

TOWN OF GLASTONBURY

INVITATION TO BID

<u>BID #</u>	<u>ITEM</u>	<u>DATE & TIME REQUIRED</u>
GL-2009-32	Building Demolition and Asbestos Removal At Various Sites	Thursday, March 5, 2009 at 11:00 AM

The Town of Glastonbury is currently seeking bids for removal of asbestos and building demolition at 210 Griswold Street in Glastonbury, Connecticut. Also included in this bid is the removal of asbestos from the remains of a building located at 131 Addison Road to be demolished by the Town, as described in the detailed construction specifications.

Bid Forms may be obtained from the Town web site at <http://www.glastonbury-ct.gov>.

A mandatory pre-bid meeting and site walk-through will be held at 210 Griswold Street on Friday, February 27th at 9:00 AM. Bidders who would like access to the building remains at 131 Addison Road will be accommodated immediately following this meeting.

The Town reserves the right to waive informalities or reject any part of, or the entire bid, when said action is deemed to be in the best interests of the Town. All Sealed Bids must be submitted to the Office of the Purchasing Agent no later than the time and date indicated. All bids will be publicly opened and read.

Mary F. Visone
Purchasing Agent

**BUILDING DEMOLITION AND ASBESTOS REMOVAL
AT VARIOUS SITES
INVITATION TO BID**

BID #GL-2009-32

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1. Sealed bids (**one original and one copy**) on the attached Bid Forms will be received at the Office of the Purchasing Agent, Town Hall, 2155 Main Street, Glastonbury, Connecticut 06033 (second level). At the designated time of opening, they will be publicly opened, read, recorded, and placed on file.
2. Whenever it is deemed to be in the best interest of the Town, the Town Manager, Purchasing Agent, or designated representative shall waive informalities in any and all bids. The right is reserved to reject any bid, or any part of any bid, when such action is deemed to be in the best interest of the Town of Glastonbury.
3. Basis of award: The Town reserves the right to award, accept or reject by individual line item(s) when deemed to be in the best interest of the Town. The Town reserves the right to award this bid to multiple bidders based on the types of work to be completed. Bidders are not required to bid on all line items.
4. Bids will be carefully evaluated as to conformance with stated specifications.
5. The envelope enclosing your bid should be clearly marked by bid number, time of bid opening, and date.
6. Specifications must be submitted complete in every detail and, when requested, samples shall be provided. If a bid involves any exception from stated specifications, they must be clearly noted as exceptions, underlined, and attached to the bid.
7. The Bid Documents contain the provisions required for the requested item. Information obtained from an officer, agent, or employee of the Town or any other person shall not affect the risks or obligations assumed by the Bidder or relieve him/her from fulfilling any of the conditions of the bid.
8. Each Bidder is held responsible for the examination and/or to have acquainted themselves with any conditions at the job site which would affect their work before submitting a bid. Failure to meet these criteria shall not relieve the Bidder of the responsibility of completing the Bid without extra cost to the Town of Glastonbury.
9. Any bid may be withdrawn prior to the above-scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No Bidder may withdraw a bid within sixty (60) days after the actual date of the opening thereof. Should there be reasons why a Bid cannot be awarded within the specified period, the time may be extended by mutual agreement between the Town and the Bidder.
10. **THIS ITEM IS WAIVED:** Each Bid must be accompanied by a Bid Bond payable to the Town for ten percent (10%) of the total amount of the bid. The Bid Bond of the successful Bidder will be retained until the Performance and Payment Bond has been executed and approved, after which it will be returned. A certified check may be used in lieu of a Bid Bond. The Town of Glastonbury will not be liable for the accrual of any interest on any certified check submitted. Cashier's checks will not be accepted.
11. **THIS ITEM IS WAIVED:** A 100% Performance and Payment Bond is required of the successful Bidder. This bond shall cover all aspects of the specification and shall be delivered to the Purchasing Agent prior to the issuance of a purchase order. The Performance and Payment Bond will be returned upon the delivery and acceptance of the bid items.
12. The Bidder agrees and warrants that in the submission of this sealed Bid, they will not discriminate or permit discrimination against any person or group of persons on the grounds of

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race, color, religion, national origin, sex, or physical disability including, but not limited to, blindness, unless it is shown by such Bidder that such disability prevents performance of that which must be done to successfully fulfill the terms of this sealed Bid or in any manner which is prohibited by the laws of the United States or the State of Connecticut: and further agrees to provide the Human Relations Commission with such information requested by the Commission concerning the employment practices and procedures of the Bidder. An Affirmative Action Statement will be required by the successful Bidder.

13. Bidder agrees to comply with all of the latest Federal and State Safety Standards and Regulations and certifies that all work required in this Bid will conform to and comply with said standards and regulations. Bidder further agrees to indemnify and hold harmless the Town for all damages assessed against the Town as a result of Bidder's failure to comply with said standards and/or regulations.
14. All correspondence regarding any purchase made by the Town of Glastonbury shall reference the Town's purchase order number. Each shipping container shall clearly indicate both Town purchase order number and item number.
15. Bidder is required to review the Town of Glastonbury Code of Ethics adopted July 8, 2003 and effective August 1, 2003. Bidder shall acknowledge that they have reviewed the document in the area provided on the Bid/Proposal Response Page (BP). The selected Bidder will also be required to complete and sign an Acknowledgement Form prior to award. The Code of Ethics and the Consultant Acknowledgement Form can be accessed at the Town of Glastonbury website at www.glasct.org. Upon entering the website click on **General Information**, then **Bids and Quotes** which will bring you to the links for the **Code of Ethics** and the **Consultant Acknowledgement Form**. If the Bidder does not have access to the internet, a copy of these documents can be obtained through the Purchasing Department at the address listed within this Bid/Proposal.
16. Each Bid shall include a description of three (3) similar projects completed by the bidder within the past five (5) years with references to demonstrate successful experience with similar projects.
17. Each Bid must be accompanied by a copy of all State licenses applicable to the type of work contained in the bid proposal, including: Building Demolition, Asbestos Abatement, and Independent Industrial Hygienist.
18. **Non-Resident Contractors (IF APPLICABLE):**

The Town is required to report names of non-resident (out-of-State) contractors to the State of Connecticut, Department of Revenue Services (DRS) to ensure that Employment Taxes and other applicable taxes are being paid by Contractors. **Upon award, all non-resident contractors must furnish a five percent (5%) sales tax guarantee bond (State Form AU-766) or a cash bond for five percent (5%) of the total contract price (State Form AU-72) to DRS even though this project is exempt from most sales and use taxes.**

See State Notice to Non-Resident Contractors SN 2005 (12). If the above bond is not provided, the Town is required to withhold five percent (5%) from the contractor's payments and forward it to the State DRS.

The contractor must promptly furnish to the Town a copy of the **Certificate of Compliance** issued by the State DRS.

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19. Bidder shall include on a sheet(s) attached to its proposal a complete disclosure of all past and pending mediation, arbitration, and litigation cases that the Bidder or its principals (regardless of their place of employment) have been involved in for the most recent five years. Please include a statement of the issues in dispute and their resolution. Acceptability of Bidder based upon this disclosure shall lie solely with the Town.
20. Bidder or its principals, regardless of their place of employment, shall not have been convicted of, nor entered any plea of guilty, or nolo contendere, or otherwise have been found civilly liable or criminally responsible for any criminal offense or civil action. Bidder shall not be in violation of any State or local ethics standards or other offenses arising out of the submission of bids or proposals, or performance of work on public works projects or contracts.
21. Access to the former residence at 210 Griswold Street and the building remains at 131 Addison Road will be provided again on Tuesday, March 3rd, 2009 from 9:00 AM to 11:00 AM by appointment only to potential bidders who attended the pre-bid meeting. Please contact Mr. Kevin Rollins of the Town of Glastonbury Engineering Division at (860) 652-7738 to arrange for a meeting time.

IMPORTANT:

Failure to comply with general rules may result in disqualification of the Bidder.

**For technical questions regarding this Bid, please contact:
Stephen M. Braun, Assistant Town Engineer, at (860) 652-7743.**

**For administrative questions regarding this Bid, please contact:
Mary F. Visone, Purchasing Agent, at (860) 652-7589.**

01.00 WORKMANSHIP, MATERIALS AND EMPLOYEES

- 01.01 Wherever in this contract the word "Engineer" is used, it shall be understood as referring to the Town Engineer/Manager of Physical Services of the Town of Glastonbury acting personally or through any assistants, duly authorized.
- 01.02 The entire work described herein shall be completed in accordance with the plans and specifications to the full intent and meaning of the same. Unless otherwise specified, all materials incorporated in the permanent work shall be new, and both workmanship and material shall be of good quality. The Contractor shall, if required, furnish satisfactory evidence as to the kind and quality of materials.
- 01.03 The wording "furnish", "install", "construct", "furnish and install", or any similar terms, unless specifically noted to the contrary, shall include all labor, materials, water, tools, equipment, light, power, transportation, and any other services required for the completion of the work.
- 01.04 The Contractor shall at all times enforce strict discipline and good order among his employees, and shall seek to avoid employing on the work any unfit person or anyone not skilled in the work assigned to him.

02.00 SUPERINTENDENT

- 02.01 The Contractor shall keep on the work during its progress, in the absence of the Contractor, a competent Superintendent. The Superintendent shall be acceptable to the Engineer and shall fully represent the Contractor. All directions given to the Superintendent shall be binding as if given to the Contractor.

03.00 PRECONSTRUCTION MEETING

- 03.01 A Preconstruction Meeting will be held with the Engineer, Contractor, and any private utility company prior to commencing any work. The Engineer shall arrange the meeting based on a mutually convenient time.

04.00 PERMITS

- 04.01 All permits, licenses, and fees required for the performance of the Contract work shall be secured and paid for by the Contractor in advance of any work taking place.

05.00 PROPERTY ACCESS

- 05.01 The Contractor shall take all proper precautions to protect from injury or unnecessary interference, and provide proper means of access to abutting property where the existing access is cut off by the Contractor.
- 05.02 The Contractor shall take all proper precautions to protect persons from injury or unnecessary inconvenience and leave an unobstructed way along the public and private places for travelers, vehicles, and access to hydrants.

05.03 The Contractor shall make arrangements with the adjacent property owners for such trespass as he may reasonably anticipate in the performance of the work. All such arrangements shall be reported, in writing, to the Engineer.

06.00 PROTECTION OF THE PUBLIC AND OF WORK AND PROPERTY

06.01 The Contractor shall continuously maintain adequate protection of all work from damage, and shall take all reasonable precautions to protect the Town from injury or loss arising in connection with the Contract.

06.02 The Contractor shall adequately protect adjacent private and public property as provided by law and the Contract Documents.

06.03 The Contractor shall make good any damage, injury, or loss of his work and to the property of the Town resulting from lack of reasonable protective precautions.

07.00 EXISTING IMPROVEMENTS

07.01 The Contractor shall conduct his work so as to minimize damage to existing improvements designated to remain. Except where specifically stated otherwise in the specifications, drawings, or as directed by the Engineer, it will be the responsibility of the Contractor to restore to their original condition, as near as practical, all improvements on public or private property. This shall include:

- a. Property within and adjacent to the work area such as shrubs, walks, driveways, fences, etc.
- b. Utility mains, ducts, poles, and services. The Contractor is hereby notified that utilities, if/where shown on the plans, are at approximate locations. These locations are subject to possible errors in the source of information and errors in transcription. The Contractor shall make certain of the exact location of all mains, ducts, poles, and services prior to excavation.

08.00 SEPARATE CONTRACTS

08.01 The Engineer reserves the right to let other contracts in connection with this work. The Contractor shall afford other contractors reasonable opportunity for the introduction and storage of their materials and the execution of their work, and shall properly connect and coordinate his work with theirs. Wherever work being done by the Town of Glastonbury forces or by other contractors is contiguous to work covered by this Contract, the respective rights of the various interests involved shall be established by the Engineer to secure the completion of the various portions of the work.

09.00 INSPECTION OF WORK

09.01 The Town shall provide sufficient personnel for the inspection of the work.

09.02 The Engineer shall at all times have access to the work whenever it is in preparation or progress, and the Contractor shall provide proper facilities for such access and for inspection.

09.03 If the specifications or the Engineer's instructions require any work to be specially tested or approved, the Contractor shall give the Engineer timely notice of its readiness for inspection and, if the inspection is by another authority other than the Engineer, of the date fixed for such inspection. Inspections by the Engineer shall be made promptly. If any work should be covered up without approval or consent of the Engineer, it must, if required by the Engineer, be uncovered for examination and properly restored at the Contractor's expense.

09.04 Re-inspection of any work may be ordered by the Engineer. If such work is found to be in accordance with the Contract Documents, the Town shall pay the cost of re-inspection and replacement. If such work is not in accordance with the Contract Documents, the Contractor shall pay such cost.

10.00 RIGHT TO INCREASE OR DECREASE WORK

10.01 The Town shall have the right to increase or decrease the amount of work herein specified as may be required.

11.00 RIGHT OF ENGINEER TO STOP WORK FOR WEATHER CONDITIONS

11.01 Should the work, in the opinion of the Engineer, be in danger by reason of inclemency of weather, or could not be finished in time to prevent such danger, the Contractor shall cease operations upon order of the Engineer, and shall not resume them until ordered to do so by the Engineer when the weather conditions are favorable. The Contractor shall, upon such orders, discontinue work, remove all materials or appliances for or in use upon the work, and place the streets in proper condition for use by the public during the time the work is suspended as herein provided, without cost to the Town.

12.00 CONTRACTOR TO BE RESPONSIBLE FOR IMPERFECT WORK OR MATERIALS

12.01 Any faithful work or imperfect material that may be discovered before the acceptance and the payment of the work shall be corrected upon the order of the Engineer. The acceptance and payment of the work does not in any manner relieve the Contractor of his obligation to construct work in the proper manner and the use of materials herein specified.

13.00 TOWN MAY NOTIFY CONTRACTOR IF WORK IS NOT CARRIED ON SATISFACTORILY

13.01 If, in the opinion of the Engineer, the Contractor is not proceeding with the work at a sufficient rate of progress so as to finish in the time specified, or has abandoned said work, or is not complying with the terms and stipulations or the Contract and specifications, the Engineer may serve notice on the Contractor to adopt such methods as will ensure the completion of the work in the time specified.

13.02 If, within five days after the Engineer has notified the Contractor that his work is not being carried on satisfactorily as before mentioned, the Engineer shall have the right to annul the Contract and manage the work under the direction of the Engineer, or re-let, for the very best interest of the Town as a new contract, the work under said new Contract shall be considered the responsibility of the defaulting Contractor.

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AT VARIOUS SITES
GENERAL CONSTRUCTION SPECIFICATIONS**

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13.03 Additional costs incurred over and above the original Contract shall be borne by the Performance Bond.

14.00 DEDUCTIONS FOR UNCORRECTED WORK

14.01 If the Engineer deems it inexpedient to correct work that has been damaged or that was not done in accordance with the Contract, an equitable deduction from the Contract price shall be made there for.

14.02 The Contractor shall promptly remove from the premises all materials condemned by the Engineer as failing to meet Contract requirements, whether incorporated in the work or not, and the Contractor shall promptly replace and re-execute his own work in accordance with the Contract and without expense to the Town, and shall bear the expense of making good all work by other contractors destroyed or damaged by such removal or replacement.

14.03 If the Contractor does not remove such condemned work and materials as promptly as possible after written notice, the Engineer may remove them and store the materials at the expense of the Contractor.

15.00 CLEANING UP

15.01 The Contractor must remove all debris of every description as the work progresses and leave the surroundings in a neat and orderly condition to the satisfaction of the Engineer.

15.02 Upon completion, and before acceptance and final payment, the Contractor shall remove from the site all equipment, forms, surplus material, rubbish and miscellaneous debris and leave the site in a neat and presentable condition.

16.00 ROYALTIES AND PATENTS

16.01 The Contractor shall pay all royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and shall save the Town of Glastonbury harmless from loss on account thereof, except that the Town of Glastonbury shall be responsible for all such loss when a particular manufacturer, product, or process is specified by the Town of Glastonbury.

01.00 NOTICE TO CONTRACTOR

01.01 Intent of Contract: The intent of the Contract is to prescribe a complete work or improvement which the Contractor undertakes to do, in full compliance with the specifications, plans, special provisions, proposal and Contract. The contractor shall perform all work in close conformity with the plans or as modified by written orders, including the furnishing of all materials, supplies, transportation, labor, and all other things necessary to the satisfactory prosecution and completion of the project.

The building to be demolished and have asbestos removed is located on property owned by the Town of Glastonbury at 210 Griswold Street. The remains of a second building destroyed by fire located at 131 Addison Road will have asbestos removed under this contract, and will be demolished by the Town in the future. The Contractor shall exercise every care in every phase of the work to ensure the safety and well being of persons and property at both locations.

02.00 COMMUNICATIONS

02.01 All notices, demands, requests, instructions, approvals, proposals, and claims must be in writing.

02.02 Any notice to, or demand upon, the Contractor shall be sufficiently given if delivered at the office of the Contractor stated on the signature page of the Agreement (or at such other office as the Contractor may, from time to time, designate) in a sealed, postage-prepaid envelope or delivered with charges prepaid to any telegraph company for transmission, in each case addressed to such office.

02.03 All papers required to be delivered to the Town shall, unless otherwise specified in writing to the Contractor, be delivered to the Town Engineer/Manager of Physical Services, 2155 Main Street, Glastonbury, CT 06033, and any notice to, or demand upon, the Town shall be delivered at the above address in a sealed, postage-prepaid envelope or delivered with charges prepaid to any telegraph company for transmission, in each case addressed to such office or to such other representatives of the Town, or to such other address as the Town may subsequently specify in writing to the Contractor for such purpose.

02.04 Any such notice shall be deemed to have been given as of the time of actual delivery or, in case of mailing, when the same should have been received in due course of post or, in the case of telegrams, at the time of actual receipt, as the case may be.

03.00 INSURANCE

03.01 The Bidder shall, at its own expense and cost, obtain and keep in force during the entire duration of the Project or Work the following insurance coverage covering the Bidder and all of its agents, employees and sub-contractors and other providers of services and shall name the **Town its employees and agents as an Additional Insured** on a primary and non-contributory basis to the Bidders Commercial General Liability and Automobile Liability policies. **These requirements shall be clearly stated in the remarks section on the Bidders Certificate of Insurance.** Insurance shall be written with Carriers approved in the State of Connecticut and with a minimum Best's Rating of A-. In addition, all Carriers are subject to approval by the Town. Minimum Limits and requirements are stated below:

1. Worker's Compensation Insurance:
 - Statutory Coverage
 - Employer's Liability
 - \$100,000 each accident/\$500,000 disease-policy limit/\$100,000 disease each employee

2. Commercial General Liability:
 - Including Premises and Operations, Products and Completed Operations, Personal and Advertising Injury, Contractual Liability and Independent Contractors

 - Limits of Liability for Bodily Injury and Property Damage
Each Occurrence: \$1,000,000
Aggregate: \$2,000,000
(The Aggregate Limit shall apply separately to each job.)

 - A Waiver of Subrogation shall be provided.

3. Automobile Insurance:
 - Including all owned, hired, borrowed, and non-owned vehicles

 - Limit of Liability for Bodily Injury and Property Damage:
Per Accident: \$1,000,000

4. Asbestos General Liability Insurance:
 - Limit of Liability of \$1,000,000

03.02 The Bidder shall direct its Insurer to provide a Certificate of Insurance to the Town before any work is performed. The Certificate shall specify that the Town shall receive 30 days advance written notice of cancellation or non-renewal. The Certificate shall evidence all required coverage including the Additional Insured and Waiver of Subrogation. The Bidder shall provide the Town copies of any such policies upon request.

03.03 INDEMNIFICATION: To the fullest extent permitted by law, the Bidder shall indemnify and hold harmless the Town and its consultants, agents, and employees from and against all claims, damages, losses and expenses, direct, indirect or consequential (including but not limited to fees and charges of engineers, attorneys and other professionals and court and arbitration costs) arising out of or resulting from the performance of the Bidder's work, provided that such claim, damage, loss or expense is caused in whole or in part by any negligent act or omission by the Bidder, or breach of its obligations herein or by any person or organization directly or indirectly employed or engaged by the Bidder to perform or furnish either of the services, or anyone for whose acts the Bidder may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

04.00 WORK BY OTHERS

04.01 Private utilities, contractors, developers or other parties may be expected to be working within the Contract area during this Contract. It shall be the responsibility of the Contractor to coordinate his work with the work being done by others in order that the construction shall proceed in an efficient and logical manner. The Contractor shall have no claim or claims whatever against the Town, the Engineer, or other parties due to delays or other reasons caused by the work by others or his failure to coordinate such work.

05.00 CONTRACTOR'S WORK AND STORAGE AREA

05.01 The Contractor shall contact the Town to determine if any specific locations will be designated, or gain its approval prior to using any area for storage of equipment, materials and trailers during the period of this Contract. The Contractor shall confine his work/storage area to the limits as designated or approved and shall be responsible for the security of the work/storage area. Upon completion of the Contract, the Contractor shall remove all equipment and materials, except as otherwise specified, and restore the site to its original condition as approved by the Engineer and at not cost to the Town.

06.00 DISPOSAL AREA

06.01 The Tryon Street Bulky Waste Facility will be available to the Contractor, at no charge, for disposal of materials that are accepted at that facility. **No materials containing lead-based paint of any level shall be dumped at the Tryon Street facility.** The Contractor is required to obtain a disposal area for all other unsuitable or surplus materials at no cost to the Town.

07.00 DUST CONTROL

07.01 The Contractor shall, at no cost to the Town, secure a water source for spraying down demolition material. During the progress of the work, the Contractor shall conduct his operations and maintain the area of his activities so as to minimize the creation and dispersion of dust. If the Engineer decides that it is necessary to use calcium chloride for more effective dust control, the Contractor shall furnish and spread the material, as directed, without additional compensation.

8.00 PROTECTION OF EXISTING UTILITIES

8.01 Before starting any excavation, the Contractor shall submit to the Engineer plans or details showing the proposed method the Contractor will use to support and protect all existing utilities during construction. The furnishing of such plans and details shall not serve to relieve the Contractor of any responsibility for the proper conduct of the work.

8.02 There will be no extra payment for submitting plans or details for supporting and protecting all existing utilities during construction.

9.00 TIME FOR COMPLETION/NOTICE TO PROCEED

- 9.01 Within ten (10) calendar days after the date of the Notice of Award, the Contractor must provide the appropriate bond and insurance certificates to the Town Purchasing Agent and shall be issued a Notice to Proceed and a Purchase Order prior to initiating any physical work on the project.
- 9.02 Asbestos abatement work shall commence within fourteen (14) days of the date of the Notice to Proceed / Purchase Order. After the asbestos abatement work has begun, it shall continue in an orderly fashion and shall be fully completed within twenty-one (21) consecutive calendar days from the date of commencement.
- 9.03 Demolition work at 210 Griswold Street shall commence immediately following the completion of asbestos abatement work at this site, and shall continue in an orderly fashion such that it is fully completed within thirty (30) consecutive calendar days from the date of commencement.
- 9.04 The Engineer reserves the right to extend the contract an additional thirty (30) days by mutual written agreement.

10.00 MEASUREMENT AND PAYMENT

All direct, indirect, or incidental costs of work and/or services required by these specifications shall be included in the Lump Sum prices as contained in the Bid Proposal.

11.00 HAZARDOUS MATERIALS SURVEY REPORT

A Pre-Demolition Asbestos Containing Materials and Lead Inspection was prepared for both 210 Griswold Street and 131 Addison Road on behalf of the Town of Glastonbury by Triton Environmental, Inc. which is included as Attachment A to these specifications. The Bidder is hereby alerted to the "Limitations" section Page 3 of the report.

12.00 TOXIC CHARACTERISTIC LEACHATE PROCEDURE (TCLP) REPORT

Toxic Characteristic Leachate Procedure (TCLP) report was performed for the Town of Glastonbury by Triton Environmental, LLC relative to the building demolition at 210 Griswold Street, which is included in Attachment A. TCLP testing for this site determined that the waste generated by the demolition of the buildings will not contain toxic levels of lead. Therefore, this waste may be treated as non-hazardous with respect to lead and may be disposed of as normal construction debris. Note that as described in Section 06.01, materials containing any amount of lead may not be disposed of at the Town Bulky Waste Facility

13.00 LEAD BASED PAINT

Exposure levels of lead in the construction industry are regulated by 29 CFR 1926.62. Construction activities disturbing surfaces with lead-containing paint which are likely to be employed, such as sanding, grinding, welding, cutting and burning, have been known to expose workers to levels of lead in excess of the Permissible Exposure Limit (PEL). Conduct demolition and removal work specified in the technical sections of this

specification in conformance with these regulations. In addition, construction debris/waste may be classified as hazardous waste. Disposal of hazardous waste material shall be in accordance with 40 CFR Parts 260 through 271 and Connecticut Hazardous Waste Management Regulations Section 22a-209-1; 22a-209-8(c); 22a-449(c)-11 and 22a-449(c)-100 through 110.

Testing for lead-based paint has been conducted at the facility scheduled for demolition. Under no circumstance shall this information be the sole means used by the Contractor for determining the extent of LBP. The Contractor shall be responsible for verification of all field conditions affecting performance of the work and disposal of demolition materials.

14.00 COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS

This award of bid is subject to the conformance of the Contractor to all Federal, State, and Local laws, statutes, regulations, ordinances or other requirements that are applicable to the type of work contained in these specifications.

15.00 MAINTENANCE / GUARANTEE PERIOD

The Contractor shall be held responsible to the Town for maintenance for a minimum of one year following completion of all work under this Contract with respect to defects, settlements, etc.

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003.0 BUILDING DEMOLITION

003.1 Project or Demolition Area: The structure to be demolished is located on Town property known as 210 Griswold Street, as shown on the site plan.

003.2 Scope of Work: In general, the work consists of the demolition and disposal of materials from all buildings, garages, steps, foundation walls or other structures, and their appurtenances within the demolition areas as shown on the drawings or as specified. Included in the work will be the pulverization (through the use of a machine-mounted rock hammer or approved method) of foundation walls, floors, steps, rubble walls and their appurtenances in order to be utilized for on-site fill. The site shall be filled and compacted to elevations shown on the plan and as staked in the field by the Town. It shall also include all other items of demolition, disposal, site clearing, tree removal, tree protection, site restoration, and any and all work reasonably inferred as needed to make work under this specification complete.

003.3 Approval of Work: All work to be performed under his contact shall at all times be subject to the approval of, and be performed to the satisfaction of, the Engineer or his authorized representative, and his judgment in all matters shall be final.

003.4 Site Conditions: The Contractor shall visit the site and shall be fully informed of the type and condition of the structures to be demolished, the items to be salvaged, and the conditions, including adjacent buildings, relating to the work. The Engineer shall not be held responsible for any conflicts between the specifications and actual field conditions.

No person shall demolish any building or structure without causing to be erected and maintained, for the duration of the demolition operations, a high visibility construction fence or barricade. Each such fence or barricade shall be adequate for safety; shall not be less than four (4) feet high and shall extend along the street line, and adjacent public driveway, for the entire length of the work area, and in such other locations as ordered by the Engineer. Temporary openings shall be provided as may be necessary for the proper prosecution of the work. The Engineer may waive the requirements as he deems necessary.

003.5 Permits: Permits that the Contractor shall be required to obtain shall include, but not necessarily be limited to, the following:

- a. Town of Glastonbury Building Department - Demolition permit.
- b. Town of Glastonbury Public Works - Use of Bulky Waste Disposal Site.

The Contractor shall obtain, at no expense to the Town, all permits and licenses, and give all notices necessary and due in connection with the lawful execution of the work. The Contractor shall submit proof of having obtained the above, and any other necessary permits. The Town will waive the typical fees associated with the Demolition Permit and the Bulky Waste Disposal Permit.

003.6 Release of Buildings: The structure to be demolished will be released to the Contractor by written notification, singularly or in a group, at the discretion of the Engineer. Upon receipt of the notification, the Contractor shall advise the Engineer of the date work is anticipated to begin.

003.7 Rodent, Vermin and Pest Control: The Town shall provide a licensed exterminator to certify that the premises are free from rodent infestation as required to obtain the building

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permit upon initiation of the contract. Upon written notification of the release of the buildings to the Contractor by the Town, the Contractor shall be responsible for maintaining the buildings, structures, and site free from rodents, vermin, and pests during the period of demolition and site clearance. Should the Contractor fail to maintain such level of extermination, he will be required to provide the necessary extermination service at no cost to the Town.

003.8 Responsibilities of the Contractor: Except as otherwise specifically stated in these specifications, the Contractor shall provide and pay for all materials, labor, tools, equipment, water, light, heat, power, transportation, superintendent, portable toilets, temporary construction of every nature, charges, levies, fees or other expenses incurred, and all other services of the contract.

003.9 Enforcement of Measures for the Protection of the Public and the Workmen: Should the Engineer notify the Contractor of any failure to comply with the provisions relating to safety, the Contractor shall proceed immediately to comply with the instructions of the Engineer. The Engineer shall have full power to correct the condition. All expenses incurred shall be chargeable to the Contractor. The above in no way relieves the Contractor from liability for his work in that the responsibility for safety rests solely with the Contractor.

The Contractor is, at all times, solely responsible for direct supervision of all his employees and subcontractors and for all act of negligence of such employees and subcontractors.

003.10 Barricades: The Contractor shall provide, along every sidewalk or thoroughfare bordering demolition operations, a substantial barricade to prevent unauthorized persons from entering the site of such operations. The barricade shall consist of a temporary chain-link fence or other measures approved by the Engineer. The installation of said barricades shall be approved by the Engineer prior to the commencement of any demolition activities.

003.11 Signs: Warning signs, where deemed appropriate by the Engineer and as required by applicable codes, shall be installed as directed to deter unauthorized access to the site. No other signs, other than those required by law or by these specifications, shall be permitted.

003.12 Site Storage: The Contractor and his subcontractors may maintain storage facilities on the site as are necessary for the work. These shall be located so as to cause no interference with any other work to be performed to the site. The Engineer shall approve all locations. Upon completion of the demolition and associated work, or as directed by the Engineer, the Contractor shall remove all such temporary facilities from the site and leave the premises in the condition required by these specifications.

003.13 Work by Others: The Town shall coordinate the removal of all utility connections to the structures. All costs associated with the disconnection and removal of utility services shall be paid by the Town directly to the applicable utility.

Any work to be performed by utility companies and required by the Contractor in the performance of the work shall be arranged for and paid for by the Contractor.

003.14 Salvage: The Town reserves the right to remove any part or parts of any of the buildings prior to the buildings release to the Contractor. If the Contractor has considered the salvage of any other part of the buildings as a part of any contract unit price, this

**BUILDING DEMOLITION AND ASBESTOS REMOVAL
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consideration must be noted, as an exception, in the Bid Proposal. If not so noted, the unit price shall be assumed to be the unit price without consideration for salvage value.

003.15 Contract Documents and Drawings: The Engineer will furnish the Contractor, without charge, three (3) copies of the Contract Documents. Additional copies requested by the Contractor will be furnished at the applicable cost schedule.

003.16 Trespassing: The Contractor's attention is brought to the fact that no person not on the Contractor's, or approved subcontractor's, payroll may be allowed on the site or engage in work covered by these specifications. Such persons will be considered to be "trespassing" unless their presence has been approved by the Engineer.

003.17 Tree Protection: The Contractor shall install high visibility construction fence at the drip line of the tree canopy to protect existing trees and shrubs designated to remain from damage during construction. This shall apply to all trees that are within the work area but are not designated for removal as part of the contract. **Prior to mobilization, a meeting shall be held on the site with the Town Tree Warden (Mr. Gregory Foran of the Parks and Recreation Department, (860) 652-7686) and the Engineer to review the Contractor's proposed operations and to designate trees that will require protection, and any additional trees and shrubs that require removal or trimming.**

003.18 Tree Trimming / Removal: Trees, shrubs, and other vegetation within the work area(s) shall be removed and disposed of as necessary for proper execution of the contract work. All trees and shrubs in the work area that have been posted for removal by the Tree Warden shall be removed as part of this contract, as well as any other vegetation that is necessary for proper execution of the work.

The Contractor shall identify any additional trees, shrubs, and plants that must be removed for proper execution of the contract during the on-site pre-construction meeting. Any additional trees and shrubs designated for removal must be posted as such by the Glastonbury Tree Warden for a period of ten (10) days prior to removal.

All tree stumps and roots larger than two inches in diameter shall be removed to a minimum depth of 12-inches below the finish grade surface. All excavations made below the finished surface by the removal of trees, stumps, etc. shall be filled with suitable material and thoroughly compacted in such manner that its surface will conform to the surrounding surface.

Where trees or tree roots are to be trimmed, cut or removed, such work shall be performed by a Connecticut Licensed Arborist, to avoid damage to remaining parts of these or other trees, or to bushes, ornamentation, overhead wires, structures, etc. All debris from such cutting and removal will be cleaned up.

003.19 Removal of Tanks: The Contractor shall pump all tanks dry of their contents prior to the demolition of buildings and structures. The Contractor shall locate, excavate, and dispose of all tanks and connected piping in a safe and workmanlike manner and in accordance with the applicable regulations. Openings in the ground shall be backfilled and compacted immediately following removal of the tank. To the Town's knowledge no tanks exist other than those specifically mentioned within these specifications. If additional tanks are discovered during the execution of the work, the Contractor shall immediately notify the Engineer.

003.20 Adjacent Buildings and Structures: The Contractor shall examine the foundations and walls of all buildings, structures, streets, and sidewalks adjacent to the demolition work

and shall take the necessary precautions to guard against their movement or settlement (provide sheet piling, shoring, bracing, or other support necessary for the safety, support, and stability of such buildings, structures, streets, and sidewalks). The Contractor will be liable for any movement, settlement, damage, or injury to adjacent buildings, structures, streets, or sidewalks resulting from the demolition.

Where a building to be demolished abuts excluded or occupied buildings, the dividing or party wall supporting the building shall be stripped clean, exposing masonry on the demolition side. Cavities in the masonry resulting from the demolition of floor joists or structural beams shall be filled with cement mortar and the surface troweled to a neat finish.

If, in the opinion of the Engineer or Contractor, the safety of any adjacent building or structure appears to be questionable, the Contractor shall cease operation and shall take the necessary measures to support the endangered building or structure. The demolition work shall not resume until written authority to do so is granted by the Engineer.

003.21 Extent of Demolition: The Contractor shall demolish all buildings, garages, sheds, and all miscellaneous structures, including the basement, foundations, footings, and all other underground structures located on the parcel. The Contractor shall remove completely all fences, clotheslines, light posts, flagpoles, shrubbery, hedges, stumps, and trees, as directed.

All demolition work shall be done on the premises. The Contractor shall provide the water, electricity, and sanitary facilities (including portable toilets) necessary for his work.

The basement floor shall be completely broken up sufficiently to prevent the collection of water and, before backfilling, shall be inspected by the Engineer.

003.22 Mechanical Methods of Demolition: The use of a clamshell bucket, power shovel, bulldozer, or other mechanical contrivance for the purpose of demolition shall be permitted.

003.23 Explosives: The use of any explosives will not be permitted.

003.24 Backfilling: The Town will provide acceptable fill material from the Bulky Waste Site and load it. The Contractor will be responsible for furnishing the trucks and hauling, placing, and compacting of material at the demolition site as required to reach the required grades. The Contractor shall not be permitted to excavate earth from the site for the purpose of backfilling unless directed by the Engineer.

The Town will require 48 hours written notice to gain entry to the Bulky Waste Site. The Contractor's hours for removing fill shall be limited to the approved hours of operation of the Bulky Waste facility.

Prior to the placing of fill, the site shall be inspected in its entirety by the Engineer. Such excavation must be free of all debris or materials resulting from the demolition of the structure. Backfilling shall proceed only upon approval of the Engineer.

The Contractor shall backfill all basements immediately after approval by the Engineer. If backfilling cannot be accomplished immediately, the Contractor shall take the necessary measures to maintain a safe condition around the excavation.

After all excavation has been completed, fill material shall be deposited in layers not exceeding eight (8) inches in depth over the areas. In exceptional cases, the Engineer may permit the first layer to be thicker than eight (8) inches. Each layer shall be leveled off by the use of blade graders or bulldozers with adequate power for the work involved.

The entire area of each layer shall be compacted, to the satisfaction of the Engineer, by use of vibratory, pneumatic tired or tread type compaction equipment. No subsequent layer shall be deposited until acceptable compaction is achieved for the previous layer. If necessary to obtain the required compaction, water shall be added and gentle puddling performed, if authorized by the Engineer.

- 003.25 Site Restoration: The Contractor shall grade the area disturbed by the work to remove all evidence of former buildings and structures. The area shall be sloped so that no part holds water and areas over cellars shall be mounded with 12 inches of acceptable fill to compensate for subsequent settling. The Contractor shall provide and install a minimum of four (4) inch layer of screened loam over the approved backfill material and on any disturbed areas. All disturbed areas shall be loamed, seeded with an approved seed mix, fertilized, and mulched prior to acceptance of the work.

The Contractor shall be responsible for the protection and preservation of all municipal and public utilities traversing the project site, trees and other vegetation, and devices serving buildings not released for demolition, and shall pay all cost of repair or restoration in the event of damage caused by his work.

The Contractor shall not remove barricades until approval to do so is granted by the Engineer.

- 003.26 Dust Control: The Contractor shall water down buildings and structures sufficiently to prevent the spread of dust during the period of demolition. If watering down proves to be insufficient to control the dust, the Contractor shall furnish and apply calcium chloride to the site in sufficient amounts for proper dust control. The Contractor shall provide, at his expense, the necessary water and all equipment needed for the dust control operations. The Contractor shall provide protective masks for workmen where watering is not practical for dust control during demolition.

- 003.27 Disposal of Debris: The Contractor may use, at no charge, the Bulky Waste Site on Tryon Street for the disposal of all materials that conform to the regulations governing the operation of the facility. **No materials containing lead-based paint, of any level, shall be dumped at the Tryon Street facility.** The Contractor is responsible for confirming the types of demolition acceptable and for locating an alternate source of disposal for any materials not acceptable at the Bulky Waste facility. The Town shall waive all fees at the Bulky Waste site. The Contractor shall be responsible for any other fees or charges associated with an alternate disposal site.

The Contractor shall remove all demolition materials from the site within two (2) days after demolition.

- 003.28 Burning of Debris: Burning of combustible materials is not allowed.

- 003.29 Clean Up: The Contractor shall, at the completion of his work, remove all rubbish, scrap metal, junk, and debris resulting from the work of demolition. No materials or equipment may be stored on the site. The site shall be left in a safe and clean condition.

**BUILDING DEMOLITION AND ASBESTOS REMOVAL
AT VARIOUS SITES
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003.30 Payment: This work shall be paid for under the lump sum price for "Building Demolition – 210 Griswold Street" as listed in the bid proposal. Said price shall include all labor, equipment, materials, as required for a complete demolition project as described in this specification, including all incidentals thereto.

**BUILDING DEMOLITION AND ASBESTOS REMOVAL
AT VARIOUS SITES
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004.0 ASBESTOS REMOVAL

004.1 General: The asbestos work under this contract calls for a Connecticut licensed and insured asbestos contractor to perform the removal of asbestos at both 210 Griswold Street and 131 Addison Road and dispose of these materials at a facility permitted to handle this type of waste. All state notifications and building permits and any other applicable permits or licenses must be obtained before abatement.

004.2 Independent Industrial Hygienist: The Contractor shall retain the services of an Independent Industrial Hygienist to oversee all work related to the removal and disposition of asbestos. The Contractor shall make direct payment for all such services, which shall be included in the contract unit price for this work. The selection of the Independent Industrial Hygienist shall be subject to the approval of the Engineer. No abatement work shall commence until all appropriate submittals have been received from the Independent Industrial Hygienist and the Engineer has authorized the work to proceed.

004.3 Description of Work: This work includes removal and disposal of asbestos containing materials from the buildings located at 210 Griswold Street and 131 Addison Road as described on pages 2 and 3 of Attachment A, which is reproduced below for the convenience of the bidder, exclusive of Sample Identifications.

Location	Material Type	% Asbestos	Approx. Quantity
210 GRISWOLD STRET			
1 ST Floor Kitchen	Linoleum Flooring (2 nd Layer)*	10% Chrysotile	350 square feet
Basement-throughout	Pipe Elbow Fittings (TSI)	20% Chrysotile	16 fittings
Basement-throughout	Air Cell Pipe Insulation (TSI)	20% Chrysotile	125 linear feet
Basement at Boiler	Flue Cement on Brick	10% Chrysotile	3 square feet
131 ADDISON ROAD			
Basement throughout	9"x9" grey floor tile	8% Chrysotile	1,800 square feet
Basement throughout	Black mastic associated with floor tile	5% Chrysotile	1,800 square feet
Basement throughout	Air cell pipe insulation	10% Chrysotile	30 linear feet

* Ceramic tile sits atop these materials as the first layer and can be disposed of as non-ACM. The non-ACM black paper underneath the linoleum flooring should be disposed of as ACM since there is no way to segregate these materials.

Attachment A includes a complete description of materials which were determined to be Non-ACM.

004.4 Utility Coordination: The Contractor shall provide all water, electrical or other utility required for the work.

004.5 Remote Decontamination System: The Contractor shall establish a remote decontamination enclosure consisting of dirty room and shower. Access between rooms in the decontamination enclosure shall be through double flap curtained openings. The remote decontamination chamber must remain operable throughout the entire project.

004.6 Sequence of Siding Removal Work:

- a. Prior to the Contractor performing any open siding abatement, the Contractor shall construct a test containment to establish worker exposure. Where feasible, the test containment shall incorporate a minimum of ten (10) foot by five (5) foot of siding. All walls and ceilings shall be constructed out of a single layer of six (6) mil polyethylene sheeting secured with spray adhesive and tape. The test containment shall be secured to the siding substrate where feasible.
- b. All work involved with the removal, cutting, scraping, or final cleaning of the siding shall be performed within the containment.
- c. All non-friable abated siding material shall be transported from the building to the disposal container in a manner which will not release visible emission.
- d. Open siding abatement shall not be allowed to commence until air sample results are received by the on-site air sampling professional. All results from samples collected on workers performing the abatement inside containment must be below the OSHA PEL of 0.1 fibers/cc of air for asbestos exposure for work to proceed without containment. Upon review and acceptance of satisfactory air monitoring results by the air sampling professional, work may proceed without containment. If any time the OSHA PEL for asbestos exposure is exceeded, the Contractor shall mandate respiratory protection and protective clothing until safe airborne levels are needed. If at any time during abatement visible omissions are noted, the Contractor's abatement method will be subject to review by the on-site air sampling professional.

004.7 Siding Removal Requirements:

- a. The Contractor shall have a designated "competent person" on the job at all times to ensure establishment of a proper enclosure system and proper work practices throughout the project. The competent person shall be trained in the provisions of the NESHAPS regulations.
- b. Abatement work will not commence until authorized by the Independent Industrial Hygienist.
- c. Spray siding materials with amended water or apply approved removal wetting agent to reduce the release of fibers during cutting and removal operation. The Independent Industrial Hygienist will pre-approve use of amended water as the wetting agent.
- d. Material shall not be dropped from heights exceeding 15 feet without using an inclined enclosed dust-proof chute to facilitate transport of material to container. If an enclosed dumpster is used in conjunction with a "bladder bag liner", the contractor shall continuously inspect the dumpster and chute to ensure the integrity of the system.
- e. After completion of stripping work, all surfaces from which asbestos has been removed shall be wet brushed, using a nylon brush, wet wiped and sponged or cleaned by an equivalent method to remove all visible material (wire brushes are not permitted). During this work, the surfaces being cleaned shall be kept wet.

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AT VARIOUS SITES
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- f. At any time during asbestos removal, should the Independent Industrial Hygienist suspect contamination of areas outside the work area(s), all abatement work shall stop until the Contractor takes steps to decontaminate those areas and shall be prohibited from entering suspected contaminated areas until air sampling and visual inspection certify decontamination.
- g. The Independent Industrial Hygienist shall then conduct a final visual inspection of the work area. If residual debris is identified during the course of the final inspection, the Contractor shall comply with the request of the Independent Industrial Hygienist in order to render the area clean of all residual ACM.

004.8 Reporting: A copy of the final visual inspection reports prepared by the Industrial Hygienist to document the successful completion of abatement work shall be provided to the Town prior to proceeding with any demolition work. Site logs and any other OSHA required documentation shall also be provided to the Town for review and approval.

004.9 Asbestos Waste Manifests: Asbestos waste manifests must be received by the Town of Glastonbury prior to processing any payment for this work. The most stringent of all Local, State and Federal laws governing asbestos abatement and disposal shall be adhered to by the asbestos contractor.

004.10 Payment: This work shall be paid for on a lump sum basis as indicated in the bid proposal under the pay items for "Removal of Asbestos – 210 Griswold Street" and "Removal of Asbestos – 131 Addison Road". Said lump sum prices shall include all work as required for removal and disposal of all asbestos containing materials as described in this specification and as required for compliance with all appropriate Federal, State, and Local regulations, including all labor, equipment, materials, and incidentals thereto.

**BUILDING DEMOLITION AND ASBESTOS REMOVAL
AT VARIOUS SITES
BID PROPOSAL**

BID #GL-2009-32

Proposal of _____
(hereinafter called "Respondent"), organized and existing under the laws of the State of _____,
doing business as _____
_____.

To the Town of Glastonbury (hereinafter called "Town").

In compliance with your Invitation to Bid, the Respondent hereby proposes to furnish materials and/or services as per Bid Number GL-2009-32 in strict accordance with the Bid Documents, within the time set forth therein, and at the prices stated below.

By submission of this bid, the Respondent certifies, and in the case of a joint bid, each party thereto certifies as to their own organization that this bid has been arrived at independently without consultation, communication, or agreement as to any matter relating to this bid with any other Respondent or with any competitor.

The Respondent acknowledges receipt of the following Addendum:

Addendum #1 _____

Addendum #2 _____

Addendum #3 _____

**BUILDING DEMOLITION AND ASBESTOS REMOVAL
AT VARIOUS SITES
BID PROPOSAL**

BID #GL-2009-32

TOWN OF GLASTONBURY

**BID / PROPOSAL
DATE ADVERTISED**

2-20-2009

**GL #
DATE / TIME DUE**

**GL-2009-32
3-5-2009 at
11:00 AM**

NAME OF PROJECT

Building Demolition and Asbestos Removal At Various Sites

It is the responsibility of the Respondent to clearly mark the outside of the bid envelope with the Bid Number, Date and Time of Bid Opening.

The Bidder is directed to insert the words "NO BID" for any item of the Bid proposal that contains work that the Bidder does not wish to perform.

Item No.	Description	Qty.	Base Bid Amount
-----------------	--------------------	-------------	------------------------

1.	Building Demolition – 210 Griswold Street As per specification Section 003.0	1 L.S.	\$_____/L.S.
----	--	--------	--------------

Written Amount: \$_____

2.	Asbestos Removal - 210 Griswold Street As per specification Section 004.0	1 L.S.	\$_____/L.S.
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Written Amount: \$_____

3.	Asbestos Removal - 131 Addison Road As per specification Section 004.0	1 L.S.	\$_____/L.S.
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Written Amount: \$_____

**BUILDING DEMOLITION AND ASBESTOS REMOVAL
AT VARIOUS SITES
BID PROPOSAL**

BID #GL-2009-32

CODE OF ETHICS:

I / We have reviewed a copy of the Town of Glastonbury's Code of Ethics and agree to submit a Consultant Acknowledgement Form if I / We are selected. Yes _____ No _____ *

*Bidder is advised that effective August 1, 2003, the Town of Glastonbury cannot consider any bid or proposal where the Respondent has not agreed to the above statement.

_____	_____
Type or Print Name of Individual	Doing Business as (Trade Name)
_____	_____
Signature of Individual	Street Address
_____	_____
Title	City, State, Zip Code
_____	_____
Date	Telephone Number / Fax Number
_____	_____
E-Mail Address	SS # or TIN#

(Seal – If bid is by a Corporation)

Attest

Attachment A

Pre-Demolition Asbestos Containing Materials
and Lead Inspection
Prepared by Triton Environmental, LLC

PRE-DEMOLITION ASBESTOS CONTAINING MATERIALS AND LEAD INSPECTION



210 Griswold Street and 131 Addison Road
Glastonbury, Connecticut

February 2009

Ref. No. 103412R01

Prepared for:

Mr. Daniel Pennington
Town Engineer/Manager of Physical Services
2155 Main Street
P. O. Box 6523
Glastonbury, CT 06033-6523

Prepared by:





TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

February 11, 2009

Mr. Daniel Pennington
Town Engineer/Manager of Physical Services
2155 Main Street
P. O. Box 6523
Glastonbury, CT 06033-6523

**Subject: Pre-Demolition Asbestos Containing Materials and Lead Inspection
210 Griswold Street and 131 Addison Road – Glastonbury, Connecticut**

Dear Mr. Pennington:

Triton Environmental, Inc. has completed a survey for potential presence of asbestos-containing materials (ACM) and lead based paint (LBP) at the above-referenced locations in Glastonbury, Connecticut. The 131 Addison Road property was only inspected for ACM. The ACM and LBP inspection was performed on January 9, 2009 by a Triton licensed State of Connecticut Asbestos Inspector (license # 000502). The purpose of the inspection was to identify if ACM and LBP are present at concentrations that would require special handling during the proposed demolition of the site structures.

Asbestos-Containing Materials (ACM) Discussion and Results

The 210 Griswold Street property is developed with an approximately 2,000 square foot two-story, single-family, residential building with a basement, attic, and a garage. The 131 Addison Road property consists of an approximately 1,800 square foot basement from a former freestanding building that formerly housed the VFW of Glastonbury. The former site building was reportedly damaged by a fire and then demolished, leaving the basement in place.

The asbestos inspection was completed in accordance with Environmental Protection Agency (EPA) and State of Connecticut regulations. A walk through of the each building structure was first completed to establish the locations of various suspect ACMs. Once the location and quantity of each suspect ACM was documented, representative samples of each suspect ACM were collected. As the inspection was performed for demolition purposes, minimally destructive sampling techniques were used in an attempt to observe and obtain samples of suspect building materials.

The EPA recommends that a minimum of three (3) samples from each suspect homogeneous material be collected and analyzed in order to determine that a material is negative for asbestos content (exceptions apply when only a small amount of a material, less than 3 linear/square feet is present). In accordance with EPA protocol, suspect ACM samples were collected by Triton and submitted to a State of Connecticut licensed analytical laboratory. The samples were analyzed via the Polarized Light Microscopy (PLM) method (EPA 600/R-93/116

Method). To avoid unnecessary sample analysis, Triton instructed the analyst to not analyze duplicate homogeneous samples if asbestos was determined to be greater than 1% in the previous homogeneous sample.

A total of sixty-two (62) suspect ACM samples obtained from twenty-two (22) materials were collected and submitted for analysis. Sixteen (16) building materials from 210 Griswold Street and six (6) building materials from 131 Addison Road were tested. Of the sixty-two (62) samples collected and submitted for PLM analysis (both standard and point count), forty-eight (48) were analyzed. This is due to the previously noted instructions by Triton to stop analysis after a first positive sample has been identified for each sample set. Materials containing greater than 1% asbestos and therefore termed "asbestos-containing materials" were identified in each of the site structures.

The following sections indicate the suspect materials sampled, their sample identification numbers, sampling locations, asbestos content (in percent), and material quantity (if ACM was detected). A detailed description of the analytical results may be found in the analytical reports included as Appendix A. A summary of the materials tested and found to be asbestos-containing for each address is provided in the tables below:

**Summary of Identified Asbestos Containing Materials
210 Griswold Street – Glastonbury, CT**

Sample #	Material Type	Sample Location	Asbestos Content (%)	Material Quantity (Approximate)
0109JH09A	Linoleum Flooring (2 nd Layer)	1 st Floor Kitchen	10% Chrysotile	350 Square Feet
0109JH11A	Pipe Elbow Fittings (TSI)	Basement Throughout	20% Chrysotile	16 Pipe Elbow Fittings
0109JH12A	Air Cell Pipe Insulation (TSI)	Basement Throughout	20% Chrysotile	125 Linear Feet
0109JH13A	Flue Cement On Brick	Basement At Boiler	10% Chrysotile	3 Square Feet

**Summary of Identified Asbestos Containing Materials
131 Addison Road – Glastonbury, CT**

Sample #	Material Type	Sample Location	Asbestos Content (%)	Material Quantity (Approximate)
0109JH17A	9x9" Grey Floor Tile	Basement Throughout	8% Chrysotile	1,800 Square Feet
0109JH18A	Black Mastic Associated With 17A-C	Basement Throughout	5% Chrysotile	1,800 Square Feet
0109JH19A	Air Cell Pipe Insulation TSI	Basement Throughout	10% Chrysotile	30 Linear Feet

Of the sixty-two (62) samples submitted for analysis, forty-eight (48) were found to be "non-asbestos containing". The sample number, location, and type are listed in the tables below for each address:

**Summary of Non-Asbestos Containing Materials
210 Griswold Street – Glastonbury, CT**

Sample #	Material Location/Type
0109JH01A-C	Throughout – Sheetrock
0109JH02A-C	Throughout – Taping Compound for Sheetrock
0109JH03	Throughout – Sheetrock/Taping Compound Composite
0109JH04A-C	2 nd Floor Bathroom – Ceramic Tile
0109JH05A-C	2 nd Floor Throughout - Smooth Coat Plaster
0109JH06A-C	2 nd Floor Throughout – Rough Coat Plaster

0109JH07A-C	Throughout – Textured Ceiling Paint
0109JH08A-C	1 st Floor Kitchen/Bathroom – Ceramic Tiling
*0109JH10A-C	1 st Floor Kitchen/Bathroom – Black Paper Below Linoleum Flooring
0109JH14A-C	Exterior – Roof Shingle
0109JH15A-C	Exterior – Black Paper Behind Wood Siding
0109JH16A-C	Exterior – Window Glazing

* This material is attached to the sample 0109JH09A, which was found to be ACM. The non-ACM black paper should then be disposed of as ACM as there is no way to segregate the materials. Ceramic tile sits atop these materials as the first layer, and this can be disposed of as non-ACM prior to abatement of the ACM materials.

**Summary of Non-Asbestos Containing Materials
131 Addison Road – Glastonbury, CT**

Sample #	Material Location/Type
0109JH20A-C	Basement – Sheetrock
0109JH21A-C	Basement – Taping Compound
0109JH22	Basement – Sheetrock/Taping Compound Composite

Lead Testing Results and Discussion

Triton collected a composite sample of representative building components (demolition debris) for Toxicity Characteristic Leaching Procedure (TCLP) lead analysis for the property at 210 Griswold Street (numbered TCLP-1 210 Griswold). No sample was collected from 131 Addison Road as the structure had already been demolished following a fire, with exception of the basement. The TCLP sample included materials (such as wood, drywall, plaster, glass, metal, etc.) in accurate type and weight proportions to those present in the expected building demolition debris. The intent of the TCLP sampling was to ascertain whether the resulting building demolition debris would generate a waste stream containing concentrations of lead above the State of Connecticut imposed limit of 5.0 milligrams per liter (mg/l), rendering the waste stream a “hazardous waste” not suitable for disposal as construction waste.

The demolition debris composite sample was analyzed for TCLP lead by a State of Connecticut certified environmental laboratory. Leachable lead was not detected above the method reporting limit (0.013 mg/L) in the demolition debris composite sample. As such, debris generated from demolition of 210 Griswold Street is considered acceptable for disposal as non-hazardous solid waste (construction waste). The TCLP lead analytical report has been included as Appendix B to this letter report.

Recommendations

Based on the results of this pre-demolition survey, ACM was found within the structures at 210 Griswold Street and 131 Addison Road in Glastonbury, Connecticut. Triton recommends that prior to any demolition work at each site, all asbestos containing materials be abated/removed by a State of Connecticut Licensed Asbestos Abatement Contractor and properly disposed of as asbestos waste. Preliminary (planning level) estimates of ACM abatement and final clearance costs are approximately \$7,200.00 for the 210 Griswold Street property and approximately \$8,500.00 for the 131 Addison Road property. It may be possible to obtain an Alternative Work Practice (AWP) from the State of Connecticut Department of Public Health allowing all non-friable ACM to remain within the building until post-demolition. This material would then be segregated from the waste debris and disposed on as ACM by a State of Connecticut Licensed Asbestos Abatement Contractor. This will be decided upon by the sole discretion of the State of Connecticut Department of Public Health.

The composite sample of representative building material collected from 210 Griswold Street was found to contain no detectable levels of leachable lead. As such, non ACM building materials can be demolished and disposed of as construction waste. The structure at 131 Addison Road was not tested for lead, as the basement was the only portion of the former building remaining onsite.

Limitations

This inspection was completed for demolition purposes and involved the use of selective destructive sampling techniques to access non-readily-visible suspect ACM. Although efforts were made to diligently inspect such locations, it should be noted that ACM may be present behind fixed building components such as walls, ceilings, and floors that were not accessed. If suspect ACM is encountered during demolition activities that was not previously sampled, demolition work should be halted until the suspect ACM is sampled and laboratory analyzed.

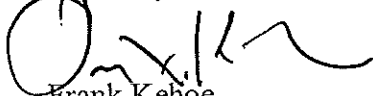
This letter is intended solely to summarize the results of the ACM and LBP testing conducted by Triton at each site and is not intended to serve as a comprehensive Hazardous Materials Inspection and, as such, did not include inspections or sampling for the presence of potential contaminants in building materials and indoor air such as PCBs, mercury, radon, mold or other potentially hazardous building materials. This letter is not intended to serve as a technical specification for each building demolition and should not be used as such. Triton recommends that prior to any building demolition or renovation activities that an inspection of that area be completed to assess for additional contaminants that may require special handling and disposal practices. All renovation and demolition activities should be conducted in accordance with all applicable local, State, and Federal regulations and OSHA guidelines.

In completing the ACM and lead survey, Triton has relied upon information provided by subcontractors (i.e. testing laboratories). Triton provides no warranty regarding the accuracy and completeness of the information provided by subcontractors.

Closing

Triton has appreciated the opportunity to assist the Town of Glastonbury with this project. We are available to discuss these conclusions and recommendations with you at your convenience. If you should have any questions or comments regarding this letter or the enclosed report, please contact us at 203.458.7200.

Sincerely,



Frank Kehoe
Project Manager



J. Carver Glezen, L.E.P.
Senior Vice President

Appendix A – ACM Laboratory Analytical Report
Appendix B – LCLP Laboratory Analytical Report

Ref No. 103412R01

APPENDIX A

ACM Laboratory Analytical Report



EMSL Analytical, Inc.

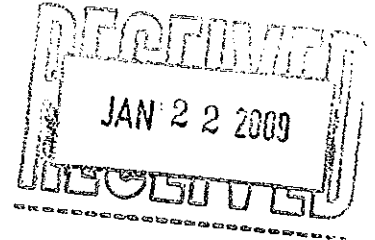
4 Fairfield Boulevard, Wallingford, CT 06492

Phone: 203-284-5948 Fax: (203) 284-5978 Email: wallingfordlab@emsl.com

Attn: Jon Herman
Triton Environmental, Inc.
385 Church Street
Guilford, CT 06437

Fax: (203) 458-7201 Phone: (203) 458-7200
Project: 103412

Customer ID: TRIT52
Customer PO: 103412
Received: 01/13/09 8:00 AM
EMSL Order: 240900076
EMSL Proj:
Analysis Date: 1/19/2009
Report Date: 1/19/2009



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

Table with 7 columns: Sample, Location, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Contains 10 rows of analysis data for various samples from 0109JH01A to 0109JH04A.

Analyst(s)

Edward Leary (6)
Justin Hendy (6)

Wayne Froehlich (35)

Wayne Froehlich (handwritten signature)

Wayne Froehlich, Asbestos Technical Coordinator or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

NVLAP Lab Code 200700-9



EMSL Analytical, Inc.

4 Fairfield Boulevard, Wallingford, CT 06492

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Customer PO: 103412
Received: 01/13/09 8:00 AM
EMSL Order: 240900076

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Project: 103412

EMSL Proj:
Analysis Date: 1/19/2009
Report Date: 1/19/2009

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

Table with 7 columns: Sample, Location, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Contains 9 rows of sample data.

Analyst(s)

Edward Leary (6)
Justin Hendy (6)

Wayne Froehlich (35)

Wayne Froehlich (handwritten signature)

Wayne Froehlich, Asbestos Technical Coordinator
or other approved signatory

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Project: 103412

EMSL Proj:
Analysis Date: 1/19/2009
Report Date: 1/19/2009

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

Table with 7 columns: Sample, Location, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples 0109JH07A through 0109JH09B.

Analyst(s)

Edward Leary (6)
Justin Hendy (6)

Wayne Froehlich (35)

Wayne Froehlich (signature)

Wayne Froehlich, Asbestos Technical Coordinator
or other approved signatory

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NVLAP Lab Code 2007D0-0



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Attn: **Jon Herman**
Triton Environmental, Inc.
385 Church Street
Guilford, CT 06437

Customer ID: TRIT52
Customer PO: 103412
Received: 01/13/09 8:00 AM
EMSL Order: 240900076

Fax: (203) 458-7201 Phone: (203) 458-7200
Project: 103412

EMSL Proj:
Analysis Date: 1/19/2009
Report Date: 1/19/2009

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
0109JH09C 240900076-0025	210 Griswold 1st fl kitchen/linoleum(2nd layer)				Stop Positive (Not Analyzed)
0109JH10A 240900076-0026	210 Griswold 1st fl kitchen black paper(bottom lay	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
0109JH10B 240900076-0027	210 Griswold 1st fl kitchen black paper(bottom lay	Black Fibrous Heterogeneous	35% Cellulose	65% Non-fibrous (other)	None Detected
0109JH10C 240900076-0028	210 Griswold 1st fl kitchen black paper(bottom lay	Black Fibrous Heterogeneous	45% Cellulose	55% Non-fibrous (other)	None Detected
0109JH11A 240900076-0029	210 Griswold basement-pipe elbow tsi	Tan Fibrous Heterogeneous	10% Cellulose 5% Fibrous (other)	65% Non-fibrous (other)	20% Chrysotile
0109JH11B 240900076-0030	210 Griswold basement-pipe elbow tsi				Stop Positive (Not Analyzed)
0109JH11C 240900076-0031	210 Griswold basement-pipe elbow tsi				Stop Positive (Not Analyzed)
0109JH12A 240900076-0032	210 Griswold basement air cell tsi	Tan Fibrous Heterogeneous	25% Cellulose	55% Non-fibrous (other)	20% Chrysotile

Analyst(s)

Edward Leary (6)
Justin Hendy (6)

Wayne Froehlich (35)

Wayne Froehlich, Asbestos Technical Coordinator
or other approved signatory

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Report Date: 1/19/2009

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

Table with 7 columns: Sample, Location, Appearance, % Fibrous, % Non-Fibrous, Asbestos % Type. Rows include samples 0109JH12B through 0109JH14C with their respective analysis results.

Analyst(s)

Edward Leary (6)
Justin Hendy (6)

Wayne Froehlich (35)

Wayne Froehlich (signature)

Wayne Froehlich, Asbestos Technical Coordinator
or other approved signatory

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Project: 103412

EMSL Proj:
Analysis Date: 1/19/2009
Report Date: 1/19/2009

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
0109JH15A 240900076-0041	210 Griswold exterior-black paper behind wood sidi	Black Fibrous Heterogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected
0109JH15B 240900076-0042	210 Griswold exterior-black paper behind wood sidi	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
0109JH15C 240900076-0043	210 Griswold exterior-black paper behind wood sidi	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
0109JH16A 240900076-0044	210 Griswold exterior-window glazing	Gray Non-Fibrous Homogeneous	<1% Cellulose <1% Fibrous (other)	100% Non-fibrous (other)	None Detected
0109JH16B 240900076-0045	210 Griswold exterior-window glazing	Gray Non-Fibrous Homogeneous	<1% Cellulose <1% Fibrous (other)	100% Non-fibrous (other)	None Detected
0109JH16C 240900076-0046	210 Griswold exterior-window glazing	Gray Non-Fibrous Homogeneous	<1% Cellulose 1% Fibrous (other)	99% Non-fibrous (other)	None Detected
0109JH17A 240900076-0047	131 Addison basement-9x9 fl tile throughout	Gray Fibrous Heterogeneous	2% Cellulose 2% Fibrous (other)	88% Non-fibrous (other)	8% Chrysotile

Analyst(s)

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Justin Hendy (6)

Wayne Froehlich (35)

Wayne Froehlich, Asbestos Technical Coordinator
or other approved signatory

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EMSL Proj:
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Report Date: 1/19/2009

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
0109JH17B 240900076-0048	131 Addison basement-9x9 fl tile throughout				Stop Positive (Not Analyzed)
0109JH17C 240900076-0049	131 Addison basement-9x9 fl tile throughout				Stop Positive (Not Analyzed)
0109JH18A 240900076-0050	131 Addison basement black mastic for 17A-C	Black Non-Fibrous Heterogeneous	2% Cellulose <1% Fibrous (other)	93% Non-fibrous (other)	5% Chrysotile
0109JH18B 240900076-0051	131 Addison basement black mastic for 17A-C				Stop Positive (Not Analyzed)
0109JH18C 240900076-0052	131 Addison basement black mastic for 17A-C				Stop Positive (Not Analyzed)
0109JH19A 240900076-0053	131 Addison basement air cell tsi	Tan Fibrous Heterogeneous	3% Cellulose 1% Fibrous (other)	86% Non-fibrous (other)	10% Chrysotile
0109JH19B 240900076-0054	131 Addison basement air cell tsi				Stop Positive (Not Analyzed)
0109JH19C 240900076-0055	131 Addison basement air cell tsi				Stop Positive (Not Analyzed)

Analyst(s)

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Justin Hendy (6)

Wayne Froehlich (35)

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or other approved signatory

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Project: 103412

EMSL Proj:
Analysis Date: 1/19/2009
Report Date: 1/19/2009

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
0109JH20A 240900076-0056	131 Addison basement-sheetrock	Tan Fibrous Heterogeneous	8% Cellulose	92% Non-fibrous (other)	None Detected
0109JH20B 240900076-0057	131 Addison basement-sheetrock	Tan Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
0109JH20C 240900076-0058	131 Addison basement-sheetrock	Gray Fibrous Heterogeneous	5% Cellulose 3% Glass	92% Non-fibrous (other)	None Detected
0109JH21A 240900076-0059	131 Addison basement topping compound	White Non-Fibrous Heterogeneous	2% Cellulose 1% Fibrous (other)	97% Non-fibrous (other)	None Detected
0109JH21B 240900076-0060	131 Addison basement topping compound	White Non-Fibrous Heterogeneous	3% Cellulose 1% Fibrous (other)	96% Non-fibrous (other)	None Detected
0109JH21C 240900076-0061	131 Addison basement topping compound	White Non-Fibrous Heterogeneous	2% Cellulose <1% Fibrous (other)	98% Non-fibrous (other)	None Detected
0109JH22 240900076-0062	131 Addison basement sheetrock/tape composite	Various Fibrous Heterogeneous	8% Cellulose 1% Fibrous (other)	91% Non-fibrous (other)	None Detected

Analyst(s)

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Justin Hendy (6)

Wayne Froehlich (35)

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NVLAP Lab Code 200700-0



240900070

107 Haddon Avenue, Westmont, New Jersey 08108

1-800-220-3675

http://www.emsl.com

EMSL ANALYTICAL, Inc.

CHAIN OF CUSTODY

EMSL Rep:

Third Party Billing requires written authorization from third party

Your Name:
Company:

Jon Herman / Triton Environmental
385 Church St

EMSL-Bill to:

Kim Fiorelli

Street:

Street:

Box #:

Box #:

City/State:

Guilford, CT Zip 06437

City/State:

Zip

Phone Results to:

Fax Results to:

Name:

Name:

Telephone #:

Fax #:

Project Name/Number:

Purchase Order #:

103412

Jon Herman

203-458-7001

103412

TURNAROUND TIME

- 3 Hours
- 6 Hours
- 12 Hours
- 24 Hours
- 48 Hours
- 72 Hours
- 4 Days
- 5 Days
- 6-10 Days

SAMPLE MATRIX

- Air
- Bulk
- Soil
- Wipe
- Micro-Vac
- Drinking Water
- Wastewater
- Chips
- Other

ASBESTOS ANALYSIS

PCM - Air

- NIOSH 7400 (A) Issue 2: August 1994
- OSHA w/TWA

TEM AIR

- AHERA 40 CFR, Part 763 Subpart E
- NIOSH 7402 Issue 2
- EPA Level II

PLM - Bulk

- EPA 600/R-93/110
- NY Stratified Point Count
- California Air Resource Board (CARB) 435
- NIOSH 9002

PLM NOB (Gravimetric) NYS 198.1

- EPA Point Count (400 Points)
- EPA Point Count (1,000 Points)
- Standard Addition Point Count

SOILS

- EPA Protocol Qualitative
- EPA Protocol Quantitative
- EMSL MSD 9000 Method fibers/gram
- Superfund EPA 540-R097-028 (dust generation)

TEM BULK

- Drop Mount (Qualitative)
- Chatfield SOP-1985-02
- TEM NOB (Gravimetric) NY 198.4

TEM MICROVAC

- ASTM D 3755-95 (Quantitative)

TEM WIPE

- ASTM D-6480-99
- Qualitative

TEM WATER

- EPA 100.1
- EPA 100.2
- NYS 198.2

OTHER:

LEAD ANALYSIS

Flame Atomic Absorption

- Wipe, SW846-7420 ASTM non ASTM
- Soil, SW846-7420
- Air, NIOSH 7082
- Chips, SW846-7420 or AOAC 5.009 (974.02)
- Wastewater, SW 846-7420
- TCLP LEAD SW846-1311/7420

Graphite Furnace Atomic Absorption

- Air, NIOSH 7105
- Wastewater, SW846-7421
- Soil, SW846-7421
- Drinking Water, EPA 239.2

ICP - Inductively Coupled Plasma

- Wipe, SW846-6010 ASTM non ASTM
- Soil, SW846-6010
- Air, NIOSH 7300

MATERIALS ANALYSIS

- Full Particle Identification
- Optical Particle Identification
- Dust Mites and Insect Fragments
- Particle Size & Distribution
- Product Comparison
- Paint Characterization
- Failure Analysis
- Corrosion Analysis
- Glove Box Containment Study
- Petrographic Examination of Concrete
- Portland Cement in Workplace Atmospheres (OSHA ID-143)
- Man Made Vitreous Fibers - MMVF's
- Synthetic Fiber Identification
- Other:

MICROBIAL ANALYSIS

Air Samples

- Mold & Fungi by Air O Cell
- Mold & Fungi by Agar Plate count & id
- Bacterial Count and Gram Stain
- Bacterial Count and Identification

Water Samples

- Total Coliforms, Fecal Coliforms
- Escherichia Coll, Fecal Streptococcus
- Legionella
- Salmonella
- Giardia and Cryptosporidium

Wipe and Bulk Samples

- Mold & Fungi - Direct Examination
- Mold & Fungi - (Culture follow up to direct examination if necessary)
- Mold & Fungi - Culture (Count & ID)
- Mold & Fungi - Culture (Count only)
- Bacterial Count & Gram Stain
- Bacterial Count & Identification (3 most prominent types)
- Other:

IAQ ANALYSIS

- Nuisance Dust (NIOSH 0500 & 0600)
- Airborne Dust (PM10, TSP)
- Silica Analysis by XRD NIOSH 7500
- HVAC Efficiency
- Carbon Black
- Airborne Oil Mist
- Other:

RECEIVED
JAN 13 2009
Drop Box
By PD8:00

Client Sample # (S)

0109 JH 01A

0109 JH 22

TOTAL SAMPLE #

62

Relinquished:

Jon Herman

Date:

1/12/09

Time:

Received:

Date:

Time:

Relinquished:

Date:

Time:

Received:

Date:

Time:

Please stop analysis after first positive result for each sample set



240900076

107 Haddon Avenue, Westmont, New Jersey 08108

1-800-220-3675

http://www.emsl.com

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME Air (L)	Area (Inches sq.)
0109JH01A	210 Griswold / Sheetrock Throughout Attic		
B		2nd fl	
C		bsmt	
02A	Taping Compound Throughout Attic		
B		2nd fl	
C		bsmt	
03A	Sheetrock/Taping Composite - 1st fl		
04A	2nd fl bath - ceramic tile		
B			
C			
05A	2nd fl plaster - smooth coat		
B			
C			
06A	rough coat		
B			
C			
07A	Textured Ceiling Paint - 2nd fl		
B		2nd fl	
C		1st fl	
08A	1st fl hidden/bath = ceramic ^{top} layer		
B			
C			
09A	linoleum (2nd layer)		
B			
C			
10A	black paper (bottom layer)		
B			
C			

Relinquished: _____
 Received: _____
 Relinquished: _____
 Received: _____

Date: _____ Time: _____
 Date: _____ Time: _____
 Date: _____ Time: _____
 Date: _____ Time: _____

DATE RECEIVED
 JAN 13 2009

Time: 208:00



240900070

107 Haddon Avenue, Westmont, New Jersey 08108

1-800-220-3675

http://www.emsl.com

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME Air (L)	Area (Inches sq.)
0109 JH 11 A	210 Griswold / Basement - Pipe Elbow TSI		
B			
C			
12 A	Air Cell TSI		
B			
C			
13 A	Flue Cement on brick		
B			
C			
14 A	Exterior - Roof Shingles		
B			
C			
15 A	- Black Paper ^{Behind} Below Wood Siding		
B			
C			
16 A	- Window Glazing		
B			
C			
17 A	131 Addison / Basement - 9x9 floor tile throughout		
B			
C			
18 A	Black Mastic for 17A-C		
B			
C			
19 A	Air Cell TSI		
B			
C			

RECEIVED
 JAN 13 2009
 by RD 8:00

Relinquished: _____
 Received: _____
 Relinquished: _____
 Received: _____

Date: _____ Time: _____
 Date: _____ Time: _____
 Date: _____ Time: _____
 Date: _____ Time: _____

APPENDIX B

TCLP Laboratory Analytical Report



80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

January 22, 2009

Mr. Frank Kehoe
Triton Environmental
385 Church St.
Guilford, CT 06437

Project: 103412 Glastonbury
Project #: 103412
CET #: 09010258
Solid: TCLP-1 210 Griswold
Collection Date(s): 1/9/2009

PREP ANALYSIS:

TCLP, Metals [EPA 1311]

Client ID	TCLP-1 210 Griswold
CET ID	AE00012
Date Analyzed	1/20/2009

ANALYSIS:

TCLP Metals [EPA 6020A] Units: mg/l

Client ID	TCLP-1 210 Griswold
CET ID	AE00012
Date Analyzed	1/22/2009
Dilution	1.0
Lead	ND < 0.013

Sincerely,

David Bitta

Laboratory Director

NOTES:

ND is Not Detected.

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199



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QA Report

Project: 103412 Glastonbury
CET#: 09010258

Blank/LCS Report

QA Type: TCLP Metals Date Analyzed: 1/22/2009 Batch ID: 59608

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	98	80-120

All associated samples: AE00012

ND is not detected



COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer

Client:

CEL

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@ceftabs.com

Sample ID

Date/Time

Matrix:
A-Air
S-Soil
M-Miner
D-Dumping W.
C-Cement
S-Solid
N-Nip
O-Other (Specify)

Turnaround Time **
(check one)

Same Day
24 Hours
2-3 Days
Standard

Organics

Metals (check all that apply)

Additional Analysis

- 8260 CT List
- 8260 Aromatics
- 8260 Halogens
- SPLP 8260
- TCLP 8260
- TPH (418:1)
- CT ETPH
- 8270 CT List
- 8270 PNA's
- POB's
- Pesticides
- 13 Priority Poll
- 8 RCRA
- TOTAL
- TCLP Pb
- SPLP
- Field Filtered
- Lab To Filter

TOTAL # OF CONT.
NOTE #

PRESERVATIVE (C-HCl, N-HNO₃, S-H₂SO₄, Na-NaOH, C-Cool, O-Other)

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)

Soil VOCs Only (M-Meth B-Bisulphite W-Water F-Empty E-Empty)

RELINQUISHED BY: DATE/TIME RECEIVED BY: DATE/TIME

RELINQUISHED BY: DATE/TIME RECEIVED BY: DATE/TIME

RELINQUISHED BY: DATE/TIME RECEIVED BY: DATE/TIME

Client / Reporting Information

Company Name

Address

City

State

Zip

Report To:

Phone #

Fax #

E-mail

Notes:
Baking Materials TCLP

Project Contact: Frank Kehoe

Project: 10342

Location: Housatonic

Collector(s): SKH

Project #: 10342

PO #: 1

Data Report: Print SW Site Specific (MS/MSD) * RCP Pkg * Email PDF Excel Other Fax T etc

RSR Reporting Units (check one) N/A GA GB SWP Other (Specify)

Signature of Client: [Signature]

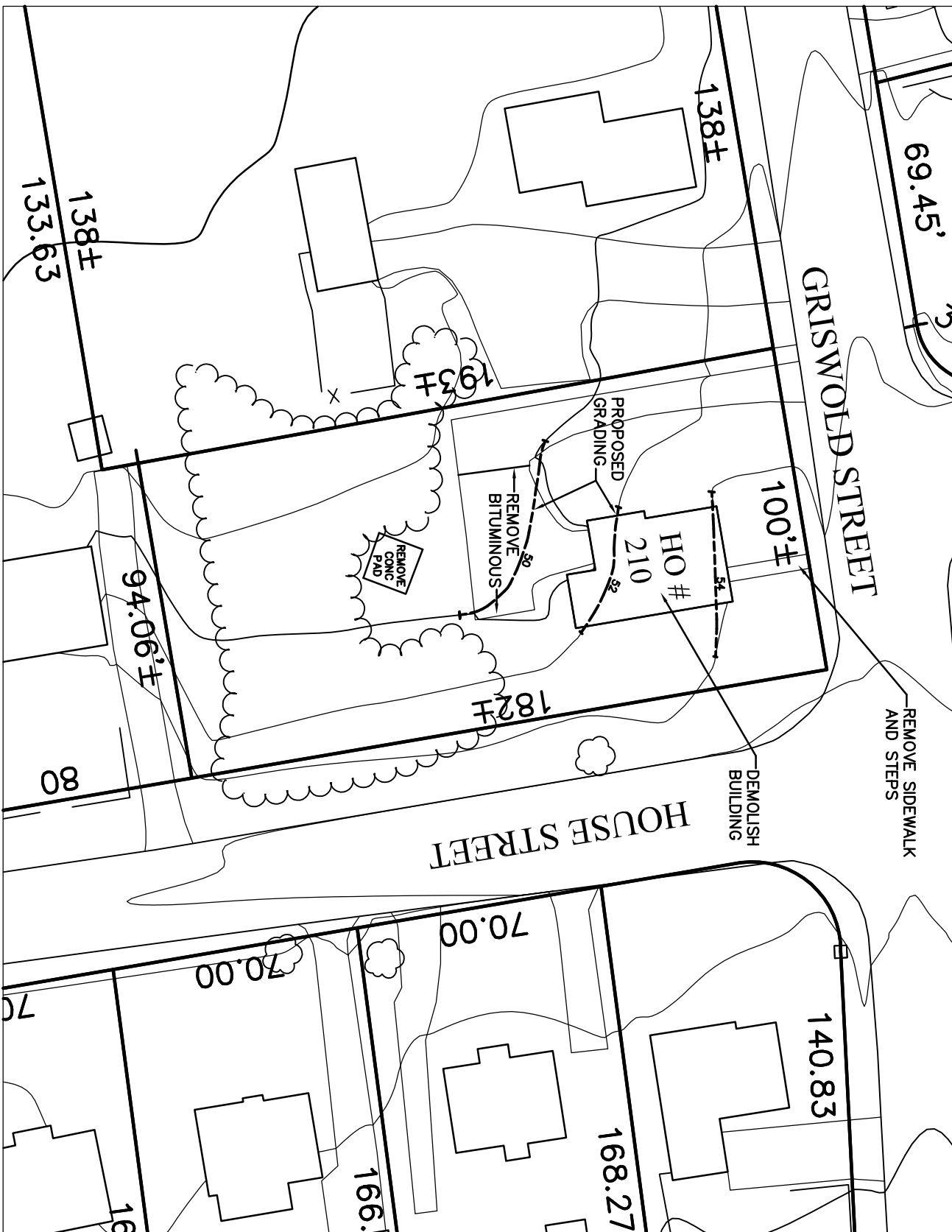
Date: [Date]

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

Attachment B

Site Plan
210 Griswold Street



- NOTES:
1. INFORMATION SHOWN IS DERIVED FROM 1998 AERIAL PHOTOGRAMMETRY AND IS APPROXIMATE IN NATURE.
 2. NOT ALL DEMOLITION WORK IS DEPICTED ON THIS PLAN. SEE SPECIFICATIONS FOR COMPLETE SCOPE OF WORK.

SCALE: 1" = 40'

NO.	DESCRIPTION	DATE
1		



SCALE, AS SHOWN	DATE
DRAWN BY: S.A.	2/18/2009
CHECKED BY: S.A.B.	2/18/2009
APPROVED BY: D.A.P.	
ST. FILE:	



SITE PLAN
OF
210 GRISWOLD ST
GLASTONBURY, CONNECTICUT