsie H. Ryland

Henry Joffrion

Leontina Dauzat

Leontina Dauzat

Midwest Management

Tri Brewer

Don Thompson

Willie M. Pickens

Shirley Johnson

Willie Wilson

Savannah Webber

Delwin Eldridge

Rodney Taylor

Thomas Farace

Michael Tennie

Donald Medica

Henry Weekly

Lillian Davis

Washington Bush

Bakies Properties, LLC

Kylie R. Larwood

McErvin Howard, Sr. EST

Dominic Robinson

Jerry Larwood

Jerry & Rhonda Hughes

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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

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3003 Bessie Morris

Ivory Grant

Jacqulin Freeman

Rex H. Countee

Lucy B. Russaw

Virginia Harvey

Lucille Green

Pharrow Perkins

Rosa M. McCoy

Russell J. Walker

Louis H. Taylor/Frankie Mae Hall

Carrie C. Small

Lucille Taffaro

The Money Shack, LLC

Herman Davis Burrell

Rosemary Dauzart

Jerry Larwood

Mary Cataldie

Thomas J. Atkins

Gertrude Quinney

Bessie M. Vallery

Joyce R.F. Sandifer

Everett Hobbs

Sir Welton Hobbs

Harry C. Robinson

1321 Fenner Street

3611 Hollywood Drive

2828 Houston Street

1510 Huffman Street

3201 Hudson Boulevard

1512 Huffman Street

821 John Thomas

2145 Lee Street

604 Leonard Street

1904 Levin Street

1912 Levin Street

2636 Main Street

2716 Main Street

316 Marye Court

2054 Mason Street

2095 Mason Street

209 North 15th Street

2040 Overton Street

2069 Overton Street

2213 Overton Street

2217 Overton Street

2332 Overton Street

2437 Overton Street

2441 Overton Street

2608 Overton Street

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3003 554

2720 Overton Street

20 Overton Street

921 Railroad Avenue

504 Scallan Street

2430 Paris 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 HERERY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND COPRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF

DAY OF

DY, CLERK OF COURT

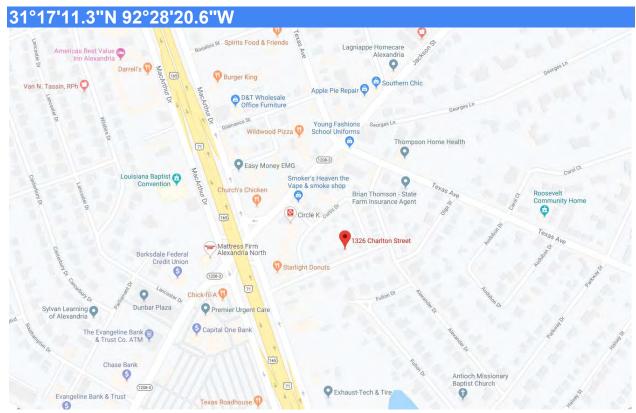
CD-12672 1326 Charlton Street











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



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

Senior Engineer

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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 (Al#: 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 (Al#: 200658). A copy of the asbestos

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





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





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%.

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 asbestoscontaining 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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results	
	01-01			Significantly	None Detected	
01	01-02	White popcorn ceiling texture	Throughout	Damaged	None Detected	
	01-03			Jamagea	None Detected	
	02-04				Drywall – None Detected Joint Compound – None Detected	
02	02-05	White drywall and joint compound	Throughout	Significantly Damaged	Drywall – None Detected Joint Compound – None Detected	
	02-06	1			Drywall – None Detected Joint Compound – None Detected	
	03-07	VA/Inite dividi manala ani anila		Cinnificantly	None Detected	
03	03-08	White 1'x1' mechanically	Throughout	Significantly - Damaged -	None Detected	
	03-09	attached ceiling tiles		Damaged	None Detected	
	04-10			Cinnificantly	None Detected	
04	04-11	Brown bath tub mastic	7	Significantly - Damaged -	None Detected	
	04-12		'	Damaged	None Detected	
	05-13				Shingle – None Detected Paper – None Detected	
05	05-14	05-14 Black roofing shingles with tar paper 05-15	- R00	Significantly Damaged	Shingle – None Detected Paper – None Detected	
	05-15				Shingle – None Detected Paper – None Detected	
	06-16	White window glazing	06-16		Cinnificant	None Detected
06	06-17		1	Significantly	None Detected	
	06-18			Damaged -	None Detected	

TABLE 1.0 cont. ASBESTOS SURVEY SAMPLE SUMMARY 1326 Charlton Street Alexandria, Louisiana

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	07-19	White insulation	White insulation 7	Significantly Damaged	None Detected
07	07-20				None Detected
	07-21				None Detected
	08-22			Cignificantly	None Detected
08 08-23	08-23	White space heater insulation	5	Significantly Damaged	None Detected
	08-24			Damaged	None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

New Orleans, LA 70123

Project: 1326 Charlton / BB197056

Attention: Steven Latiolais

Ste. 170

EMSL Order: 041929725 Customer ID: TCNL25 Customer PO: BB197056

Project ID:

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

			Non-Asbestos		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01	1326 Charlton - 2 - White Popcorn	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929725-0001	Ceiling Texture	Homogeneous			
01-02	1326 Charlton - 2 - White Popcorn	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929725-0002	Ceiling Texture	Homogeneous		4000/ Non El (Oll)	Non-But-dat
01-03	1326 Charlton - 2 - White Popcorn Ceiling Texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-04-Drywall	1326 Charlton - 2 -	Brown	10% Cellulose	90% Non-fibrous (Other)	None Detected
02-04-Diywaii 041929725-0004	Drywall	Fibrous Homogeneous	10 % Centilose	30 % Nor-librous (Other)	None Detected
02-04-Joint Compound	1326 Charlton - 2 - Joint Compound	Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929725-0004A		Homogeneous			
02-05-Drywall	1326 Charlton - 9 - Drywall	Brown Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929725-0005		Homogeneous			
02-05-Joint Compound	1326 Charlton - 9 - Joint Compound	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929725-0005A		Homogeneous			
02-06-Drywall 041929725-0006	1326 Charlton - Drywall	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
	1326 Charlton - Joint	White		100% Non-fibrous (Other)	None Detected
02-06-Joint Compound	Compound	Non-Fibrous Homogeneous		100% Noti-librous (Other)	None Detected
03-07	1326 Charlton - 8 -	Brown/White	90% Cellulose	10% Non-fibrous (Other)	None Detected
041929725-0007	1"x1" Mechanically Attached Ceiling Tile	Fibrous Homogeneous		1070 No.11 IIB/Odd (Gallor)	Tiene Belledied
03-08	1326 Charlton - 8 - 1"x1" Mechanically	Brown/White Fibrous	40% Cellulose	60% Non-fibrous (Other)	None Detected
041929725-0008	Attached Ceiling Tile	Homogeneous			
03-09	1326 Charlton - 9 - 1"x1" Mechanically	Brown/White Fibrous	90% Cellulose	10% Non-fibrous (Other)	None Detected
041929725-0009	Attached Ceiling Tile	Homogeneous			
04-10	1326 Charlton - 7 - Brown Bathtub Mastic	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929725-0010	4000 Ob # 7	Homogeneous		4000/ Nam 51 acco (OH ca)	Many Date of A
04-11	1326 Charlton - 7 - Brown Bathtub Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
	1226 Charlton 7			1000/ Non fibrary (Other)	Non- D-tt-1
04-12	1326 Charlton - 7 - Brown Bathtub Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
	1326 Charlton - 7 -		50% Glass	50% Non-fibrous (Other)	None Detected
05-13 041929725-0013	Black Roofing Shingles w/ Black Tar Paper	Black Fibrous Homogeneous	50% Glass	50% Non-librous (Other)	None Detected

Initial report from: 10/16/2019 17:38:52



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

		Non-Asbestos			<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
05-14-Shingle	1326 Charlton - 7 - Black Roofing Shingles	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
05-14-Tar Paper	1326 Charlton - 7 - Black Tar Paper	Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
05-15-Shingle	1326 Charlton - 7 - Black Roofing Shingles	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
05-15-Tar Paper	1326 Charlton - 7 - Black Tar Paper	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
06-16 041929725-0016	1326 Charlton - 1 - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-17 041929725-0017	1326 Charlton - 1 - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06-18 041929725-0018	1326 Charlton - 1 - White Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-19 041929725-0019	1326 Charlton - 7 - White Insulation	White Fibrous Homogeneous	80% Glass	20% Non-fibrous (Other)	None Detected
07-20 041929725-0020	1326 Charlton - 7 - White Insulation	White Fibrous Homogeneous	80% Glass	20% Non-fibrous (Other)	None Detected
07-21	1326 Charlton - 7 - White Insulation	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
08-22	1326 Charlton - 5 - White Space Heater -	White Fibrous	90% Glass	10% Non-fibrous (Other)	None Detected
041929725-0022 08-23 041929725-0023	Heat Shield 1326 Charlton - 5 - White Space Heater - Heat Shield	Homogeneous White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
08-24 041929725-0024	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

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

OrderID: 041929725



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson, NJ 08077 PHONE: 1-800-220-3675 2015 0 (856) 786-5974

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041929	725			

Company:	Terraco	n)		-Bill to: S Different note in				AM 9:44
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City: New C	rleans		State/Province: LA	Zip/	Postal Cod				ntry: US		
Report To (Name):	Steven Latiolais			phone #: 5						
		even.latiolais@t		Fax	#-			Pure	hase Ord	er:	
			arlton /131819705		ase Provide	e Resu	Its: Fax		Email	Mail	
U.S. State S			7001					_		ntial	/Tax Exempt
			Turnaround Time (1					L			
3 Hour			24 Hour 48 Hou head to schedule.*There is a p		72 Hour		96 Hour		1 Week	Lucill b	2 Week
			. Analysis completed in accor								
	PLN	l - Bulk (reportin	g limit)				TEM -	<u>Bulk</u>			
PLM EPA	4 600/R-	93/116 (<1%)		☐ TE	M EPA NO	B - EP	A 600/R-93/	116 Se	ection 2.5.5	.1	
☐ PLM EP	NOB (<1%)		□ NY	ELAP Met	hod 19	8.4 (TEM)				
Point Count	□ 400	(<0.25%) 🔲 100	0 (<0.1%)	Ch	atfield Proto	ocol (se	emi-quantitati	ive)			
Point Count	w/Gravi	metric 400 (<0	.25%) 🔲 1000 (<0.1%)	☐ TE	M % by Ma	ss – EF	PA 600/R-93/	116 S	ection 2.5.	5.2	
☐ NIOSH				☐ TE	M Qualitativ	ve via F	iltration Prep	Tech	nique		
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OSHA II	D-191 M	odified									
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Check F	or Posit	ive Stop – Clear	ly Identify Homogenous	Group	Date Sa	mpled	: 10/8	1/19	7		
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Sample #	HA#		Sample Location				М	ateria	l Descript	ion	
		Pleas	se see								
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			170, New Orleans, LA, 70123, US :: Steven.Latiolais@terracon.com Purc	chase Order							



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

Asbestos Bulk Sample Log & Chain Custody Form

Lab Use Only: O41421725
Select a Laboratory:

Lab Location:

ocation:
Page _____of ____

Sample Number	Sample Location	HA Description (Color, Dimensions, Descriptor, then Type)	HA General Location	Estimated Quantity	Condition ¹
01-01	1326 Charlton-1	White Popcoin Ceilling		(00	^
01-02	-2	Texture		Sall	G D SO
01-03	-2			3900	
02-04	-2	While Drywaff w/ Joint		2600	
02.05	-9	Compoun		SEAL	G D 🚳
02-06	J A	12/45/12) 12/100 / / //			
07.07	-3	1 XI Mechanically		100	
0708	- 7	Attached Ceiling Tire		59,61	G D 80
03-09	1 7				
04-10		Brown Bathtab Mestic		10526L	G D (SD)
04/12	-/				
BC 12	-/	R1. 6 Ranfia (1! 1.0		11200	
05-13 05-14	-7	Dlack hooming shingles		1000	6 D 80
25-15	- 9	Black Roofing Shingles WBlack Tappaper		Soll	
06-16	-1	White Window Glazing		1 windon	
06-17	-1				G D 60
06-18	-1			2019	
07-19	-7	White Insulation		400 8 Sq LE	HMI
07-20	-7	. •/(59 LE	G D SD
07-21	-7			NOW SOM	15 E

OrderID: 041929725 1326 Charlton

Asbestos Bulk Sample Log & Chain of

ody Form

Lab Use Only: 0419 247 25
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 08-23	-S -S	White Space Heater Heat Shield		3	G D SD
					G D SD
					G D SD
					G D SD
				2619 (G D SD
				2019 OCT 10 AM 9: 44	G D SD
				44	G D SD

APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of HA-01: White popcorn ceiling texture.



View of HA-03: White 1'x1' mechanically attached ceiling tiles.



View of HA-02: White drywall and joint compound.



HA-05: Black roofing shingles with tar paper.





View of HA-06: White window glazing.



View of HA-07: White insulation.

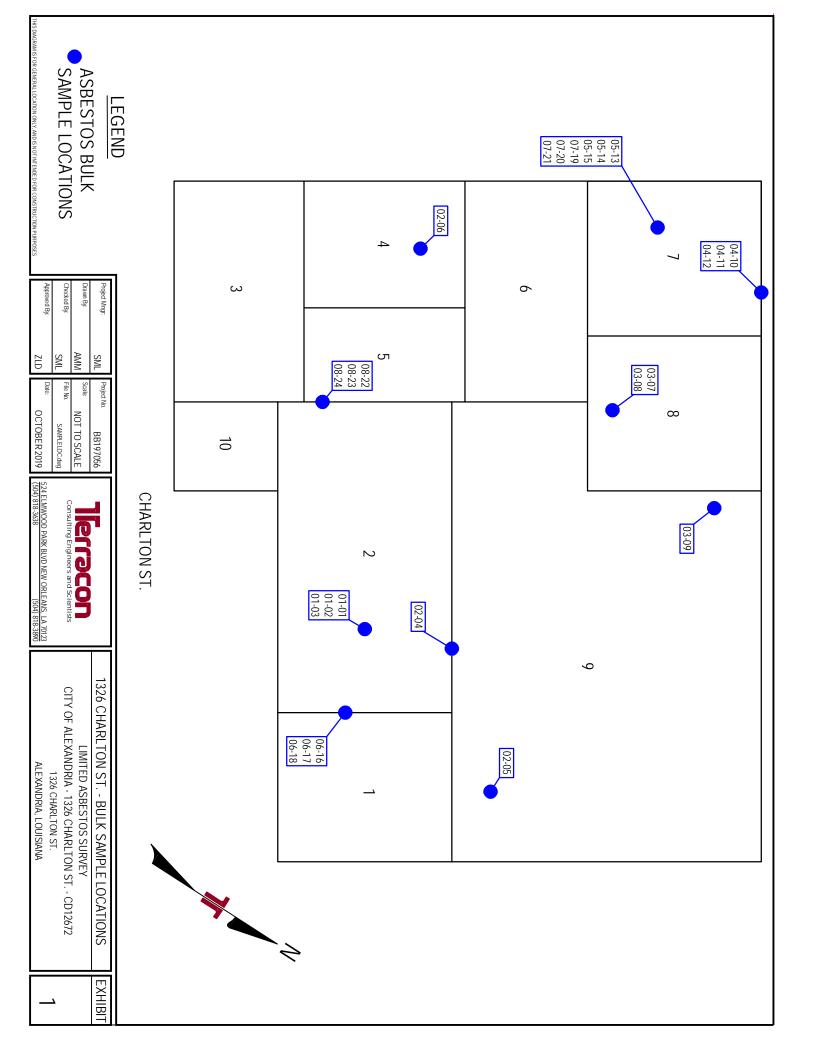


View of HA-08: White space heater insulation.



General view of interior.

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.

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, of 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 200

Effective Date: July 1, 2019

Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
Air Emissions	Malerin	W De l'article de	ALO CONTRACTOR OF	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

Th. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium					
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
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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	1105 - Nickel	EPA 200.8, Rev.5.4			
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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					
1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ		•			
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1185 - Vanadium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1190 - Zinc EPA 200.8, Rev.5.4 10014605 NELAP NJ		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	73.404.007.340.44			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A nd	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

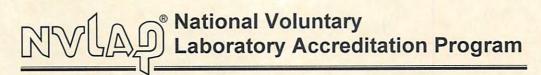
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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 No ACM present ACM present is not RACM and RACM by the demolition RACM, or ACM that will be made than the established thresholds	 64 square feet on other facility components; or de RACM, is less 1 cubic yard off facility components where length
II. Type of Operation Demolition (allowable only if sthresholds) (See Section I, above	structure contains no RACM or contains RACM below established re)
III. Facility Description Facility Name Residential Structure Physical Address City Alexandria State LA Zip 71301 Owner Name Contact Information:	Parish Rapides Building Size (sq. ft.) 1,000 No. Floors 1 Age of Building (Yrs) Unknown Location on site (Bldg, Floor, Room, etc.) where work is done Building will be razed. Present School State Bldg. Public/Commercial
Contact Name Mailing Address City State Zip Phone () Email	Use

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 I	Date _	10/16/2019	(mm/dd/yy)	
Inspector's Name	Steven Latiolais		Accredited La	ab Name _	EMSL, Cinnaminson,	NJ	
Inspector's Accred. No. M	1200658		LELAP* Lab ID	No.	04127		
				nterest (Al	l) No. <u>131900</u>		
Procedure, including analy used to detect the present			600				
	sis performed by com ments set forth under				must have been cond	ucted in accordance	
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 copie	s: • Signature pa	ge of inspection repo	rt for inspecti	on date in	ndicated (above)		
	• Lab Analysis	Report for analysis d	ate indicated	(above)			
NOTE: The Asbestos Not attachments.	ification of Demolitic	n (Negative Declarat	ion) Form AAG	C-2(b) will	not be processed wi	thout these	
V. Asbestos Containing	Material (ACM) Not	to be Removed from	Structure Pric	r to Demo	olition (if ACM is pres	ent)	
	, ,	RACM			Non-regulat		
Type of Asbestos	☐ TSI	Fireproofing		U VAT	Aspha	alt Roofing	
Material	Ceiling Tile	Other		☐ Mast	ic Other	·	
Amount of Asbestos		linear			linear fee		
Material Not Removed	square feet cubic yards				·	square feet cubic yards	
VI. Demolition Contract	cor						
Contractor Name			Contact I	Contact Name			
Mailing Address	ling Address		Contact Email				
City	State Zip Contac		Contact	Phone ()		
VII. Scheduled Demolitic	on Dates						
Start Date(mm/dd/yy)		Complet	ion 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.

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 (<u>DEQ.ASBESTOSNOTIFICATIONS@LA.GOV</u>); 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:

Signature of Owner or Operator/Contractor

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

Printed Name of Owner or Operator/Contractor

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

Date (mm/dd/yy)

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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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner		
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.

3003 548

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.

Property Address	Property Owner		
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

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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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

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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:

Property Owner		
Page Livingston		
Bakies Properties, LLC		
Jerry Pearson		
Alpha Capital/BMO Harris		
Alice Hammond		
Frank R. Bordelon		
Agnes Wallace		
Jerry Johnson		
Colonial Financial Service Inc		
Walter Reynolds		

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Ryland

1326 Charlton Street

3925 Clinton Street

1117 Cole Street

1119 Cole Street

2027 East Texas Avenue

56 Eastwood Boulevard

1204 Fenner Street

4517 Futrell Street

405 Gabriel Lane

3008 Houston Street

3149 Houston Street

3305 Hudson Boulevard

3331 Hudson Boulevard

311 John Thomas Street

5503 Jube Street

3520 Laurel Street

717 Leland Street

4206 Lincoln Road

2533 Main Street

116 Mary Lane

314 Marye Court

2008 Mason Street

2219 Mill Street

208 1/2 North 13th Street

2803 Overton Street

Elsie H. Ryland

Henry Joffrion

Leontina Dauzat

Leontina Dauzat

Midwest Management

Tri Brewer

Don Thompson

Willie M. Pickens

Shirley Johnson

Willie Wilson

Savannah Webber

Delwin Eldridge

Rodney Taylor

Thomas Farace

Michael Tennie

Donald Medica

Henry Weekly

Lillian Davis

Washington Bush

Bakies Properties, LLC

Kylie R. Larwood

McErvin Howard, Sr. EST

Dominic Robinson

Jerry Larwood

Jerry & Rhonda Hughes

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2426 Paris Street Midwest Management US B		
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	

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3003 Bessie Morris

Ivory Grant

Jacqulin Freeman

Rex H. Countee

Lucy B. Russaw

Virginia Harvey

Lucille Green

Pharrow Perkins

Rosa M. McCoy

Russell J. Walker

Louis H. Taylor/Frankie Mae Hall

Carrie C. Small

Lucille Taffaro

The Money Shack, LLC

Herman Davis Burrell

Rosemary Dauzart

Jerry Larwood

Mary Cataldie

Thomas J. Atkins

Gertrude Quinney

Bessie M. Vallery

Joyce R.F. Sandifer

Everett Hobbs

Sir Welton Hobbs

Harry C. Robinson

1321 Fenner Street

3611 Hollywood Drive

2828 Houston Street

1510 Huffman Street

3201 Hudson Boulevard

1512 Huffman Street

821 John Thomas

2145 Lee Street

604 Leonard Street

1904 Levin Street

1912 Levin Street

2636 Main Street

2716 Main Street

316 Marye Court

2054 Mason Street

2095 Mason Street

209 North 15th Street

2040 Overton Street

2069 Overton Street

2213 Overton Street

2217 Overton Street

2332 Overton Street

2437 Overton Street

2441 Overton Street

2608 Overton Street

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2720 Overton Street

20 Overton Street

921 Railroad Avenue

504 Scallan Street

2430 Paris 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 HERERY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND COPRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF

DAY OF

DY, CLERK OF COURT

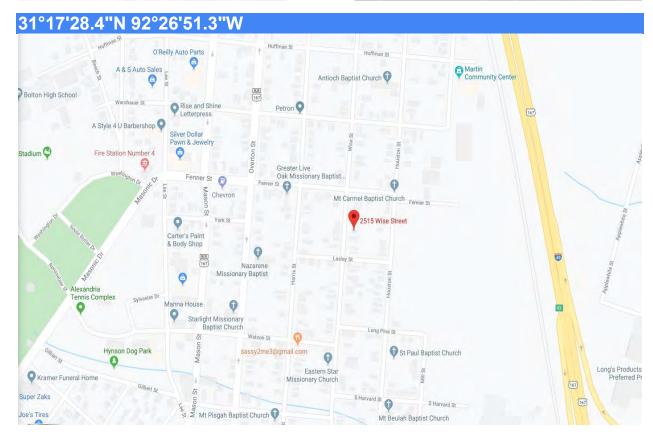
CD-12806 2515 Wise Street











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

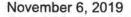
Prepared by:

Terracon Consultants, Inc. Shreveport, Louisiana

terracon.com



Environmental Facilities Geotechnical Materials





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

Terracon Consultants, Inc. 1520 N. Hearne Avenue, Suite 120 Shreveport, Louisiana 71107 P [318] 606 7559 terracon.com

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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 (Al#: 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.

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 (Al#: 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.

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

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

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 asbestoscontaining 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

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

НА	Sample Number	Material Description	Material Location	Condition	Lab Results
	01-01				Wallboard – None Detected Joint Compound – 2% Chrysotile Composite – <1% Chrysotile
01	01-02	01-02 White Wallboard with Joint Compound Throughout		Significantly Damaged	Wallboard – None Detected Joint Compound – Not Analyzed Composite – <1% Chrysotile
	01-03				Wallboard – None Detected Joint Compound – Not Analyzed Composite – <1% Chrysotile
	02-04	D-: 0"-0" D-# Ob		0::6	None Detected
02	02-05	Beige 9"x9" Patten Sheet Flooring with Fiber Backing	1 and 7	Significantly - Damaged -	None Detected
	02-06	Flooring with Fiber Backing		Damageu	None Detected
	03-07	Tan Pebbled Patten Sheet		Cinnificantly	None Detected
03	03-08	Flooring with Fiber Backing	4	Significantly	None Detected
	03-09	Flooring with Fiber Backing		Damaged -	None Detected
	04-10	Farma NA and Object of Florida and the		0::6	None Detected
04	04-11	Faux Wood Sheet Flooring with	3 and 6	Significantly - Damaged -	None Detected
	04-12	Fiber Backing		Damageu	None Detected
	05-13			0::6	None Detected
05	05-14	White Window Caulking	Exterior Windows	Significantly - Damaged -	None Detected
	05-15]		Damageu	None Detected
	06-16	Plack Poof Shingles with 5-14		Cignificantly	None Detected
06	06-17	Black Roof Shingles with Felt Paper	Roof	Significantly - Damaged -	None Detected
	06-18	Гареі		Damageu	None Detected

APPENDIX B ASBESTOS LABORATORY ANALYTICAL REPORT



Terracon Consultants

524 Elmwood Park Blvd.

EMSL Order: 041929874
Customer ID: TCNL25
Customer PO: BB197056

Project ID:

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

New Orleans, LA 70123 **Project:** 2515 Wise - BB197056

Attention: Steven Latiolais

Ste. 170

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

			Non-Asbe	<u>stos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01-01-Wallboard	2515 Wise St 7 - White Wallboard	Brown/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
041929874-0001		Homogeneous			
01-01-Joint Compound	2515 Wise St 7 - Joint Compound	Tan Fibrous		98% Non-fibrous (Other)	2% Chrysotile
041929874-0001A		Homogeneous			
01-01-Composite	2515 Wise St 7 - White Wallboard /	Brown/Tan/White Fibrous	10% Cellulose	90% Non-fibrous (Other)	<1% Chrysotile
041929874-0001B	Joint Compound	Heterogeneous	.==. =		
01-02-Wallboard 041929874-0002	2515 Wise St 1 - White Wallboard	Brown/White Fibrous	15% Cellulose	85% Non-fibrous (Other)	None Detected
	0545145 01 4	Homogeneous			D ::: 0: 41 . 4 . 1
01-02-Joint Compound	2515 Wise St 1 - Joint Compound				Positive Stop (Not Analyzed)
041929874-0002A	2515 Wise St 1 -	Brown/Tan/White	10% Cellulose	00% Non fibrous (Other)	<1% Chrysotile
01-02-Composite 041929874-0002B	White Wallboard / Joint Compound	Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	<170 Onrysotile
	· · · · · · · · · · · · · · · · · · ·	-	000/ C-llul	000/ Non-Elmann (Othern)	Nama Datastad
01-03-Wallboard	2515 Wise St 5 - White Wallboard	Brown/White Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
	0545 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Homogeneous			D. W. Otto Allet Acceleration
01-03-Joint Compound	2515 Wise St 5 - Joint Compound				Positive Stop (Not Analyzed)
041929874-0003A	0545 Wi Ct 5	Brown/Tan/White	400/ 0-11-1	000/ Non-Elmon- (Othor)	440/ Olaman 441-
01-03-Composite 041929874-0003B	2515 Wise St 5 - White Wallboard / Joint Compound	Fibrous	10% Cellulose	90% Non-fibrous (Other)	<1% Chrysotile
	· · · · · · · · · · · · · · · · · · ·	Heterogeneous	050/ 0 # 1	750(N	N. B
02-04	2515 Wise St 7 - Beige 9" x 9" Pattern	Beige Fibrous	25% Cellulose	75% Non-fibrous (Other)	None Detected
041929874-0004	Sheet Flooring	Homogeneous			
02-05	2515 Wise St 1 - Beige 9" x 9" Pattern	Beige Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
041929874-0005	Sheet Flooring	Homogeneous			
02-06	2515 Wise St 1 - Beige 9" x 9" Pattern	Beige Fibrous	20% Cellulose	80% Non-fibrous (Other)	None Detected
	Sheet Flooring	Homogeneous		4000(Nov. 51 (Otton)	Non-British
03-07-Sheet Flooring	2515 Wise St 4 - Tan Pebbled Pattern	Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929874-0007	Sheet Flooring	Homogeneous	100/ 0	00% N 50 (50)	
03-07-Backing	2515 Wise St 4 - Fiber Backing	White Non-Fibrous	10% Synthetic	90% Non-fibrous (Other)	None Detected
041929874-0007A	0545145 2: :	Homogeneous		1000/ 11 - 51 - 75 - 75	
03-08-Sheet Flooring	2515 Wise St 4 - Tan Pebbled Pattern	Beige Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929874-0008	Sheet Flooring	Homogeneous			
03-08-Backing	2515 Wise St 4 - Fiber Backing	White Non-Fibrous	10% Synthetic	90% Non-fibrous (Other)	None Detected
041929874-0008A		Homogeneous			

Report amended: 10/29/2019 10:37:00 Replaces initial report from: 10/21/2019 07:23:28 Reason Code: Client-Additional Analysis

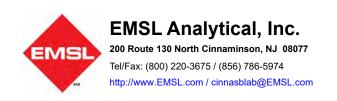
EMSL Order: 041929874 Customer ID: TCNL25 Customer PO: BB197056

Project ID:

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

			Non-Asbe	<u>stos</u>	Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
03-09-Sheet Flooring	2515 Wise St 4 - Tan Pebbled Pattern Sheet Flooring	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-09-Backing	2515 Wise St 4 - Fiber Backing	White Fibrous	10% Synthetic	90% Non-fibrous (Other)	None Detected
041929874-0009A	g	Homogeneous			
04-10-Sheet Flooring	2515 Wise St 3 - Faux Wood Sheet Flooring	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929874-0010	2515 Wise St 3 -	Homogeneous	450/ Oallulaaa	000/ Now Element (Other)	Nama Datastad
04-10-Backing 041929874-0010A	Fiber Backing	White Fibrous Homogeneous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
04-11-Sheet Flooring	2515 Wise St 3 - Faux Wood Sheet	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929874-0011	Flooring	Homogeneous			
04-11-Backing	2515 Wise St 3 - Fiber Backing	White Fibrous	15% Cellulose 5% Glass	80% Non-fibrous (Other)	None Detected
041929874-0011A		Homogeneous			
04-12-Sheet Flooring	2515 Wise St 3 - Faux Wood Sheet	Brown Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929874-0012	Flooring	Homogeneous			
04-12-Backing	2515 Wise St 3 - Fiber Backing	White Fibrous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
041929874-0012A		Homogeneous			
05-13 041929874-0013	2515 Wise St Ext - White Window Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05-14	2515 Wise St Ext -	White		100% Non-fibrous (Other)	None Detected
041929874-0014	White Window Caulking	Non-Fibrous Homogeneous		100 % Non-librous (Other)	None Detected
05-15	2515 Wise St Ext - White Window	White Non-Fibrous		100% Non-fibrous (Other)	None Detected
041929874-0015	Caulking	Homogeneous			
06-16-Roof Shingle	2515 Wise St Roof - Black Roof Shingle	Black Fibrous	10% Glass	90% Non-fibrous (Other)	None Detected
041929874-0016		Homogeneous			
06-16-Felt Paper 041929874-0016A	2515 Wise St Roof - Felt Paper	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
	2515 Wise St Roof	-	10% Class	000/ Non fibratio (Other)	None Detected
06-17-Roof Shingle	- Black Roof Shingle	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
06-17-Felt Paper	2515 Wise St Roof	Black	65% Cellulose	35% Non-fibrous (Other)	None Detected
041929874-0017A	- Felt Paper	Fibrous Homogeneous	oon cellulose	5576 Hon-hibious (Other)	None Detected
06-18-Roof Shingle	2515 Wise St Roof - Black Roof Shingle	Black Fibrous	10% Glass	90% Non-fibrous (Other)	None Detected
041929874-0018		Homogeneous			
06-18-Felt Paper	2515 Wise St Roof - Felt Paper	Black Fibrous	70% Cellulose	30% Non-fibrous (Other)	None Detected
041929874-0018A		Homogeneous			

Report amended: 10/29/2019 10:37:00 Replaces initial report from: 10/21/2019 07:23:28 Reason Code: Client-Additional Analysis



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 Kunghano

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 Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

04/029874

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson, NJ:08077, Рноме: 4:800-226-3675 20-6-5074-

Company: Terracon			EMSL-Bill to: Same Different 9:39		
Street: 524 Elm	wood Park Boulevard Suite 170	Third Party	Third Party Billing requires written authorization from third party		
City: New Orlea	ns State/Province: LA	Zip/Postal Code	Zip/Postal Code: 70123 Country: US		
Report To (Nam	e): Steven Latiolais	Telephone #: 50	04-818-3638		
Email Address:	steven latiolais@terracon.com	Fax #:	Purchase Order:		
	umber: 2575 Wise BB19705				
U.S. State Samp			Commercial/Taxable Residential/Tax Exempt		
☐ 3 Hour	Turnaround Time (ase Check 96 Hour 1971 Week 2 Week		
*For TEM Air 3 hr ti	hrough 6 hr, please call ahead to schedule. There is a p	remium charge for 3 Hou	ur TEM AHERA or EPA Level II TAT. You will be asked to sign		
an authoriz	ation form for this service. Analysis completed in acco	dance with EMSL's Tern	ns and Conditions located in the Analytical Price Guide.		
	PLM - Bulk (reporting limit)	 	TEM - Bulk		
PLM EPA 600			- EPA 600/R-93/116 Section 2.5.5.1		
PLM EPA NO	received a la company of the company	NY ELAP Metho	·		
	100 (<0.25%)		col (semi-quantitative)		
Point Count w/G	ravimetric 400 (<0.25%) 1000 (<0.1%)		s - EPA 600/R-93/116 Section 2.5.5.2		
☐ NIOSH 9002	(<1%)	☐ TEM Qualitative	e via Filtration Prep Technique		
☐ NY ELAP Me	thod 198.1 (friable in NY)	☐ TEM Qualitative	via Drop Mount Prep Technique		
NY ELAP Me	thod 198.6 NOB (non-friable-NY)		<u>Other</u>		
OSHA ID-19	1 Modified		1		
☐ Standard Add	dition Method				
Check For Po	ositive Stop ~ Clearly Identify Homogenous	Group Date Sam	npled: - 40/10/19		
Samplers Name	: Steven Latoloß	Samplers Sig	nature:		
Sample # HA	# Sample Location		Material Description		
Sample # HA	# Sample Location Please See	2	Material Description		
Sample # HA	# Sample Location Please See attached	2	Material Description		
Sample # HA	# Sample Location Please See attached	2	Material Description		
Sample # HA	# Sample Location Please Secondary attached	2	Material Description		
Sample # HA	# Sample Location Please Secondary attached	2	Material Description		
Sample # HA	# Sample Location Please Secondary attached	2	Material Description		
Sample # HA	# Sample Location Please See attached		Material Description		
Sample # HA	# Sample Location Please See attached		Material Description		
Sample # HA	# Sample Location Please See attached		Material Description		
Sample # HA	# Sample Location Please See attached		Material Description		
	Please See				
Client Sample #	Please See attached	te: /0/10/	Total # of Samples: 146		
Client Sample #	Please See		Total # of Samples:		

Lab Use Only:

Select a Laboratory:

Lab Location:

041929874

New Orleans: 524 Elmwood Park Blvd., Ste. 170, New Orleans, LA 70123 (504) 818 3638 **Estimated HA Description** Condition¹ **HA General Location** Sample Location Sample Number (Color, Dimensions, Descriptor, then Type) Quantity White wallboard w/ Joint G D SD Beign 9" X9" Pattern Sheet Flooring D SD Tan Peppled Pattern Sheet Flooring Wifiber Buckly D SD Fair Wood Sheet Flooring D SD G D SD Black Rech Shingles Wfelt Paper 1000 G D SD

APPENDIX C PHOTOGRAPHS OF SELECT HOMOGENEOUS AREAS





View of HA-01: White Wallboard with Joint Compound



View of HA-03: Tan Pattern Sheet Flooring with Fiber Backing



View of HA-02: Beige 9"x9" Pattern Sheet Flooring



HA-04: Faux Wood Sheet Flooring with Fiber Backing



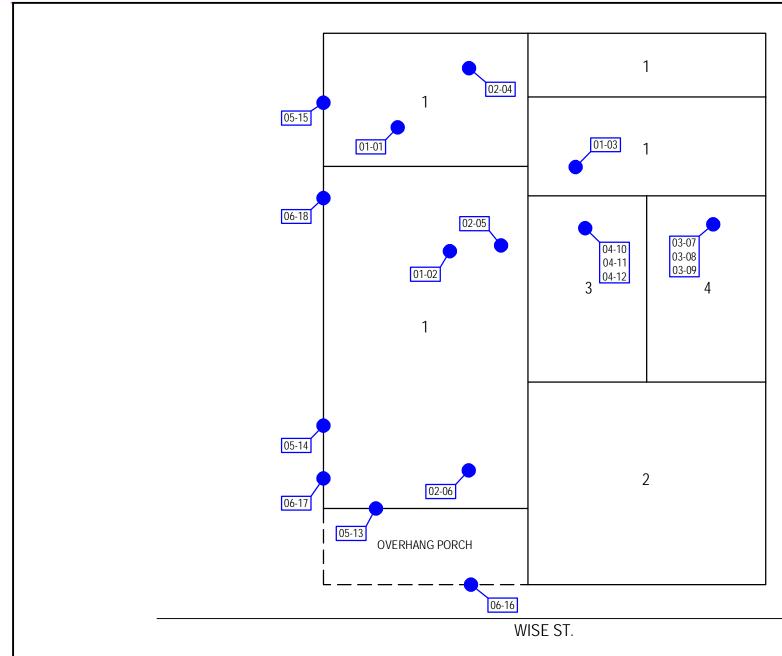


View of HA-05: White Window Caulking



View of HA-06: Black Roof Shingles with Felt Paper

APPENDIX D EXHIBITS



<u>LEGEND</u>

ASBESTOS BULK
SAMPLE LOCATIONS

Project Mngr:	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 24 ELMWOOD PARK BLVD NEW ORLEANS, LA 70123

2515 WISE ST. - BULK SAMPLE LOCATIONS

LIMITED ASBESTOS SURVEY
CITY OF ALEXANDRIA - 2515 WISE ST. - CD12580
2515 WISE 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.

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, of 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 200

Effective Date: July 1, 2019 Expiration Date: June 30, 2020

Certificate Number: 04127



STATE OF LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2019

200 Rt 130 N, Cinnaminson, New Jersey 08077

Certificate Number: 04127

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

A: E : .		North Action		
Air Emissions	Malerin	W De l'article de	ALO CONTRACTOR OF	
Analyte	Method Name	Method Code	Туре	AB
100173 - Asbestos by Phase Contrast	NIOSH 7400 (A Rules)	899	NELAP	NJ
Microscopy				
100131 - Airborne Asbestos	40 CFR Part 763, Subpart E, Appendix	2062	NELAP	NJ
100000 F 1 Pt F 1 1 1 1 1 1 1 1 1	A (Mandatory TEM)			
100683 - Fungal - Direct Examination (Air)	EMSL 05-TP-003.5	2885	AIHA	LA
100679 - Fungal Growth in Culturable Air	EMSL SOP M005	2887	AIHA	LA
Samples	FD 4 5400			_
100231 - Lead in Paint	EPA 7420	10164406	AIHA	LA
100233 - Lead in Soil	EPA 7420	10164406	AIHA	LA
100232 - Lead in Wipes 100230 - Lead in Airborne Dust	EPA 7420	10164406	AIHA	LA
100250 - Lead III Alborne Dust	NIOSH 7082, Rev.2	90012230	AIHA	LA
1005 - Antimony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1010 - Arithmony	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1015 - Barium	NIOSH 7300 NIOSH 7300	90012401	AIHA	LA
1020 - Beryllium	NIOSH 7300 NIOSH 7300	90012401 90012401	AIHA	LA
1023 - Bismuth	NIOSH 7300 NIOSH 7300	90012401	AIHA AIHA	LA
1025 - Bishidai 1025 - Boron	NIOSH 7300 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 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 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	Alha	LA
1180 - Titanium	NIOSH 7300	90012401	Alha	LA
1183 - Tungsten	NIOSH 7300	90012401	Alha	LA
1185 - Vanadium	NIOSH 7300	90012401	Alha	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

B. T	13 / 1 3 ·	E E 7 2
Non	Potable	water

1000 - Aluminum	Null rotable water		W 1 W 1		
1005 - Antimony	Analyte	Method Name	Method Code	Туре	AB
1005 - Antimony	1000 - Aluminum	EPA 200.7. Rev.4.4	10013806	NEJ.AP	NJ
1010					
1015	•				
1020 Seryllium		· · · · · · · · · · · · · · · · · · ·			
1025 - Boron					
1036 - Cadmium					
1035 - Calcium					
1040 - Chromium					
1055 Cobait		-			
1055 - Copper					
1070 - Iron					
1075 - Lead		•			
1085 - Magnesium		-			
1090					
1100 - Molybdenum					
1105 - Nickel		· · · · · · · · · · · · · · · · · · ·			
1125 - Potassium	•				
1140 - Selenium					
1150 - Silver					
1155 - Sodium		-			
1165 - Thallium					
1175 - Tin					
1180 - Titanium					
1185 - Vanadium		-			
1190 - Zinc					
1000 - Aluminum					
1005 - Antimony					
1010 - Arsenic					
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 1140 - Selenium 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 1055 - 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					
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 1150 - Silver 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 1105 - Nickel 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 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					
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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	1105 - Nickel	EPA 200.8, Rev.5.4			
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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					
1165 - Thallium EPA 200.8, Rev.5.4 10014605 NELAP NJ 1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1175 - Tin EPA 200.8, Rev.5.4 10014605 NELAP NJ		•			
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1185 - Vanadium EPA 200.8, Rev.5.4 10014605 NELAP NJ					
1190 - Zinc EPA 200.8, Rev.5.4 10014605 NELAP NJ		the contract of the contract o			
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					
10-15 - Chromium vi Bivi 5500-Ci D, 16tti ED 20007001 NELAP NJ	1043 - Chromium VI	5141 5500-Cl D, 16th ED	20007001	NELME	147

EMSL Analytical Inc

AI Number: 131900
Activity No.: ACC20190002
Certificate Number: 04127
Expiration Date: June 30, 2020

Solid Chemical Materials				
Analyte	Method Name	Method Code	Туре	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	NYS DOH ELAP 198.4	2015	State	NY
Electron Microscopy				
100172 - Asbestos by Polarized Light	NYS DOH ELAP 198.6	2223	State	NY
Microscopy	77.707.007.704			
100681 - Fungal - Direct Examination	EMSL SOP M041	2886	AIHA	LA
(Bulk) 100682 - Fungal - Direct Examination	EMCI COD MOAT	2006	A 777 A	T A
(Surface)	EMSL SOP M041	2886	AIHA	LA
100674 - Fungal Growth in Culturable Bulk	EMSL SOP M005	2887	AIHA	LA
Samples	LIVISE SOT MICOS	2007	AINA	LA
100676 - Fungal Growth in Culturable	EMSL SOP M005	2887	AIHA	LA
Surface Bulk Samples		2007	7 4 4 1 1 1 1	D/L
1466 - Toxicity Characteristic Leaching	EPA 1311	10118806	NELAP	NJ
Procedure (TCLP)				•
1400 - Acid Digestion of Sediments,	EPA 3050B	10135601	NELAP	NJ
Sludges, and soils				
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 1030 - Cadmium	EPA 6010D	10155916	NELAP	NJ
1035 - Calcium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1040 - Chromium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1050 - Cobalt	EPA 6010D	10155916	NELAP	NJ 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 1155 - Sodium	EPA 6010D	10155916	NELAP	NJ
1 160 - Strontium	EPA 6010D EPA 6010D	10155916	NELAP	NJ
1 165 - Thallium	EPA 6010D	10155916 10155916	NELAP NELAP	NJ
1175 - Tin	EPA 6010D	10155916	NELAP	NJ 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		A nd	AI Numbe	er: 131900

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

Al Number: 131900 Activity No.: ACC20190002

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
l 100 - Molybdenum	EPA 6020B	10156420	NELAP	NJ
1 105 - Nickel	EPA 6020B	10156420	NELAP	NJ
1125 - Potassium	EPA 6020B	10156420	NELAP	NJ
l 140 - Selenium	EPA 6020B	10156420	NELAP	NJ
l 150 - Silver	EPA 6020B	10156420	NELAP	NJ
l 155 - Sodium	EPA 6020B	10156420	NELAP	NJ
l 160 - Strontium	EPA 6020B	10156420	NELAP	NJ
l 165 - Thallium	EPA 6020B	10156420	NELAP	NJ
l 175 - Tin	EPA 6020B	10156420	NELAP	NJ
180 - Titanium	EPA 6020B	10156420	NELAP	NJ
l 185 - Vanadium	EPA 6020B	10156420	NELAP	NJ
190 - 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	101 64406	NELAP	NJ
1075 - Lead	EPA 7421	10164600	NELAP	NJ
1095 - Mercury	EPA 7471B	10166402	NELAP	NJ
100172 - Asbestos by Polarize	ed Light EPA 600/R-93/116	10294583	NELAP	NJ

Biological Tissue				
Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

EMSL Analytical Inc

Effective Date: July 1, 2019 Certificate Number: 04127

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

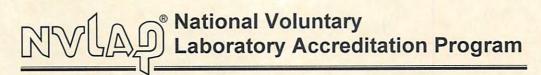
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

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

Code

Description

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

Code

Description

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		No ACM present			Established Thresholds per LAC 33:III.5151.F.1. Combined amount of RACM is less than:
		ACM present is not RACM and will not be made		ot be made	60 linear feet on pipes;
		RACM by the demolit	ion		64 square feet on other facility components; or
		RACM, or ACM that w			1 cubic yard off facility components where length
		than the established t	.ni esnoius (see	rigiii)	or area could not be measured previously.
II. Type of Operation	\boxtimes	Demolition (allowab thresholds) (See Secti	,	ure contair	s no RACM or contains RACM below established
III. Facility Description					
Facility Name Resident	ıt2 lei	ructura		Parish	Rapides
, <u> </u>				Palisii	kapiues
Physical Address 2515 Wis	se Str	eet		Building	Size (sq. ft.) <u>1,300</u>
City Alexandria		State LA Zip	71301	No. Floo	Age of Building (Yrs) <u>Unknown</u>
Owner Name				Location	on site (Bldg, Floor, c.) where work is done Building will be razed.
				Room, e	c.) Where work is dolle building will be razed.
Contact Information:					
Contact Name				Present Use	☐ School ☐ State Bldg. ☐ Public/Commercial
				030	Residential Industrial
City)		○ Other _ Blighted structure
	<u> </u>			Prior	
Phone ()				Use	School State Bldg. Public/Commercial
Email					Residential Industrial
					Other

IV. Determination of No	RACM Present /Am	ount of RACM Preser	nt is Below Esta	ablished Th	nresholds for Der	mo Project (See Section I)	
Inspection Date1	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 Ir	nterest (AI)	No. <u>131900</u>		
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 copie	s: • Signature pa	ige of inspection repo	ort for inspecti	on date in	dicated (above)		
	 Lab Analysis 	Report for analysis d	late 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 Pric	or to Demo	olition (if ACM is r	present)	
	, ,	RACM			· ·	ulated ACM	
Type of Asbestos	☐ TSI	Fireproofing		☐ VAT	☐ As	sphalt Roofing	
Material	☐ Ceiling Tile	Other	 -	☐ Masti	c 0	ther	
Amount of Asbestos		·		linear			
Material Not Removed		square feet cubic yards			square feet cubic yards		
cubic yards cubic yards							
VI. Demolition Contract	or						
Contractor Name Contact Name							
Mailing Address Contact Email							
City	State _	Zip	Contact	Phone ()		
VII. Scheduled Demolitic	on Dates						
Start Date	(mm/dd	/yy)	Complet	ion 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)							

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

Submittal Information

IX.

- 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:

Signature of Owner or Operator/Contractor

By Mail: or

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

Printed Name of Owner or Operator/Contractor

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

By Overnight or Hand-delivery:

Date (mm/dd/yy)

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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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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.

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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.

Property Address	Property Owner
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

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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/repaired and brought up to the City of Alexandria Property Standard Code.

Property Address	Property Owner
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

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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:

Property Owner
Page Livingston
Bakies Properties, LLC
Jerry Pearson
Alpha Capital/BMO Harris
Alice Hammond
Frank R. Bordelon
Agnes Wallace
Jerry Johnson
Colonial Financial Service Inc
Walter Reynolds

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Ryland

1326 Charlton Street

3925 Clinton Street

1117 Cole Street

1119 Cole Street

2027 East Texas Avenue

56 Eastwood Boulevard

1204 Fenner Street

4517 Futrell Street

405 Gabriel Lane

3008 Houston Street

3149 Houston Street

3305 Hudson Boulevard

3331 Hudson Boulevard

311 John Thomas Street

5503 Jube Street

3520 Laurel Street

717 Leland Street

4206 Lincoln Road

2533 Main Street

116 Mary Lane

314 Marye Court

2008 Mason Street

2219 Mill Street

208 1/2 North 13th Street

2803 Overton Street

Elsie H. Ryland

Henry Joffrion

Leontina Dauzat

Leontina Dauzat

Midwest Management

Tri Brewer

Don Thompson

Willie M. Pickens

Shirley Johnson

Willie Wilson

Savannah Webber

Delwin Eldridge

Rodney Taylor

Thomas Farace

Michael Tennie

Donald Medica

Henry Weekly

Lillian Davis

Washington Bush

Bakies Properties, LLC

Kylie R. Larwood

McErvin Howard, Sr. EST

Dominic Robinson

Jerry Larwood

Jerry & Rhonda Hughes

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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

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3003 Bessie Morris

Ivory Grant

Jacqulin Freeman

Rex H. Countee

Lucy B. Russaw

Virginia Harvey

Lucille Green

Pharrow Perkins

Rosa M. McCoy

Russell J. Walker

Louis H. Taylor/Frankie Mae Hall

Carrie C. Small

Lucille Taffaro

The Money Shack, LLC

Herman Davis Burrell

Rosemary Dauzart

Jerry Larwood

Mary Cataldie

Thomas J. Atkins

Gertrude Quinney

Bessie M. Vallery

Joyce R.F. Sandifer

Everett Hobbs

Sir Welton Hobbs

Harry C. Robinson

1321 Fenner Street

3611 Hollywood Drive

2828 Houston Street

1510 Huffman Street

3201 Hudson Boulevard

1512 Huffman Street

821 John Thomas

2145 Lee Street

604 Leonard Street

1904 Levin Street

1912 Levin Street

2636 Main Street

2716 Main Street

316 Marye Court

2054 Mason Street

2095 Mason Street

209 North 15th Street

2040 Overton Street

2069 Overton Street

2213 Overton Street

2217 Overton Street

2332 Overton Street

2437 Overton Street

2441 Overton Street

2608 Overton Street

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2720 Overton Street

20 Overton Street

921 Railroad Avenue

504 Scallan Street

2430 Paris 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 HERERY CERTIFY THAT THE ABOVE AND FOREGOING IS
A TRUE AND COPRECT COPY OF THE ORIGINAL ON FILE
AND OF RECORD IN THIS OFFICE.
IN FAITH, WHEREOF, WITNESS MY HAND AND SEAL OF

DAY OF

DY, CLERK OF COURT