



75 Langley Drive • Lawrenceville, GA 30046-6935
(tel) 770.822.8720 • (fax) 770.822.8735

gwinnettcountry

September 21, 2018

**INFORMAL WRITTEN QUOTE
IWQ 1-2898 Demo**

Gwinnett County is soliciting competitive informal written quotes from qualified contractors for the **Demolition & Asbestos Abatement of the Structure at 2898 Hamilton Mill Road, Buford, GA 30519.**

Quotes should be returned to the Attention of Chris Duncan CPPB, Purchasing Associate III by **3:00 P.M.** on **October 2, 2018** via e-mail at christopher.duncan@gwinnettcountry.com or fax 770-822-8741.

A site visit is scheduled for **10:00 a.m. on Thursday, September 27, 2018** at 2898 Hamilton Mill Road, Buford GA 30519. All contractors interested in quoting are urged to attend the site visit.

Questions regarding quotes should be directed to Chris Duncan at christopher.duncan@gwinnettcountry.com .

Gwinnett County does not discriminate on the basis of disability in the admission or access to its programs or activities. Any requests for reasonable accommodations required by individuals to fully participate in any open meeting, program or activity of Gwinnett County Government should be directed to Susan Canon, Gwinnett County Justice and Administration Center, 770-822-8015.

The written quote documents supersede any verbal or written prior communications between the parties. Quotes are legal and binding upon the bidder when submitted.

Award will be made to the contractor submitting the lowest responsive and responsible quote. Gwinnett County reserves the right to reject any or all quotes, to waive technicalities, and to make an award deemed in its best interest. Quotes may be split or awarded in entirety. Gwinnett County reserves the option to negotiate terms, conditions and pricing with the lowest responsive, responsible bidder(s) at its discretion.

We look forward to your quote and appreciate your interest in Gwinnett County.

Chris Duncan CPPB
Purchasing Associate III

The following pages should be returned as your quote: Quote Schedule, Page 6
Subcontractor List, Page 7
References, Page 8
Contractor Affidavit & Agreement, Page 9



Proud Winner of the Annual *Achievement of Excellence Award* in Procurement since 1999



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SCOPE OF WORK

Gwinnett County Board of Commissioners is soliciting quotes from qualified contractors for the demolition of the structure at 2898 Hamilton Mill Road, Buford, GA 30519.

- A. An omission in the attached listing does not relieve the Bidder of his responsibility to clear completely down to the ground line of the property at the structure's site. All masonry slab floors must be removed in their entirety, including basement slabs and masonry ground slabs outside the improvement area.
- B. The site from which all structures are demolished and debris removed must be LANDSCAPED and DRESSED. Remove all debris, grade site to drain, seed and straw all disturbed areas for full coverage and grass growth. Contractor will provide adequate landscaping, including the placement of straw bales or silt fence, to prevent erosion, as directed by the County. The above noted LANDSCAPING and DRESSING also applies to the working area, included in the easement area or right of way from which the improvements are demolished. Special provisions may be required on each parcel and will govern when in conflict with the above requirements.
- C. If applicable, underground storage tanks must be removed and disposed in compliance with State Fire Commission Rules and Regulations, Chapter 120-3-11, NFPA 329, NFPA 30, appendix "B", Procedures contained in American Petroleum Institute (API) publication 1604, and all County, State, and Federal Laws and Regulations.
- D. The Bidder should be aware that on-site burning will **not** be permitted under any circumstances, burial of anything/debris will **not** be permitted, and the destruction/cutting/removal of trees will **not** be permitted. If the contractor feels tree removal is necessary to the project, this shall be considered included in the base bid. No additional payment will be made for tree removal to accommodate demolition operations. The owner's representative must approve any and all proposed tree removal prior to removal.
- E. Bidder will be responsible for inspections, evaluation of materials and proper removal of all hazardous material in compliance with:

ENVIRONMENTAL PROTECTION AGENCY REGULATIONS ON NATIONAL EMISSION
STANDARDS FOR HAZARDOUS AIR POLLUTANTS

(40 CFR 61) Subparts A and M, and 29 CFR 1910 and 1926. Disposal of solid waste containing asbestos is regulated under Georgia Rules for solid waste management - Chapter 391-3-4.04 (6) as special wastes in compliance with the "Georgia Asbestos Safety Act" and the "Georgia Air quality Act of 1978"

Bidder agrees to indemnify and hold harmless the Owner and the County from any and all claims in connection with removal of hazardous material contained with the improvements to be removed and to furnish an executed "Certificate of Compliance" with the payment invoice. Contract payments and bond releases (if applicable) will not be processed until the "Certificate of Compliance" has been received. Failure to properly include handling and disposal of suspect materials in bidder's cost submittal will not constitute grounds for adjustments to this contract.

- F. The Bidder agrees that the cost of any work performed, materials furnished, services provided or expenses incurred, which are not specifically delineated in the Contract Documents but which are incidental to the scope, intent, and completion of the Contract, shall be deemed to have been included in the prices bid for the unit scheduled.

- G. The Bid for Demolition of improvements and removal of debris does not include in any way any of the property upon which they are located. The Bid covers only the improvements and debris, as previously stated. **Salvage, removal, reuse, moving, or recycling of the structure(s) and or any part is not allowed.**
- H. Bidder will comply with all Federal, State, or local laws or ordinances applicable to this work during the performance of this contract. **Bidder will be responsible for obtaining all permits (if required).**
- I. The Bidder is responsible for examining and fully understanding the Specifications, and other Documents hereto attached, and has made a personal examination of the Site of the proposed Work, and has satisfied himself as to the actual conditions and requirements of the Work, and hereby proposes and agrees that if his proposal is accepted, he will contract with Gwinnett County in full conformance.
- J. No bids will be accepted from Recreation Authority members, Gwinnett County Board of Education Employees, Gwinnett County Employees or from previous persons employed in connection with the appraisals and/or property acquisition of this project.
- K. Successful bidder is required to provide a Certificate of Insurance as specified in the quote documents.
- L. The Bidder is responsible for coordinating termination of all utilities with the utility provider to the edge of the property at the right of way. All utility poles are to be removed. All overhead lines and or cables are to be removed. All underground water, sewer, septic, and gas lines are to be terminated and or capped and marked at the edge of the property at the right of way.
- M. There shall be at least one person in a position of responsibility representing the Contractor, on site at all times, that is capable of translating from English to the language used by the workforce.
- N. The Bidder further proposes and agrees hereby to promptly commence the Work with adequate personnel and equipment. In no case will the bidder be permitted to collect rentals on the property or improvements released for demolition.
- O. Individuals, firms and businesses seeking an award of a Gwinnett County contract may not initiate or continue any verbal or written communications regarding a solicitation with any County officer, elected official, employee or other County representative without permission of the Purchasing Associate named in the solicitation between the date of the issuance of the solicitation and the date of the final contract award by the Board of Commissioners. Violations will be reviewed by the Purchasing Director. If determined that such communication has compromised the competitive process, the offer submitted by the individual, firm or business may be disqualified from consideration for award.
- P. Insurance: If Asbestos Abatement is required, use the insurance requirements for Asbestos Removal.
- Q. Slab, foundation and septic tank are to be removed and disposed of in accordance with any state, local or federal laws.

**STANDARD INSURANCE REQUIREMENTS
ASBESTOS REMOVAL**

1. Statutory Workers' Compensation Insurance
 - (a) Employers Liability:
 - Bodily Injury by Accident - \$100,000 each accident
 - Bodily Injury by Disease - \$500,000 policy limit
 - Bodily Injury by Disease - \$100,000 each employee

2. Commercial General Liability insurance
 - (a) \$1,000,000 limit of liability per occurrence for bodily injury and property damage
 - (b) The following additional coverages must apply:
 - * 1986 (or later) ISO Commercial General Liability Form
 - * Dedicated Limits per Project Site or Location (CG 25 03 or CG 25 04)
 - * Additional Insured Endorsement (Form B CG 20 10 with a modification for completed operations)
 - * Blanket Contractual Liability (included in 1986 or later forms)
 - * Broad Form Property Damage (included in 1986 or later forms)
 - * Severability of Interest (included in 1986 or later forms)
 - * Underground, explosion, and collapse coverage (included in 1986 or later forms)
 - * Personal Injury (deleting both contractual and employee exclusions)
 - * Incidental Medical Malpractice
 - * Hostile Fire Pollution Wording
 - * This coverage cannot have any exclusion for asbestos removal or claims

3. Auto Liability Insurance
 - (a) \$500,000 limit of liability per occurrence for bodily injury and property damage
 - (b) Comprehensive form covering all owned, non-owned, leased, hired, and borrowed vehicles
 - (c) Additional Insured Endorsement
 - (d) Contractual Liability

4. Umbrella Liability Insurance - \$1,000,000 limit of liability
 - (a) The following additional coverages must apply
 - * Additional Insured Endorsement
 - * Concurrency of Effective Dates with Primary
 - * Blanket Contractual Liability
 - * Drop Down Feature
 - * Care, Custody, and Control - Follow Form Primary
 - * Aggregates: Apply Where Applicable in Primary
 - * Umbrella Policy must be as broad as the primary policy
 - * This coverage cannot have any exclusion for asbestos removal or claims

5. Gwinnett County Board of Commissioners (and any applicable Authority) should be shown as an additional insured on General Liability, Auto Liability and Umbrella Liability policies.

6. The cancellation provision should provide 30 days notice of cancellation.

7. Certificate Holder should read:
 - Gwinnett County Board of Commissioners
 - 75 Langley Drive
 - Lawrenceville, GA 30046-6935

8. Insurance Company, except Worker' Compensation carrier, must have an A.M. Best Rating of A-5 or higher. Certain Workers' Comp funds may be acceptable by the approval of the Risk Management Division. European markets including those based in London and domestic surplus lines markets that operate on a non-admitted basis are exempt from this requirement provided that the contractor's broker/agent can provide financial data to establish that a market is equal to or exceeds the financial strengths associated with the A.M. Best's rating of A-5 or better.
9. Insurance Company should be licensed to do business by the Georgia Department of Insurance.
10. Certificates of Insurance, and any subsequent renewals, must reference specific bid/contract by project name and project/bid number.
11. All insurance coverages required to be provided by the Contractor will be primary over any insurance program carried by the County.
12. Contractor shall incorporate a copy of the insurance requirements as herein provided in each and every subcontract with each and every Subcontractor in any tier, and shall require each and every subcontractor of any tier to comply with all such requirements. Contractor agrees that if for any reason Subcontractor fails to procure and maintain insurance as required, all such required Insurance shall be procured and maintained by Contractor at Contractor's expense.
13. No Contractor or Subcontractor shall commence any work of any kind under this Contract until all insurance requirements contained in this Contract have been complied with and until evidence of such compliance satisfactory to Gwinnett County as to form and content has been filed with Gwinnett County. **The Acord Certificate of Insurance or a preapproved substitute is the required form in all cases where reference is made to a Certificate of Insurance or an approved substitute.**
14. The Contractor shall agree to waive all rights of subrogation against the County, the Board of Commissioners, its officers, officials, employees, and volunteers from losses arising from work performed by the contractor for the county.
15. All Risk Contractors' Equipment and Contents Insurance covering owned, used, and leased equipment, tools, supplies, and contents required to perform the services called for in the Contract. The coverage must be for full replacement cost. The County will be included as a Loss Payee in this coverage for County owned equipment, tools, supplies, and contents.
16. The Contractor shall make available to the County, through its records or records of their insurer, information regarding a specific claim. Any loss run information available from the contractor or their insurer will be made available to the county upon their request.
17. Compliance by the Contractor and all subcontractors with the foregoing requirements as to carrying insurance shall not relieve the Contractor and all Subcontractors of their liability provisions of the Contract.
18. The Contractor and all Subcontractors are to comply with the Occupational Safety and Health Act of 1970, Public Law 91-956, and any other laws that may apply to this Contract.
19. The Contractor shall at a minimum apply risk management practices accepted by the contractors' industry.

Surety Bonds (If Required)

All of the surety requirements will stay the same except the Surety Company must have the same rating as item 8 above.

FAILURE TO RETURN THIS PAGE WITH QUOTE DOCUMENTS COULD RESULT IN REJECTION OF QUOTE

QUOTE SCHEDULE

DESCRIPTION	State Start Date	State Completion Date	TOTAL PRICE
Demolition & Asbestos Abatement of the structure at 2898 Hamilton Mill Road, Buford, GA 30519 (per the attached specifications).			\$
TOTAL PRICE			\$

Note: Completion time may be considered in determining award.

Certification of Non-Collusion in Quote Preparation _____
Signature Date

The County requires that all who enter into a contract for the physical performance of services with the County must satisfy O.C.G.A. § 13-10-91 and Rule 300-10-1-.02, in all manner, and such are conditions of the contract.

In compliance with the attached specifications, the undersigned offers and agrees, within sixty (60) days of the date of quote opening, to furnish any or all of the items upon which prices are quoted, at the price set opposite each item, delivered to the designated point(s) within the time specified in the quote schedule.

NOTE: If your firm will be doing the asbestos abatement, you must provide your State of Georgia License number with your quote.

State of Georgia Asbestos Abatement License Number: _____

If a subcontractor will be providing asbestos abatement, provide required information on next sheet (List of Subcontractors).

Legal Business Name _____ Federal Tax ID _____

Address _____

Does your company currently have a location within Gwinnett County? Yes No

Representative Signature _____ Printed Name _____

Telephone Number _____ Fax Number _____

Email Address _____

**GWINNETT COUNTY, GEORGIA
LIST OF SUBCONTRACTORS**

I do _____, do not _____, propose to subcontract some of the work on this project. I propose to subcontract work to the following subcontractors:

NAME AND ADDRESS	TYPE OF WORK

NOTE: If asbestos abatement will be done by subcontractor, you must provide the information above and provide their State of Georgia License number.

State of Georgia Asbestos Abatement License Number: _____

Company Name _____

FAILURE TO RETURN THIS PAGE AS PART OF YOUR BID DOCUMENT MAY RESULT IN REJECTION OF BID.

REFERENCES

Gwinnett County requests a minimum of three, (3) references where work of a similar size and scope has been completed.

- 1. Company Name _____
Brief Description Of Project _____
Completion Date _____
Contact Person _____
Telephone _____ Facsimile _____
E-Mail Address _____

- 2. Company Name _____
Brief Description Of Project _____
Completion Date _____
Contact Person _____
Telephone _____ Facsimile _____
E-Mail Address _____

- 3. Company Name _____
Brief Description Of Project _____
Completion Date _____
Contact Person _____
Telephone _____ Facsimile _____
E-Mail Address _____

Company Name _____



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IWQ Demo at 2898 Hamilton Mill Road

gwinnettcounty

**CONTRACTOR AFFIDAVIT AND AGREEMENT
(THIS FORM SHOULD BE FULLY COMPLETED AND RETURNED WITH YOUR SUBMITTAL)**

By executing this affidavit, the undersigned contractor verifies its compliance with **The Illegal Reform Enhancements for 2013**, stating affirmatively that the individual, firm, or corporation which is contracting with the Gwinnett County Board of Commissioners has registered with and is participating in a federal work authorization program* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act, in accordance with the applicability provisions and deadlines established therein.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services or the performance of labor pursuant to this contract with the Gwinnett County Board of Commissioners, contractor will secure from such subcontractor(s) similar verification of compliance with **the Illegal Immigration Reform and Enforcement Act** on the Subcontractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the Gwinnett County Board of Commissioners at the time the subcontractor(s) is retained to perform such service.

E-Verify * User Identification Number

Date Registered

Legal Company Name

Street Address

City/State/Zip Code

BY: Authorized Officer or Agent
(Contractor Signature)

Date

Title of Authorized Officer or Agent of Contractor

Printed Name of Authorized Officer or Agent

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE
_____ DAY OF _____, 201__

For Gwinnett County Use Only:
Document ID # _____
Issue Date: _____
Initials: _____

Notary Public
My Commission Expires:

* As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is "E-Verify" operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA).
Rev. 6.20.13



ATTENTION

FAILURE TO RETURN THE FOLLOWING DOCUMENTS MAY RESULT IN BID BEING DEEMED NON-RESPONSIVE AND AUTOMATIC REJECTION:

1. FAILURE TO USE COUNTY BID SCHEDULE.
2. FAILURE TO RETURN APPLICABLE COMPLIANCE SHEETS/SPECIFICATION SHEETS.
3. FAILURE TO RETURN APPLICABLE ADDENDA.
4. FAILURE TO PROVIDE INFORMATION ON ALTERNATES OR EQUIVALENTS.
5. THE COUNTY SHALL BE THE SOLE DETERMINANT OF TECHNICALITY VS. NON-RESPONSIVE BID.
6. FAILURE TO PROVIDE BID BOND, WHEN REQUIRED, WILL RESULT IN BID BEING DEEMED NON-RESPONSIVE AND AUTOMATIC REJECTION. BID BONDS ARE NOT REQUIRED ON ALL BIDS. BOND REQUIREMENTS ARE CLEARLY STATED ON THE INVITATION TO BID. IF YOU NEED CLARIFICATION, CONTACT THE PURCHASING ASSOCIATE. **IF BONDS ARE REQUIRED, FORMS WILL BE PROVIDED IN THIS BID DOCUMENT.**
7. FAILURE TO PROVIDE CONTRACTOR AFFIDAVIT AND AGREEMENT, WHEN REQUIRED, MAY RESULT IN BID BEING DEEMED NON-RESPONSIVE AND AUTOMATIC REJECTION. CONTRACTOR AFFIDAVIT AND AGREEMENT IS NOT REQUIRED ON ALL BIDS. IF YOU NEED CLARIFICATION, CONTACT THE PURCHASING ASSOCIATE.

GWINNETT COUNTY
DEPARTMENT OF FINANCIAL SERVICES – PURCHASING DIVISION
GENERAL INSTRUCTIONS FOR BIDDERS, TERMS AND CONDITIONS

I. PREPARATION OF BIDS

- A. Each bidder shall examine the drawings, specifications, schedule and all instructions. Failure to do so will be at the bidder's risk, as the bidder will be held accountable for their bid response.
- B. Each bidder shall furnish all information required by the bid form or document. Each bidder shall sign the bid and print or type his or her name on the schedule. The person signing the bid must initial erasures or other changes. An authorized agent of the company must sign bids.
- C. With the exception of solicitations for the sale of real property, individuals, firms and businesses seeking an award of a Gwinnett County contract may not initiate or continue any verbal or written communications regarding a solicitation with any County officer, elected official, employee or other County representative other than the Purchasing Associate named in the solicitation between the date of the issuance of the solicitation and the date of the final contract award by the Board of Commissioners. The Purchasing Director will review violations. If determined that such communication has compromised the competitive process, the offer submitted by the individual, firm or business may be disqualified from consideration for award. Solicitations for the sale of real property may allow for verbal or written communications with the appropriate Gwinnett County representative.
- D. Sample contracts (if pertinent) are attached. These do NOT have to be filled out with the bid/proposal submittal, but are contained for informational purposes only. If awarded, the successful bidder(s) will be required to complete them prior to contract execution.
- E. Effective, July 1, 2013 and in accordance with the Georgia Illegal Reform and Enforcement, an original signed, notarized and fully completed Contractor Affidavit and Agreement should be included with your bid/proposal submittal, if the solicitation is for the physical performance of services for all labor or service contract(s) that exceed \$2,499.99 (except for services performed by an individual who is licensed pursuant to Title 26, Title 43, or the State Bar of Georgia). Failure to provide the Contractor Affidavit and Agreement with your bid/proposal submittal may result in bid/proposal being deemed non-responsive and automatic rejection.

II. DELIVERY

- A. Each bidder should state time of proposed delivery of goods or services.
- B. Words such as "immediate," "as soon as possible," etc. shall not be used. The known earliest date or the minimum number of calendar days required after receipt of order (delivery A.R.O.) shall be stated (if calendar days are used, include Saturday, Sunday and holidays in the number).

III. EXPLANATION TO BIDDERS

Any explanation desired by a bidder regarding the meaning or interpretation of the invitation for bids, drawings, specifications, etc. must be requested by the question cutoff deadline stated in the solicitation in order for a reply to reach all bidders before the close of bid. Any information given to a prospective bidder concerning an invitation for bid will be furnished to all prospective bidders as an addendum to the invitation if such information is necessary or if the lack of such information would be prejudicial to uninformed bidders. The written bid documents supersede any verbal or written communications between parties. Receipt of addendum should be acknowledged in the bid. **It is the bidder's**

responsibility to ensure that they have all applicable addenda prior to bid submittal. This may be accomplished via contact with the assigned Procurement Agent prior to bid submittal.

IV. SUBMISSION OF BIDS

- A. Bids shall be enclosed in sealed envelopes, addressed to the Gwinnett County Purchasing Office with the name of the bidder, the date and hour of opening and the invitation to bid number on the face of the envelope. Telegraphic/faxed bids will not be considered. Any addenda should be enclosed in the sealed envelopes as well.
- B. ADD/DEDUCT: Add or deduct amounts indicated on the outside of the envelope are allowed and will be applied to the lump sum amount. Amount shall be clearly stated and should be initialed by an authorized company representative.
- C. Samples of items, when required, must be submitted within the time specified and, unless otherwise specified by the County, at no expense to the County. Unless otherwise specified, samples will be returned at the bidder's request and expense if items are not destroyed by testing.
- D. Items offered must meet required specifications and must be of a quality, which will adequately serve the use and purpose for which intended.
- E. Full identification of each item bid upon, including brand name, model, catalog number, etc. must be furnished to identify exactly what the bidder is offering. Manufacturer's literature may be furnished.
- F. The bidder must certify that items to be furnished are new and that the quality has not deteriorated so as to impair its usefulness.
- G. Unsigned bids will not be considered except in cases where bid is enclosed with other documents, which have been signed. The County will determine this.
- H. Gwinnett County is exempt from federal excise tax and Georgia sales tax with regard to goods and services purchased directly by Gwinnett County. Suppliers and contractors are responsible for federal excise tax and sales tax, including taxes for materials incorporated in county construction projects. Suppliers and contractors should contact the State of Georgia Sales Tax Division for additional information.
- I. Information submitted by a bidder in the bidding process shall be subject to disclosure after the public opening in accordance with the Georgia Open Records Act.

V. WITHDRAWAL OF BID DUE TO ERRORS

The bidder shall give notice in writing of his claim of right to withdraw his bid without penalty due to an error within two (2) business days after the conclusion of the bid opening procedure. Bids may be withdrawn from consideration if the price was substantially lower than the other bids due solely to a mistake therein, provided the bid was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the bid, which unintentional arithmetic error or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and material used in the preparation of the bid sought to be withdrawn. The bidder's original work papers shall be the sole acceptable evidence of error and mistake if he elects to withdraw his bid. If a bid is withdrawn under the authority of this provision, the lowest remaining responsive bid shall be deemed to be low bid.

No bidder who is permitted to withdraw a bid shall, for compensation, supply any material or labor or perform any subcontract or other work agreement for the person or firm to whom the contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the withdrawn bid was submitted.

Supplier has up to forty-eight (48) hours to notify the Gwinnett County Purchasing Office of an obvious clerical error made in calculation of bid in order to withdraw a bid after bid opening. Withdrawal of bid for this reason must be done in writing within the forty-eight (48) hour period. Suppliers who fail to request withdrawal of bid by the required forty-eight (48) hours shall automatically forfeit bid bond. Bid may not be withdrawn otherwise.

Bid withdrawal is not automatically granted and will be allowed solely at Gwinnett County's discretion.

VI. TESTING AND INSPECTION

Since tests may require several days for completion, the County reserves the right to use a portion of any supplies before the results of the tests are determined. Cost of inspections and tests of any item, which fails to meet the specifications, shall be borne by the bidder.

VII. F.O.B. POINT

Unless otherwise stated in the invitation to bid and any resulting contract, or unless qualified by the bidder, items shall be shipped F.O.B. Destination. The seller shall retain title for the risk of transportation, including the filing for loss or damages. The invoice covering the items is not payable until items are delivered and the contract of carriage has been completed. Unless the F.O.B. clause states otherwise, the seller assumes transportation and related charges either by payment or allowance.

VIII. PATENT INDEMNITY

The contractor guarantees to hold the County, its agents, officers or employees harmless from liability of any nature or kind for use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, articles or appliances furnished or used in the performance of the contract, for which the contractor is not the patentee, assignee or licensee.

IX. BID BONDS AND PAYMENT AND PERFORMANCE BONDS (IF REQUIRED, FORMS WILL BE PROVIDED IN THIS DOCUMENT)

A five percent (5%) bid bond, a one hundred percent (100%) performance bond, and a one hundred percent (100%) payment bond must be furnished to Gwinnett County for any bid as required in bid package or document. **Failure to submit a bid bond with the proper rating will result in the bid being deemed non-responsive.** Bonding company must be authorized to do business in Georgia by the Georgia Insurance Commission, listed in the Department of the Treasury's publication of companies holding certificates of authority as acceptable surety on Federal bonds and as acceptable reinsuring companies, and have an A.M. Best rating as stated in the insurance requirement of the solicitation. **The bid bond, payment bond, and performance bond must have the proper an A.M. Best rating as stated in the bid when required in the bid package or document.**

X. DISCOUNTS

- A. Time payment discounts will be considered in arriving at net prices and in award of bids. Offers of discounts for payment within ten (10) days following the end of the month are preferred.
- B. In connection with any discount offered, time will be computed from the date of delivery and acceptance at destination, or from the date correct invoice or voucher is received, whichever is the later date. Payment is deemed to be made for the purpose of earning the discount, on the date of the County check.

XI. AWARD

- A. Award will be made to the lowest responsive and responsible bidder. The quality of the articles to be supplied, their conformity with the specifications, their suitability to the requirements of the County, and the delivery terms will be taken into consideration in making the award. The County may make such investigations as it deems necessary to determine the ability of the bidder to perform, and the bidder shall furnish to the County all such information and data for this purpose as the County may request. The County reserves the right to reject any bid if the evidence submitted by, or investigation of such bidder fails to satisfy the County that such bidder is properly qualified to carry out the obligations of the contract.
- B. The County reserves the right to reject or accept any or all bids and to waive technicalities, informalities and minor irregularities in bids received.
- C. The County reserves the right to make an award as deemed in its best interest, which may include awarding a bid to a single bidder or multiple bidders; or to award the whole bid, only part of the bid, or none of the bid to single or multiple bidders, based on its sole discretion of its best interest.

XII. DELIVERY FAILURES

Failure of a contractor to deliver within the time specified or within reasonable time as interpreted by the Purchasing Director, or failure to make replacement of rejected articles/services when so requested, immediately or as directed by the Purchasing Director, shall constitute authority for the Purchasing Director to purchase in the open market articles/services of comparable grade to replace the articles/services rejected or not delivered. On all such purchases, the contractor shall reimburse the County within a reasonable time specified by the Purchasing Director for any expense incurred in excess of contract prices, or the County shall have the right to deduct such amount from monies owed the defaulting contractor. Alternatively, the County may penalize the contractor one percent (1%) per day for a period of up to ten (10) days for each day that delivery or replacement is late. Should public necessity demand it, the County reserves the right to use or consume articles delivered which are substandard in quality, subject to an adjustment in price to be determined by the Purchasing Director.

XIII. COUNTY FURNISHED PROPERTY

No material, labor or facilities will be furnished by the County unless so provided in the invitation to bid.

XIV. REJECTION AND WITHDRAWAL OF BIDS

Failure to observe any of the instructions or conditions in this invitation to bid may constitute grounds for rejection of bid.

XV. CONTRACT

Each bid is received with the understanding that the acceptance in writing by the County of the offer to furnish any or all of the commodities or services described therein shall constitute a contract between the bidder and the County which shall bind the bidder on his part to furnish and deliver the articles quoted at the prices stated in accordance with the conditions of said accepted bid. The County, on its part, may order from such contractor, except for cause beyond reasonable control, and to pay for, at the agreed prices, all articles specified and delivered.

Upon receipt of a bid package containing a Gwinnett County "Sample Contract" as part of the requirements, it is understood that the bidder has reviewed the documents with the understanding that Gwinnett County requires that all agreements between the parties must be entered into via this document. If any exceptions are taken to any part, each must be stated in detail and submitted as part of the bid. If no exceptions are stated, it is assumed that the bidder fully agrees to the provisions contained in the "Sample Contract" in its entirety.

When the contractor has performed in accordance with the provisions of this agreement, Gwinnett County shall pay to the contractor, within thirty (30) days of receipt of any department approved payment request and based upon work completed or service provided pursuant to the contract, the sum so requested, less the retainage stated in this agreement, if any. In the event that Gwinnett County fails to pay the contractor within sixty (60) days of receipt of a pay requested based upon work completed or service provided pursuant to the contract, the County shall pay the contractor interest at the rate of ½% per month or pro rata fraction thereof, beginning the sixty-first (61st) day following receipt of pay requests. The contractor's acceptance of progress payments or final payment shall release all claims for interest on said payment.

XVI. NON-COLLUSION

Bidder declares that the bid is not made in connection with any other bidder submitting a bid for the same commodity or commodities, and that the bid is bona fide and is in all respects fair and without collusion or fraud. An affidavit of non-collusion shall be executed by each bidder. Collusion and fraud in bid preparation shall be reported to the State of Georgia Attorney General and the United States Justice Department.

XVII. DEFAULT

The contract may be canceled or annulled by the Purchasing Director in whole or in part by written notice of default to the contractor upon non-performance or violation of contract terms. An award may be made to the next low responsive and responsible bidder, or articles specified may be purchased on the open market similar to those so terminated. In either event, the defaulting contractor (or his surety) shall be liable to the County for costs to the County in excess of the defaulted contract prices; provided, however, that the contractor shall continue the performance of this contract to the extent not terminated under the provisions of this clause. Failure of the contractor to deliver materials or services within the time stipulated on his bid, unless extended in writing by the Purchasing Director, shall constitute contract default.

XVIII. TERMINATION FOR CAUSE

The County may terminate this agreement for cause upon ten days prior written notice to the contractor of the contractor's default in the performance of any term of this agreement. Such termination shall be without prejudice to any of the County's rights or remedies by law.

XIX. TERMINATION FOR CONVENIENCE

The County may terminate this agreement for its convenience at any time upon 30 days written notice to the contractor. In the event of the County's termination of this agreement for convenience, the contractor will be paid for those services actually performed. Partially completed performance of the agreement will be compensated based upon a signed statement of completion to be submitted by the contractor, which shall itemize each element of performance.

XX. DISPUTES

Except as otherwise provided in the contract documents, any dispute concerning a question of fact arising under the contract which is not disposed of shall be decided after a hearing by the Purchasing Director, who shall reduce his/her decision to writing and mail or otherwise furnish a copy thereof to the contractor. The decision of the procurement agent shall be final and binding; however, the contractor shall have the right to appeal said decision to a court of competent jurisdiction.

XXI. SUBSTITUTIONS

Bidders offering and quoting on substitutions or who are deviating from the attached specifications shall list such deviations on a separate sheet to be submitted with their bid. The absence of such a substitution list shall indicate that the bidder has taken no exception to the specifications contained herein.

XXII. INELIGIBLE BIDDERS

The County may choose not to accept the bid of a bidder who is in default on the payment of taxes, licenses or other monies due to the County. Failure to respond to three (3) consecutive times for any given commodity/service may result in removal from the supplier list under that commodity/service.

XXIII. OCCUPATION TAX CERTIFICATE

Each successful bidder shall provide evidence of a valid Gwinnett County occupation tax certificate if the bidder maintains an office within the unincorporated area of Gwinnett County. Incorporated, out of County, and out of State bidders are required to provide evidence of a certificate to do business in any town, County or municipality in the State of Georgia, or as otherwise required by County ordinance or resolution.

XXIV. PURCHASING POLICY AND REVIEW COMMITTEE

The Purchasing Policy and Review Committee has been established to review purchasing procedures and make recommendations for changes; resolve problems regarding the purchasing process; make recommendations for standardization of commodities, schedule buying, qualified products list, annual contracts, supplier performance (Ineligible Source List), and other problems or requirements related to Purchasing. The Purchasing Policy & Review Committee has authority to place suppliers and contractors on the Ineligible Source List for reasons listed in Part 6, Section II of the Gwinnett County Purchasing Ordinance.

XXV. AMERICANS WITH DISABILITIES ACT

All contractors for Gwinnett County are required to comply with all applicable sections of the Americans with Disabilities Act (ADA) as an equal opportunity employer. In compliance with the Americans with Disabilities Act (ADA), Gwinnett County provides reasonable accommodations to permit a qualified applicant with a disability to enjoy the privileges of employment equal to those employees with disabilities. Disabled individuals must satisfy job requirements for education background, employment experience, and must be able to perform those tasks that are essential to the job with or without reasonable accommodations. Any requests for the reasonable accommodations required by individuals to fully participate in any open meeting, program or activity of Gwinnett County should be directed to Susan Canon, Human Relations Coordinator, 75 Langley Drive, Lawrenceville, Georgia 30046, 770-822-8165.

XXVI. ALTERATIONS OF SOLICITATION AND ASSOCIATED DOCUMENTS

Alterations of County documents are strictly prohibited and will result in automatic disqualification of the firm's solicitation response. If there are "exceptions" or comments to any of the solicitation requirements or other language, then the firm may make notes to those areas, but may not materially alter any document language.

XXVII. TAX LIABILITY

Local and state governmental entities must notify contractors of their use tax liability on public works projects. Under Georgia law, private contractors are responsible for paying a use tax equal to the sales tax rate on material and equipment purchased under a governmental exemption that is incorporated into a government construction project: excluding material and equipment provided for the installation, repair, or expansion of a public water, gas or sewer system when the property is installed for general distribution purposes. To the extent the tangible personal property maintains its character (for example the installation of a kitchen stove), it remains tax-exempt. However, if the installation incorporates the tangible personal property into realty, e.g., the installation of sheetrock, it becomes taxable to the private contractor.

See O.C.G.A. 48-8-3(2) and O.C.G.A. 48-8-63

XVIII. STATE LAW REGARDING WORKER VERIFICATION

Effective July 1, 2013 State Law requires that all who enter into a contract for the physical performance of services for all labor or service contract(s) that exceed \$2,499.99 (except for services performed by an individual who is licensed pursuant to Title 26, Title 43, or the State Bar of Georgia) for the County, must satisfy the Illegal Immigration Reform and Enforcement Act, in all manner, and such are conditions of the contract.

The Purchasing Division Director with the assistance of the Performance Analysis Division shall be authorized to conduct random audits of a contractor's or subcontractors' compliance with the Illegal Immigration Reform and Enforcement Act and the rules and regulations of the Georgia Department of Labor. The contractor and subcontractors shall retain all documents and records of its compliance for a period of five (5) years following completion of the contract. This requirement shall apply to all contracts for all labor or service contracts that exceed \$2,499.99 except for services performed by an individual who is licensed pursuant to Title 26, Title 43, or the State Bar of Georgia.

Whenever it appears that a contractor's or subcontractor's records are not sufficient to verify the work eligibility of any individual in the employ of such contractor or subcontractor, the Purchasing Director shall report same to the Department of Homeland Security and may result in termination of the contract if it is determined at any time during the work that the contractor/or subcontractor is no longer in compliance with the Illegal Immigration Reform and Enforcement Act.

State Law requires that all who enter into a contract for public works as defined by O.C.G.A. 36-91-2(10) for the County must satisfy the Illegal Immigration Reform and Enforcement Act, in all manner, and such are conditions of the contract.

By submitting a bid to the County, contractor agrees that, in the event the contractor employs or contracts with any subcontractor(s) in connection with the covered contract, the contractor will secure from the subcontractor(s) such subcontractor(s)' indication of the employee-number category applicable to the subcontractor, as well as attestation(s) from such subcontractor(s) that they are in compliance with the Illegal Immigration Reform and Enforcement Act. Original signed, notarized Subcontractor Affidavits and Agreements must be submitted to the County.

The Purchasing Division Director with the assistance of the Performance Analysis Division shall be authorized to conduct random audits of a contractor's or subcontractors' compliance with the Illegal Immigration Reform and Enforcement Act and the rules and regulations of the Georgia Department of Labor. The contractor and subcontractors shall retain all documents and records of its compliance for a period of three (3) years following completion of the contract. This requirement shall apply to all contracts for the public works as defined by O.C.G.A. 36-91-2(10) where any persons are employed on the County contract.

Whenever it appears that a contractor's or subcontractor's records are not sufficient to verify the work eligibility of any individual in the employ of such contractor or subcontractor, the Purchasing Director shall report same to the Department of Homeland Security.

A contractor's failure to participate in the federal work authorization program as defined by the Illegal Immigration Reform and Enforcement Act shall be sanctioned by termination of the contract. If it is determined that a subcontractor is not participating in the federal work authorization program as defined by the Illegal Immigration Reform and Enforcement Act, Gwinnett County may direct the contractor to terminate that subcontractor. A contractor's failure to follow Gwinnett County's instruction to terminate a subcontractor that is not participating in the federal work authorization program as defined by the Illegal Immigration Reform and Enforcement Act may be sanctioned by termination of the contract.

XXIX. SOLID WASTE ORDINANCE

No individual, partnership, corporation or other entity shall engage in solid waste handling except in such a manner as to conform to and comply with the current Gwinnett County Solid Waste Ordinance and all other applicable local, state and federal legislation, rules, regulation and orders.

XXX. GENERAL CONTRACTORS LICENSE

Effective July 1, 2008: All General Contractors must have a current valid license from the State Licensing Board for Residential and General Contractors, unless specifically exempted from holding such license pursuant to Georgia law (O.C.G.A. Section 43-41-17).

XXXI. INDEMNIFICATION

To the fullest extent permitted by law, the Contractor shall, at his sole cost and expense, indemnify, defend, satisfy all judgments, and hold harmless the County, the engineer, and their agents and employees from and against all claims, damages, actions, judgments, costs, penalties, liabilities, losses and expenses, including, but not limited to, attorney's fees arising out of or resulting from the performance of the work, provided that any such claim, damage, action, judgment, cost, penalty, liability, loss or expense (1) is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the work itself) including the loss of use resulting therefrom, and (2) is caused in whole or in part by the negligent acts, errors by any act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless whether such claim is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge or otherwise reduce any of the rights or obligations of indemnity which would otherwise exist as to any party or person described in this agreement. In any and all claims against the County, the engineer, or any of their agents or employees by any employee of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation contained herein shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the Contractor or any subcontractor under Worker's Compensation Acts, disability benefit acts, or other employee benefit acts.

XXXII. CODE OF ETHICS:

“Proposer/Bidder” shall disclose under oath the name of all elected officials whom it employs or who have a direct or indirect pecuniary interest in the business entity, its affiliates, or its subcontractors. The “Proposer/Bidder” shall execute a Code of Ethics affidavit. Failure to submit the affidavit during the bid or proposal process shall render the bid or proposal non-responsive.

The act of submitting false information or omitting material information shall be referred to the Purchasing Policy & Review Committee for action pursuant to the Purchasing Ordinance or to the District Attorney for possible criminal prosecution.

Any business entity holding a contract with Gwinnett County that subsequent to execution of the contract or issuance of the purchase order employs, subcontracts with, or transfers a direct or indirect pecuniary interest in the business entity to an elected official shall within five (5) days disclose such fact in writing under oath to the Clerk of the Board of Commissioners. Failure to comply shall be referred to the Purchasing Policy & Review Committee for action pursuant to the Purchasing Ordinance or to the District Attorney for possible criminal prosecution.

Note: See Gwinnett County Code of Ethics Ordinance EO2011, Sec. 54-33. The ordinance will be available to view in its entirety at www.gwinnettcounty.com.

XXXIII. PENDING LITIGATION:

A bid submitted by an individual, firm or business who has litigation pending against the County, or anyone representing a firm or business in litigation against the County, not arising out of the procurement process, will be disqualified.

XXXIV. ELECTRONIC PAYMENT

Vendors accepting procurements should select one of Gwinnett County's electronic payment options.

- A. A vendor may select ePayables payment process which allows acceptance of Gwinnett County's virtual credit card as payment for outstanding invoices. The authorized vendor representative must send an email to: vendorelectronicpayment@gwinnettcountry.com and indicate the desire to enroll in Gwinnett County's virtual credit card payment process.

- B. A vendor may select Direct Deposit payment process and the payment will be deposited directly into an account at their designated financial institution. To securely enroll in Direct Deposit, either access your online [Vendor Login and Registration](#) on the County's web site and update the requested information on the Direct Deposit tab or mail a Direct Deposit Authorization Agreement form.

The County will send a Payment Advice notification via email for both payment types.

For more information about Electronic Payments, please go to the Treasury Division page on the County's Web Site or click here [Gwinnett County Electronic Payments](#).

DIRECTIONS TO GJAC BUILDING FROM I-85

Take I-85 to Georgia Highway 316 (Lawrenceville/Athens exit). Exit Highway 120 (Lawrenceville/Duluth exit) and turn right. At seventh traffic light, turn right onto Langley Drive. Cross Highway 29 through the traffic light and cross at the 4-way stop sign. The public parking lot is on the left and the Purchasing Division is located in the Administrative Wing.

STRUCTURE DEMOLITION REQUEST

Address: 2898 Hamilton Mill Road, Buford, Ga 30519

Tax Parcel #: 1001 028

Exterior Type: Wood / Block

Roof Type: Shingle

Approximate Date Constructed: 1958

Approximate Square Footage: 1250 +/-

Out Buildings: One (1)

Driveway: Concrete

Fence Type (s) & Location: None

Pool: None

Well: No

Utility Info:

Gas Company (if applicable): Buford Gas

Electric Company: Jackson EMC

Water Provider: Gwinnett County

Sewer or **Septic**

Special Conditions: Remove all concrete driveway and parking to 15' of Dacula Road and 2nd Street. Grade site to drain, seed and straw. Use silt fence as necessary during demolition, as well as traffic control if needed.

**Asbestos Survey Report
Residence at:
2898 Hamilton Mill Road
Buford, GA 30519**



September 19, 2018

**Prepared For:
Gwinnett County, Georgia
Department Of Transportation
75 Langley Drive
Lawrenceville, GA 30045**

**Prepared By:
Life Environmental Services, Inc.
P.O. Box 98217
Atlanta, GA 30359**

Owner Information

Client: Gwinnett County, Georgia
Client Address: 75 Langley Drive
Lawrenceville, GA 30045
Client Phone No.: 770-822-7423

Facility Name: Residence at:
Facility Address: 2898 Hamilton Mill Road
Buford, Georgia 30519

**Dates of Construction &:
Approximate Quantities** Unknown
Approx. 1,075 ft²

Inspection Date(s): September 14, 2018

Inspector Information

Inspection Firm: Life Environmental Services, Inc.
Firm Address: P.O. Box 98217
Atlanta, GA 30359
Firm Phone Number: 404-320-9608

I hereby certify that the survey and inspection referenced by this report, and the report itself, were conducted in accordance with the intent of NESHAP regulations, to the best of my ability and knowledge.

Inspector Signature: 
Printed Name: Randy Haney

Asbestos Inspector License Number

EPA MAP Building Inspector License No. 16745

Inspector Signature: 
Printed Name: Sheri Holman

Asbestos Inspector License Number

EPA MAP Building Inspector License No. 16694

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SECTION 1 EXECUTIVE SUMMARY

1.1 Purpose And Scope Of Work

The purpose of this inspection is to locate and identify asbestos containing materials (ACM) in the subject buildings before scheduled demolition. The National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulation requires that before demolition/renovation of public and commercial buildings, an asbestos survey must be completed to identify the location of ACM. The client will be demolishing the existing residential structure to alter the roadway.

1.2 Site Description

The property, herein the site is located at 2898 Hamilton Mill Road, Buford, Georgia and consists of one residence and two sheds. The residence is built on a crawlspace with cement board siding covered by vinyl siding, wood trim, wood or vinyl windows, wood or metal doors and a shingled roof. The interior is constructed of wallboard or wood walls & ceilings, carpet, wood, or vinyl sheet flooring and wood doors. Both sheds are constructed of wood with metal roofs.

1.3 Inspection Findings And Recommendations

An EPA accredited inspector physically entered into all areas at the site and located 10 homogeneous areas (HA). These HA produced 22 sample analyses with 3 HA and/or layers returning positive results. ACM is defined as a material which contains more than 1% asbestos by Polarized Light Microscopy (PLM). Materials containing more than 1% asbestos are identified in the following table.

Table 1. Asbestos Containing Material at: 2898 Hamilton Mill Road, Buford, GA.

HA	Description And Location	Type	Friable/ Non-Friable	Quantity (Approx.)	Condition	Recommendations
SC-1	Stippled Ceiling over Wallboard; Throughout	3% Chrysotile	Friable	1,075 ft ²	Good	Remove before disturbance
WBJC-1	Wallboard/Jt. Compound; Throughout	2% Chrysotile	Friable	3,000 ft ² Some behind wood panels	Good	Remove before disturbance
ES-1	Cement Board Siding; Exterior Walls under Vinyl Siding	3% Chrysotile	Non-Friable	1,850 ft ²	Good	Remove before disturbance

*Quantities are estimates only. The abatement contractor should field verify quantities if lump sum pricing is to be used.

All stippled ceiling material, wallboard/joint compound (all stippling is on top of wallboard/joint compound), and exterior cement board siding (under vinyl) must be removed by a State of Georgia licensed asbestos contractor before disturbance of the material.

SECTION 2 SURVEY METHODOLOGY

2.1 Sampling Strategy

The inspector entered into each room locating and noting the different homogeneous areas found in the construction.

2.1.1 Homogeneous Areas

Within each construction phase, the inspector determined each suspect material and locations of this material throughout the structure. This is called a homogeneous area (HA) and is further placed into one of three categories determined by the components application and use. The three ACM categories are surfacing materials, thermal system insulation (TSI), and miscellaneous materials as defined below.

Surfacing materials include sprayed or trowled on surfaces (walls, ceilings, structural members) for acoustical, decorative, or fireproofing purposes. Includes plaster and fireproofing insulation.

Thermal system insulation include insulation used to inhibit heat transfer or prevent condensation on pipes, boilers, tanks, ducts, and various other components of hot and cold water systems and heating, ventilation, and air conditioning (HVAC) systems. This includes pipe lagging, pipe wrap, block, batt and blanket insulation, cements and muds, and a variety of other products such as gaskets and ropes.

Miscellaneous Materials include other, largely non-friable products and materials such as floor tile, ceiling tile, roofing felt, concrete pipe, outdoor siding, and fabrics.

2.2 Analytical Methodology

The samples were delivered to Wood Environment & Infrastructure Solutions, Inc. (Wood), a National Voluntary Laboratory Accreditation Program (NVLAP) laboratory. The laboratory analyzed the samples using the polarized light microscopy (PLM) with dispersion staining techniques in accordance with EPA Method 600/R-93/116.

2.3 Results Assessment Methodology

During the survey, the inspector assessed the materials in each HA for friability and condition. This information is used to determine the response action necessary when evaluating the material. A description of the parameters is included below.

Friability

Yes – material that, when dry, may be crumbled, crushed, or reduced to powder by hand pressure, and includes previously non-friable material after such previously non-friable material becomes damaged to the extent that when dry it may be crumbled, crushed, or reduced to powder by hand pressure.

No – material that does not meet the definition for friable.

Condition

Good – material with no visible damage or deterioration, or showing only very limited damage or deterioration.

Damaged – material is crumbling, blistered, water-stained, gouged, marred or otherwise abraded over less than one tenth of the surface if the damage is evenly distributed (one quarter if the damage is localized).

Significantly Damaged – material exhibits crumbling or blistering over at least one tenth of the surface if the damage is evenly distributed (one quarter if the damage is localized); large areas of material hanging from the surface, delaminated, or showing adhesive failure; water stains, gouges, or mars over at least one tenth of the surface if the damage is evenly distributed (one quarter if the damage is localized).

SECTION 3 INSPECTION AND ASSESSMENT CONCLUSIONS

3.1 Friable Materials

The NESHAP part of the Clean Air Act regulates certain renovation, removal and waste disposal activities for ACM that may result in emissions. Friable materials are regulated under this standard and friability must be assessed during the inspection. The inspector is required to physically touch the suspect material to assess friability.

The definition of friability as per NESHAP regulation is, materials that have a high probability of becoming crumbled, pulverized, or reduced to powder by hand pressure, or forced expected to act on the material in the course of the work to be performed. Friable building materials that contain more than 1% asbestos minerals are considered regulated material under NESHAP.

3.1.1 Surfacing Materials

The following friable surfacing materials were identified at the site during the survey.

Table 2. Friable Surfacing Material Homogeneous Areas: 2898 Hamilton Mill Road

HA	Description And Location	Type	Friable/ Non-Friable	*Quantity (Approx.)	Condition	Recommendations
SC-1	Stippled Ceiling; ceilings through out	3 % Chrysotile	Friable	1,075 ft ²	Good	Remove before disturbance

*Quantities are estimates only. The abatement contractor should field verify quantities if lump sum pricing is to be used.

3.1.2 Thermal System Insulation (TSI)

No friable TSI materials were identified at the site during the survey.

3.1.3 Miscellaneous Materials

The following friable miscellaneous materials were identified at the site during the survey.

Table 3. Friable Misc. Material Homogeneous Areas: 2898 Hamilton Mill Road

HA	Description And Location	Type	Friable/ Non-Friable	*Quantity (Approx.)	Condition	Recommendations
WBJC-1	Wallboard/Jt. Compd.; walls and ceilings through out	2 % Chrysotile	Friable	3,000 ft ² Some behind wood panels	Good	Remove before disturbance

*Quantities are estimates only. The abatement contractor should field verify quantities if lump sum pricing is to be used.

3.2 Non-Friable Materials

If a building material is judged not to be friable by the method discussed in 3.1 Friable Materials, it is considered non-friable. Non-friable materials may be made friable during demolition or removal and should be treated as friable ACM if damaged.

3.2.1 Surfacing Materials

Non-friable surfacing materials were not identified at the site during the survey.

3.2.2 Thermal System Insulation

Non-friable thermal system insulation materials were not identified at the site during the survey.

3.2.3 Miscellaneous Materials

The following non-friable miscellaneous materials were identified at the site during the survey.

Table 4. Non-Friable Misc. Material Homogeneous Areas: 2898 Hamilton Mill Road

HA	Description And Location	Type	Friable/ Non-Friable	*Quantity (Approx.)	Condition	Recommendations
RFC-1	Beige pebble pattern sheet flooring; Under carpet in Den	ND	Non-Friable	123 ft ²	Good	No Further Recommendations
RFC-2	9" Square wood pattern sheet flooring; Top layer in Bedroom #1	ND	Non-Friable	132 ft ²	Good	No Further Recommendations
RFC-3	Beige Marble pattern sheet flooring; Bottom layer in Bedroom #1	ND	Non-Friable	132 ft ²	Good	No Further Recommendations
RFC-4	White w/Blue Diamond sheet flooring; Kitchen	ND	Non-Friable	119 ft ²	Good	No Further Recommendations
RFC-5	Gray w/Pink stripes sheet flooring; Bedroom #2	ND	Non-Friable	153 ft ²	Good	No Further Recommendations
RFC-6	4" Brown pattern sheet flooring; Bath #1	ND	Non-Friable	58 ft ²	Good	No Further Recommendations
RFC-7	12" w/2" Wood pattern sheet flooring; Living Room	ND	Non-Friable	206 ft ²	Good	No Further Recommendations
ES-1	Cement Board Siding; Exterior Walls under Vinyl	15% Chrysotile	Non-Friable	1,850 ft ²	Good	Remove before disturbance

ND=None Detected.

*Quantities are estimates only. The abatement contractor should field verify quantities if lump sum pricing is to be used.

3.3 Conclusions and Recommendations

NESHAP governs the removal and disturbance of ACM as mentioned in section 3.1 Friable Materials. The regulations and requirements of NESHAP are enforced by Environmental Protection Agency (EPA) delegated state agencies.

OSHA 29 CFR 1926.1101 Asbestos in Construction Standard, regulates workers and work areas. Work area requirements are defined by OSHA 1926.1101, according to the class of material that is being disturbed. OSHA delineates classes as follows.

- Class I – Activities involving the removal of asbestos containing TSI and surfacing materials.
- Class II – Activities involving the removal of ACM, which is not TSI or surfacing materials. This includes, but is not limited to, the removal of floor tile and sheeting, roofing and siding shingles, and construction mastics.
- Class III – Repair and maintenance operations, where ACM, including TSI and surfacing materials are likely to be disturbed.
- Class IV - Maintenance and custodial activities during which employees contact but do not disturb ACM and activities to clean up dust, waste, or debris resulting from Class, I, II, or III activities.

All stippled ceiling material, wallboard/joint compound (all stippling is on top of wallboard/joint compound), and exterior cement board siding (under vinyl) must be removed by a State of Georgia licensed asbestos contractor before disturbance of the material.

APPENDIX A-LABORATORY RESULTS AND CHAIN OF CUSTODY FORM

PLM REPORT SUMMARY

Wood Environment & Infrastructure Solutions, Inc.
 2677 Buford Hwy
 Atlanta, GA 30324 (404) 873-4761

NVLAP Lab Code 101066-0
 TDH License No. 300433

Client : Life Environmental Services, Inc. Wood Job No. : 6142170441-14
 Project : GwinCo DOT - 2898 Ham Report Date : 9/19/2018
 Client Project No.: N/A Sample Date : 09/14/2018
 Identification : Asbestos, Bulk Sample Analysis
 Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
 App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116

Page 1 of 5

On 9/14/2018, twenty-two (22) bulk material samples were submitted by Randy Haney for asbestos analysis by PLM/DS.

Lab Sample No.	Sample Description / Location	Asbestos Content
259716	Stipple Ceiling Throughout SC-1A HA 1	3% Chrysotile-Texture
259717	Stipple Ceiling Throughout SC-1B HA 1	Not Analyzed-Texture
259718	Stipple Ceiling Throughout SC-1C HA 1	Not Analyzed-Texture
259719	Wallboard/Joint Compound Throughout WBJC-1A HA 2	None Detected-Wallboard 2% Chrysotile-Joint Compound
259720	Wallboard/Joint Compound Throughout WBJC-1B HA 2	None Detected-Wallboard Not Analyzed-Joint Compound
259721	Wallboard/Joint Compound Throughout WBJC-1C HA 2	None Detected-Wallboard Not Analyzed-Joint Compound

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to Wood Environment & Infrastructure Solutions, Inc.

PLM REPORT SUMMARY

Wood Environment & Infrastructure Solutions, Inc.
 2677 Buford Hwy
 Atlanta, GA 30324 (404) 873-4761

NVLAP Lab Code 101066-0
 TDH License No. 300433

Client :	Life Environmental Services, Inc.	Wood Job No. :	6142170441-14
Project :	GwinCo DOT - 2898 Ham	Report Date :	9/19/2018
Client Project No.:	N/A	Sample Date :	09/14/2018
Identification :	Asbestos, Bulk Sample Analysis		
Test Method :	Polarized Light Microscopy / Dispersion Staining (PLM/DS) App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116		

Page 2 of 5

On 9/14/2018, twenty-two (22) bulk material samples were submitted by Randy Haney for asbestos analysis by PLM/DS.

Lab Sample No.	Sample Description / Location	Asbestos Content
259722	Beige Pebble Pattern Sheet Flooring Den RFC-1A HA 3	None Detected-Sheet Flooring
259723	Beige Pebble Pattern Sheet Flooring Den RFC-1B HA 3	None Detected-Sheet Flooring
259724	9" Wood Parquet Pattern Sheet Flooring Top Layer - Bed. 1 RFC-2A HA 4	None Detected-Sheet Flooring
259725	9" Wood Parquet Pattern Sheet Flooring Top Layer - Bed. 1 RFC-2B HA 4	None Detected-Sheet Flooring
259726	Beige Marble Pattern Sheet Flooring Bottom Layer - Bed. 1 RFC-3A HA 5	None Detected-Sheet Flooring
259727	Beige Marble Pattern Sheet Flooring Bottom Layer - Bed. 1 RFC-3B HA 5	None Detected-Sheet Flooring

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to Wood Environment & Infrastructure Solutions, Inc.

PLM REPORT SUMMARY

Wood Environment & Infrastructure Solutions, Inc.
 2677 Buford Hwy
 Atlanta, GA 30324 (404) 873-4761

NVLAP Lab Code 101066-0
 TDH License No. 300433

Client :	Life Environmental Services, Inc.	Wood Job No. : 6142170441-14
Project :	GwinCo DOT - 2898 Ham	Report Date : 9/19/2018
Client Project No.:	N/A	Sample Date : 09/14/2018
Identification :	Asbestos, Bulk Sample Analysis	
Test Method :	Polarized Light Microscopy / Dispersion Staining (PLM/DS) App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116	

Page 3 of 5

On 9/14/2018, twenty-two (22) bulk material samples were submitted by Randy Haney for asbestos analysis by PLM/DS.

Lab Sample No.	Sample Description / Location	Asbestos Content
259728	White w/ Blue Diamond Sheet Flooring Kitchen RFC-4A HA 6	None Detected-Sheet Flooring
259729	White w/ Blue Diamond Sheet Flooring Kitchen RFC-4B HA 6	None Detected-Sheet Flooring
259730	Gray w/ Pink Pattern Sheet Flooring Bed. 2 RFC-5A HA 7	None Detected-Sheet Flooring None Detected-Clear Adhesive
259731	Gray w/ Pink Pattern Sheet Flooring Bed. 2 RFC-5B HA 7	None Detected-Sheet Flooring None Detected-Clear Adhesive
259732	4" Brown Pattern Sheet Flooring Bath 1 RFC-6A HA 8	None Detected-Sheet Flooring None Detected-Clear Adhesive
259733	4" Brown Pattern Sheet Flooring Bath 1 RFC-6B HA 8	None Detected-Sheet Flooring None Detected-Clear Adhesive

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to Wood Environment & Infrastructure Solutions, Inc.

PLM REPORT SUMMARY

Wood Environment & Infrastructure Solutions, Inc.
 2677 Buford Hwy
 Atlanta, GA 30324 (404) 873-4761

NVLAP Lab Code 101066-0
 TDH License No. 300433

Client :	Life Environmental Services, Inc.	Wood Job No. :	6142170441-14
Project :	GwinCo DOT - 2898 Ham	Report Date :	9/19/2018
Client Project No.:	N/A	Sample Date :	09/14/2018
Identification :	Asbestos, Bulk Sample Analysis		
Test Method :	Polarized Light Microscopy / Dispersion Staining (PLM/DS) App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116		

Page 4 of 5

On 9/14/2018, twenty-two (22) bulk material samples were submitted by Randy Haney for asbestos analysis by PLM/DS.

Lab Sample No.	Sample Description / Location	Asbestos Content
259734	12" Wood Pattern Sheet Flooring Living Room RFC-7A HA 9	None Detected-Sheet Flooring None Detected-Clear Adhesive
259735	12" Wood Pattern Sheet Flooring Living Room RFC-7B HA 9	None Detected-Sheet Flooring None Detected-Clear Adhesive
259736	Exterior Siding - Cement Board Under Vinyl- Ext. Walls ES-1A HA 10	15% Chrysotile-Cement Board
259737	Exterior Siding - Cement Board Under Vinyl- Ext. Walls ES-1B HA 10	Not Analyzed-Cement Board

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to Wood Environment & Infrastructure Solutions, Inc.

PLM REPORT SUMMARY

Wood Environment & Infrastructure Solutions, Inc.
2677 Buford Hwy
Atlanta, GA 30324 (404) 873-4761

NVLAP Lab Code 101066-0
TDH License No. 300433

Client : Life Environmental Services, Inc. Wood Job No. : 6142170441-14
Project : GwinCo DOT - 2898 Ham Report Date : 9/19/2018
Client Project No.: N/A Sample Date : 09/14/2018
Identification : Asbestos, Bulk Sample Analysis
Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116

Page 5 of 5

STATEMENT OF LABORATORY ACCREDITATION

These samples were analyzed at the Atlanta Branch of Wood Environment & Infrastructure Solutions, Inc. in the Asbestos Laboratory at 2677 Buford Hwy, Atlanta, GA, 30324. The laboratory holds accreditation from the National Institute of Standards and Technology (formerly National Bureau of Standards) under the National Voluntary Laboratory Accreditation Program (NVLAP). This laboratory also is licensed and authorized to perform as an Asbestos Laboratory in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

The samples were analyzed by polarized light microscopy in general accordance with the procedures described in the Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116. The results of each bulk sample analysis relate only to the material tested. This report shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Specific questions concerning bulk sample results shall be directed to the PLM Laboratory Manager.

Analyst : Geraine N. Marshall

PLM Laboratory Manager : Tom D. Morrison



Approved Signatory : Geraine N. Marshall

Lab Numbers 259716 to 259737



Bulk Sample Chain of Custody

Wood Environment & Infrastructure Solutions, Inc.
 2677 Buford Hwy NE
 Atlanta, Georgia 30324
 T: 404-817-0216
 www.woodplc.com

Page 1 of 2
 Total # of Samples: 22

Project Name: GwinCo DOT - 2898 Ham Date Collected: 9-14-18
 Project No.: _____ Phase: _____ Task: _____ Date Results Needed By: Noon on 9/19/18
 Client: Life Environmental Services, Inc. Client Project No.: _____
 Special Instructions: Please use positive step Transmit Results to the attention of: Randy Haney
 Sender's Signature: Randy Haney Date: 9-14-18
 Samples Delivered to: WOOD-ATLANTA PLM LAB - 2677 Buford Highway - Atlanta, GA 30324
 TURN AROUND TIME: PLM 24 Hour PLM 48 Hour PLM 3-10 Day

Polarized Light Microscopy / Dispersion Staining (PLM/DS)
 EPA Method 600/R-93/116 / EPA 600/M4-82-020

Note - unless otherwise requested in writing samples will be disposed of 90 days after the date of analysis.

Samples Received By: Genevieve Marshall Date: 9/14/18

Sample No.	HA No.	General Description of Material Sampled	Approximate Sample Location
SC-1A	1	Stipple Ceiling	through out
SC-1B	1	" "	"
SC-1C	1	" "	"
WBJC-1A	2	Wallboard / joint compound	Throughout
WBJC-1B	2	" " "	"
WBJC-1C	2	" " "	"
RFC-1A	3	Beige Pebble Pattern Sheet Flooring	Den
RFC-1B	3	" " " " "	"
RFC-2A	4	9" wood Parquet Pattern Sheet Flooring	Top Layer - Bed. 1
RFC-2B	4	" " " " " "	" " " "

(Use additional pages as necessary and securely attach to this sheet.)

Lab Numbers 259716 to 259737



Project Number: Gwinco DOT - 2898 HAM

Page: 2 of 2

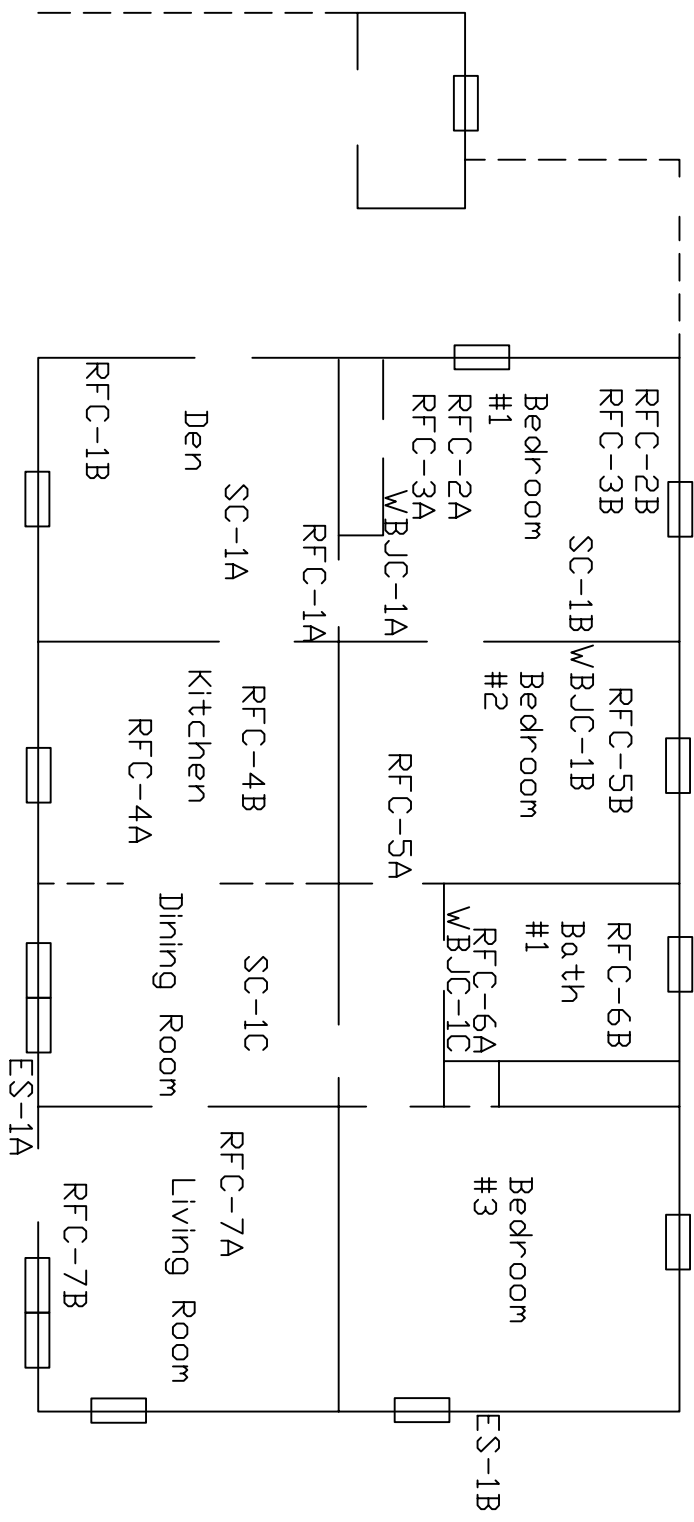
Sample No.	HA No.	General Description of Material Sampled	Approximate Sample Location
RFC-3A	5	Beige marble Pattern sheet flooring	Bottom Layer - Bed. 1
RFC-3B	5	" " " " "	" " " "
RFC-4A	6	White w/ Blue Diamond Sheet flooring	Kitchen
RFC-4B	6	" " " " "	"
RFC-5A	7	Gray w/ Pink Pattern Sheet flooring	Bed. 2
RFC-5B	7	" " " " "	" "
RFC-6A	8	4" Brown Pattern Sheet flooring	Bath 1
RFC-6B	8	" " " " "	" "
RFC-7A	9	12" Wood Pattern Sheet flooring	Living Room
RFC-7B	9	" " " " "	" "
ES-1A	10	Exterior siding - cement Board	under vinyl - Ext. walls
ES-1B	10	" " " " "	" " " "

'Wood' is a trading name for John Wood Group PLC and its subsidiaries



APPENDIX B-INDIVIDUAL SAMPLE LOCATIONS DRAWING

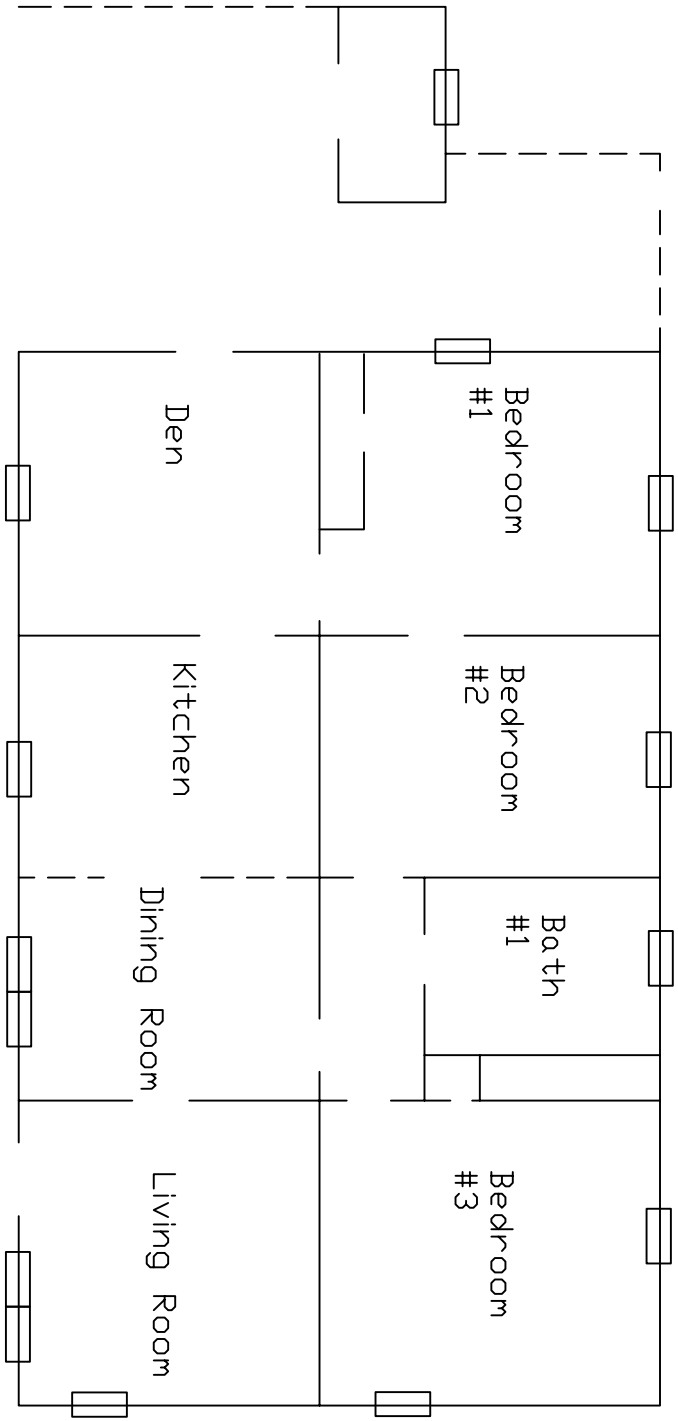
INDIVIDUAL SAMPLE LOCATIONS DRAWING



APPENDIX C-ASBESTOS CONTAINING MATERIAL LOCATIONS DRAWING

ASBESTOS CONTAINING MATERIAL LOCATIONS DRAWING

- NOTE:
1. Exterior cement board siding (under vinyl siding) contains 15% Chrysotile asbestos.
 2. Stipple ceiling (ceilings through-out) contains 3% Chrysotile asbestos.
 3. Wallboard/joint compound (walls & ceilings through-out) contains 2% Chrysotile asbestos.



REV	DATE	DESCRIPTION	DRN BY	DES BY	CHK BY	APP BY

Life Environmental Services, Inc.
 P. O. Box 98217
 Atlanta, GA 30359
 404-320-9608

FACILITY REFERENCE DRAWING FOR:
 2898 Hamilton Mill Road
 Buford, GA 30519

JOB NUMBER	
DATE PLOTTED	
SCALE	
BY: EMB	

The Environmental Institute

Randy Haney

Social Security Number - XXX-XX-8575

Life Environmental Services, Inc. - P. O. Box 98217 - Atlanta, Georgia 30359

*Has completed coursework and satisfactorily passed
an examination that meets all criteria required for
EPA/AHERA/ASHARA (TSCA Title II) Approved Reaccreditation*

Asbestos in Buildings: Inspector & Management Planner Refresher

March 13, 2018

Course Date

16745

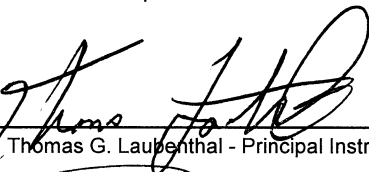
Certificate Number

March 13, 2018

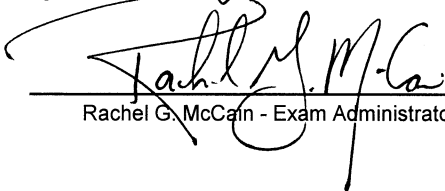
Examination Date

March 12, 2019

Expiration Date

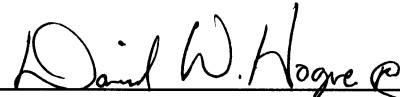


Thomas G. Laubenthal - Principal Instructor



Rachel G. McCain - Exam Administrator





David W. Hogue - Training Manager

(Approved by the ABIH Certification Maintenance Committee for 1 CM point - Approval #11-583)
(Florida Provider Registration #FL49-0001342 - Inspector Ref.Course #0002805 - Mgmt. Plan Ref. Course #0002806)
TEI - 1841 West Oak Parkway, Suite F - Marietta, Georgia 30062 - (770) 427-3600 - www.tei-atl.com

The Environmental Institute

Sheri Holman

Social Security Number - XXX-XX-8032
Life Environmental Services, Inc. - P. O. Box 98217 - Atlanta, Georgia 30359

*Has completed coursework and satisfactorily passed
an examination that meets all criteria required for
EPA/AHERA/ASHARA (TSCA Title II) Approved Reccreditation*

Asbestos in Buildings: Inspector Refresher

February 16, 2018

Course Date

16694

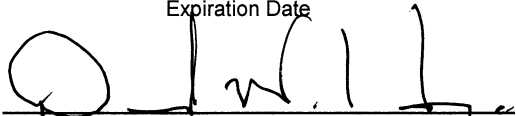
Certificate Number


February 16, 2018

Examination Date

February 15, 2019

Expiration Date


David W. Hogue - Principal Instructor / Training Manager


Rachel G. McCain - Exam Administrator



(Approved by the ABIH Certification Maintenance Committee for 1/2 CM point - Approval #11-577)

(Florida Provider Registration Number FL49-0001342 - Course #FL49-0002805)

TEI - 1841 West Oak Parkway, Suite F - Marietta, Georgia 30062 - (770) 427-3600 - www.tei-atl.com







Georgia Department of Human Resources
INDIVIDUAL SEWAGE DISPOSAL SYSTEM INSPECTION REPORT

County Code: **067** Construction Permit: **6095** Case Number (PHA, VA, etc.):

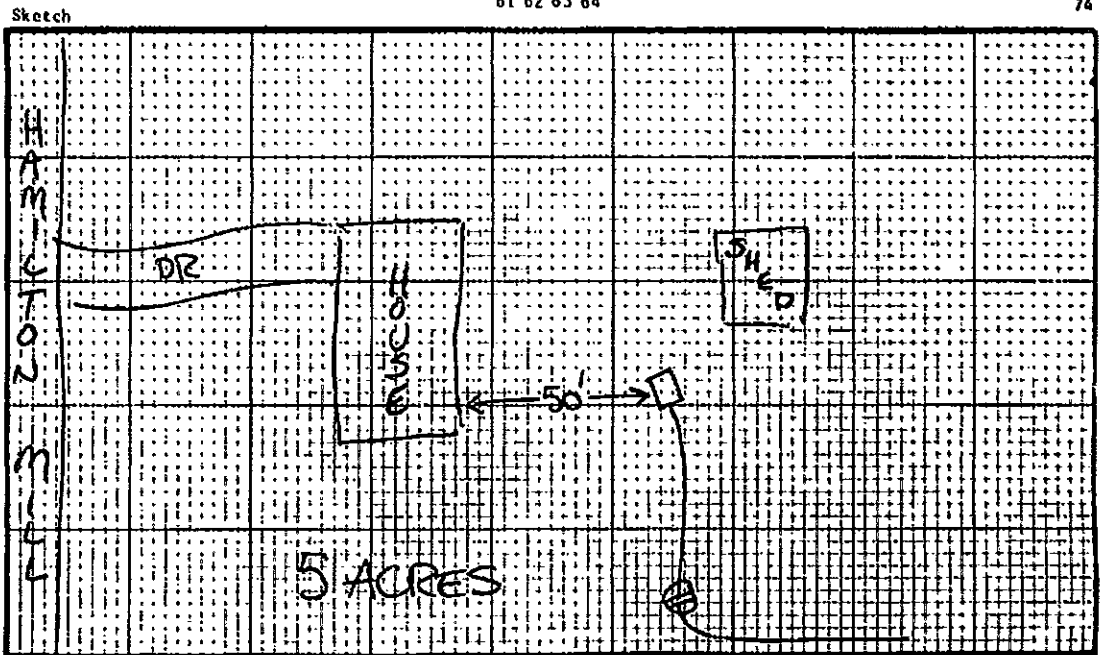
Health Dist.: **ME** Day: **12** Month: **04** Year: **76**

Property Location 2898 Hamilton Mill Rd.	Property Owner Billy Burel	County Gwinnett
	Sewage Disposal Contractor Waymon Browlee	

ALL ITEMS: Blank = Not Applicable; 0 = Unknown

*ITEMS: 1 = Yes; 2 = No

SECTION A - GENERAL	SECTION D - PRIMARY TREATMENT	
1. Type Water Supply: (1) Public, (2) Community, (3) Indiv. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1. Sewage Disposal Method: (1) Septic Tank, (2) Construction Privy, (3) Pit Privy, (4) Other <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	b. Total Linear Feet <input style="width: 100px;" type="text" value="0200"/>
2. Financial Assistance: (1) PHA, (2) VA, (3) Farmers Home, (4) Conventional, (5) Other <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2. Septic Tank Capacity (gallons): <input style="width: 100px;" type="text" value="1000"/>	c. Length each Trench (feet) <input style="width: 100px;" type="text" value="65"/> <input style="width: 100px;" type="text" value="67"/> <input style="width: 100px;" type="text" value="68"/>
3. House Structure: (1) New, (2) Existing < 1 year, (3) Existing > 1 year <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	3. Unit 1 Tank/Compartment Capacity: <input style="width: 100px;" type="text" value="45"/> <input style="width: 100px;" type="text" value="46"/> <input style="width: 100px;" type="text" value="47"/> <input style="width: 100px;" type="text" value="48"/>	d. Width of Trenches (inches) <input style="width: 100px;" type="text" value="12"/> <input style="width: 100px;" type="text" value="16"/> <input style="width: 100px;" type="text" value="69"/> <input style="width: 100px;" type="text" value="70"/>
4. Sewage Disposal Installation: (1) New, (2) Repair to existing sys. <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	4. Septic Tank Inside Length (feet): <input style="width: 100px;" type="text" value="10"/> <input style="width: 100px;" type="text" value="40"/>	e. Number of Trenches <input style="width: 100px;" type="text" value="1"/> <input style="width: 100px;" type="text" value="10"/>
5. If Repair of Existing System - Years System Installed: (1) < 1 year, (2) 1 - 2, (3) 2 - 3, (4) 3 - 5, (5) 5 - 10, (6) > 10 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	5. Septic Tank Inside Width (feet): <input style="width: 100px;" type="text" value="10"/> <input style="width: 100px;" type="text" value="40"/>	f. Distance between Trenches <input style="width: 100px;" type="text" value="1"/> <input style="width: 100px;" type="text" value="10"/>
6. Percolation Rate Min./In.: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	6. Septic Tank Liquid Depth (feet): <input style="width: 100px;" type="text" value="1"/> <input style="width: 100px;" type="text" value="40"/>	g. Average Trench Depth (inches) <input style="width: 100px;" type="text" value="1"/> <input style="width: 100px;" type="text" value="23"/>
7. *Is Property Part of * Subdivision: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	7. Septic Tank Material: (1) Precast concrete, (2) Poured in place, (3) Other <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	h. *Aggregate Proper Size <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
SECTION B - FACILITY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	8. Dosing Tank Capacity (gallons): <input style="width: 100px;" type="text" value="53"/>	i. *Aggregate Proper Depth <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
1. *Type Facility: See Code Below <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	9. Grease Trap Capacity (gallons): <input style="width: 100px;" type="text" value="54"/> <input style="width: 100px;" type="text" value="55"/> <input style="width: 100px;" type="text" value="56"/>	j. Distance from Building Foundation <input style="width: 100px;" type="text" value="20"/> <input style="width: 100px;" type="text" value="50"/>
2. Water Usage Determined by: (1) No. Bedrooms, (2) No. Gallons <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	10. Distance Septic Tank from Well: <input style="width: 100px;" type="text" value="57"/> <input style="width: 100px;" type="text" value="58"/> <input style="width: 100px;" type="text" value="59"/>	k. Nearest Property Line: (1) Front, (2) Rear, (3) R. Side, (4) L. Side <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
3. Number Bedrooms or Gallons: <input style="width: 100px;" type="text" value="40"/> <input style="width: 100px;" type="text" value="41"/> <input style="width: 100px;" type="text" value="42"/> <input style="width: 100px;" type="text" value="43"/>	SECTION E - SECONDARY TREATMENT	l. Distance Nearest Property Line <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
SECTION C - LOT SIZE	1. Field Layout Method: (1) Distribution Box, (2) Level Field, (3) Serial <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	m. Distance Privy or Nitri-fication Field from Well <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
1. Lot Depth (Average): <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2. Nitrification Field: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	SECTION F - HEALTH AGENCY TIME
2. Lot Width (Average): <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	a. Total Square Feet <input style="width: 100px;" type="text" value="01600"/>	1. Total Inclusive Time (min.): <input style="width: 100px;" type="text" value="10"/> <input style="width: 100px;" type="text" value="60"/>
3. Building Line (Feet): <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	SECTION G - SYSTEM APPROVED	1. *Yes <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
SECTION G - SYSTEM APPROVED	2. No <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	SECTION G - SYSTEM APPROVED



1. *Type Facility
- (1) Residence
 - (2) Apartment
 - (3) Institution
 - (4) Service Station
 - (5) Restaurant
 - (6) Church
 - (7) Tourist Accommodation
 - (8) Laundrette
 - (9) Mobile Home Park
 - (10) Other (Specify) _____

Remarks: _____

Inspected By: JF Curlee, Jr.	Title: SA, San.	Health Agency: GCHD
-------------------------------------	------------------------	----------------------------



2898 Hamilton Mill Road
Buford, Ga 30519
R1001 028