Attachment A

Prevailing Wage Documentation

Information Bulletin Occupational Classifications

The Connecticut Department of Labor has the responsibility to properly determine "job classification" on prevailing wage projects covered under C.G.S. Section 31-53.

Note: This information is intended to provide a sample of some occupational classifications for guidance purposes only. It is not an all-inclusive list of each occupation's duties. This list is being provided only to highlight some areas where a contractor may be unclear regarding the proper classification.

Below are additional clarifications of specific job duties performed for certain classifications:

Asbestos Insulator

Handle, install, apply, fabricate, distribute, prepare, alter, repair, or dismantle
heat and frost insulation, including penetration and fire stopping work on all
penetration fire stop systems.

Carpenter

- Assembly and installation of modular fumiture/fumiture systems.
 [New] a. Free-standing furniture is not covered. This includes: student chairs, study top desks, book box desks, computer furniture, dictionary stand, atlas stand, wood shelving, two- position information access station, file cabinets, storage cabinets, tables, etc.
- Applies fire stopping materials on fire resistive joint systems only.
- Installation of insulated material of all types whether blown, nailed or attached in other ways to walls, ceilings and floors of buildings.
- Installation of curtain/window walls only where attached to wood or metal studs.

Cleaning Laborer

 The clean up of any construction debris and the general cleaning, including sweeping, wash down, mopping, wiping of the construction facility, washing, polishing, dusting, etc., prior to the issuance of a certificate of occupancy falls under the Labor classification.

Delivery Personnel (Revised)

- If delivery of supplies/building materials is to one common point and stockpiled there, prevailing wages are not required. If the delivery personnel are involved in the distribution of the material to multiple locations within the construction site then they would have to be paid prevailing wages for the type of work performed: laborer, equipment operator, electrician, ironworker, plumber, etc.
- An example of this would be where delivery of drywall is made to a building and the delivery personnel distribute the drywall from one "stockpile" location to further sub-locations on each floor. Distribution of material around a construction site is the job of a laborer/tradesman and not a delivery personnel.

Electrician

- Installation or maintenance of telecommunication, LAN wiring or computer equipment.
- Low voltage wiring.

Fork Lift Operator

- Laborers Group 4) Mason Tenders operates forklift solely to assist a mason to a maximum height of nine (9) feet only.
- Power Equipment Operator Group 9 operates forklift to assist any trade, and to assist a mason to a height over nine (9) feet.

Glaziers

- Installs light metal sash, head sills, and 2-story aluminum storefronts.
- Installation of aluminum window walls and curtain walls is the 'Soidtwork of the Glaziers and Ironworkers classification which requires either a blended rate or equal composite workforce.

Ironworkers

- Handling, sorting, and installation of reinforcing steel (rebar).
- Installation of aluminum window walls and curtain walls is the "joint work" of the Glaziers and Ironworkers classification which requires either a blended rate or equal composite workforce. Insulated metal and insulated composite panels are still installed by the Ironworker.
- Metal bridge rail (traffic), metal bridge handrail, and decorative security fence installation.

Insulator

Installing fire stopping systems/materials for "Penetration Firestop Systems":
transit to cables, electrical conduits, insulated pipes, sprinkler pipe penetrations,
ductwork behind radiation, electrical cable trays, fire rated pipe penetrations,
natural polypropylene, HVAC ducts, plumbing bare metal, telephone and
communication wires, and boiler room ceilings. Past practice using the
applicable licensed trades, Plumber, Sheet Metal, Sprinkler Fitter, and
Electrician, is not inconsistent with the Insulator classification and would be
permitted.

Lead Paint Removal

- Painter Rate
 - 1. Removal of lead paint from bridges.
 - 2. Removal of lead paint as preparation of any surface to be repainted.
 - 3. Where removal is on a Demolition project prior to reconstruction.
- Laborer Rate
 - 1. Removal of lead paint from any surface NOT to be repainted.
 - 2. Where removal is on a *TOTAL* Demolition project only.

Roofers

• Preparation of surface, tear-off and/or removal of any type of roofing, and/or clean-up of any areas where a roof is to be relaid.

Sheet Metal Worker

• Fabrication, handling, assembling, erecting, altering, repairing, etc. of coated metal material panels and composite metal material panels when used on building exteriors and interiors as soffits, facia, louvers, partitions, wall panel siding, canopies, cornice, column covers, awnings, beam covers, cladding, sun shades, lighting troughs, spires, ornamental roofing, metal ceilings, mansards, copings, ornamental and ventilation hoods, vertical and horizontal siding panels, trim, etc. The sheet metal classification also applies to the vast variety of coated metal material panels and composite metal material panels that have evolved over the years as an alternative to conventional ferrous and non-ferrous metals like steel, iron, tin, copper, brass, bronze, aluminum, etc. Insulated metal and insulated composite panels are still installed by the Iron Worker. Fabrication, handling, assembling, erecting, altering, repairing, etc. of architectural metal roof, standing seam roof, composite metal roof, metal and composite bathroom/toilet partitions, aluminum gutters, metal and composite lockers and shelving, kitchen equipment, and walk-in coolers.

Truck Drivers

- Truck Drivers delivering asphalt are covered under prevailing wage while on the site and directly involved in the paving operation.
- Material men and deliverymen are not covered under prevailing wage as long as they are not directly involved in the construction process. If, they unload the material, they would then be covered by prevailing wage for the classification they are performing work in: laborer, equipment operator, etc.
- Hauling material off site is not covered provided they are not dumping it at a location outlined above.
- Driving a truck on site and moving equipment or materials on site would be considered covered work, as hs is part of the construction process.

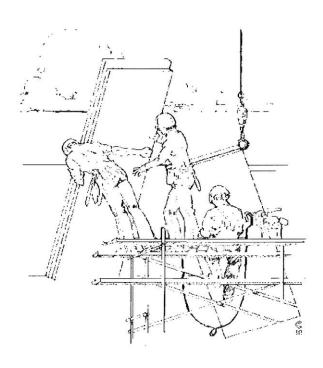
Any questions regarding the proper classification should be directed to the Contract Compliance Unit, Wage and Workplace Standards Division, Connecticut Department of Labor, 200 Folly Brook Blvd, Wethersfield, CT 06 109 at (860) 263-6543.

~NOTICE~

TO ALL CONTRACTING AGENCIES

Please be advised that Connecticut General Statutes Section 31-53, requires the contracting agency to certify to the Department of Labor, the total dollar amount of work to be done in connection with such public works project, regardless of whether such project consists of one or more contracts.

Please find the attached "Contracting Agency Certification Form" to be completed and returned to the Department of Labor, Wage and Workplace Standards Division, Public Contract Compliance Unit.



CONNECTICUT DEPARTMENT OF LABOR WAGE AND WORKPLACE STANDARDS DIVISION CONTRACT COMPLIANCE UNIT

CONTRACTING AGENCY CERTIFICATION FORM

I,	, acting in my official cap	pacity as
	representative	title
for	, located at	
con	tracting agency	address
do hereby ce	ertify that the total dollar amount of work to be	e done in connection with
	, located at	
proje	ect name and number	address
shall be \$, which includes all work, re	gardless of whether such project
consists of o	one or more contracts.	
	CONTRACTOR INFORM	MATION
Name:		
Address:		
Authorized I	Representative:	
Approximate	e Starting Date:	
Approximate	e Completion Date:	
	•	
S	ignature	Date
Return To:	Connecticut Department of Labor Wage & Workplace Standards Division	
	Contract Compliance Unit 200 Folly Brook Blvd.	
	Wethersfield, CT 06109	
Date Issued:		

CONNECTICUT DEPARTMENT OF LABOR WAGE AND WORKPLACE STANDARDS DIVISION

CONTRACTORS WAGE CERTIFICATION FORM

I,		of	
I, Officer, Owner, Authori	zed Rep.	of Company Name	
do hereby certify that the			
		Company Name	
		Street	
		City	
and all of its subcontractors w	vill pay all work	ers on the	
Pro	oject Name and	Number	
	Street and City		
the wages as listed in the sche is attached hereto).	dule of prevaili	ng rates required for such project	(a copy of which
	_	Signed	
Subscribed and sworn to befo	re me this	day of	·
	-	Notary Public	
Rate Schedule Issued (Date):		

Informational Bulletin

THE 10-HOUR OSHA CONSTRUCTION SAFETY AND HEALTH COURSE

(applicable to public building contracts entered into *on or after July 1, 2007*, where the total cost of all work to be performed is at least \$100,000)

- (1) This requirement was created by Public Act No. 06-175, which is codified in Section 31-53b of the Connecticut General Statutes (pertaining to the prevailing wage statutes);
- (2) The course is required for public building construction contracts (projects funded in whole or in part by the state or any political subdivision of the state) entered into on or after July 1, 2007;
- (3) It is required of private employees (not state or municipal employees) and apprentices who perform manual labor for a general contractor or subcontractor on a public building project where the total cost of all work to be performed is at least \$100,000;
- (4) The ten-hour construction course pertains to the ten-hour Outreach Course conducted in accordance with federal OSHA Training Institute standards, and, for telecommunications workers, a ten-hour training course conducted in accordance with federal OSHA standard, 29 CFR 1910.268;
- (5) The internet website for the federal OSHA Training Institute is http://www.osha.gov/fso/ote/training/edcenters/fact_sheet.html;
- (6) The statutory language leaves it to the contractor and its employees to determine who pays for the cost of the ten-hour Outreach Course;
- (7) Within 30 days of receiving a contract award, a general contractor must furnish proof to the Labor Commissioner that all employees and apprentices performing manual labor on the project will have completed such a course;
- (8) Proof of completion may be demonstrated through either: (a) the presentation of a *bona fide* student course completion card issued by the federal OSHA Training Institute; *or* (2) the presentation of documentation provided to an employee by a trainer certified by the Institute pending the actual issuance of the completion card;
- (9) Any card with an issuance date more than 5 years prior to the commencement date of the construction project shall not constitute proof of compliance;

- (10) Each employer shall affix a copy of the construction safety course completion card to the certified payroll submitted to the contracting agency in accordance with Conn. Gen. Stat. § 31-53(f) on which such employee's name first appears;
- (11) Any employee found to be in non-compliance shall be subject to removal from the worksite if such employee does not provide satisfactory proof of course completion to the Labor Commissioner by the fifteenth day after the date the employee is determined to be in noncompliance;
- (12) Any such employee who is determined to be in noncompliance may continue to work on a public building construction project for a maximum of fourteen consecutive calendar days while bringing his or her status into compliance;
- (13) The Labor Commissioner may make complaint to the prosecuting authorities regarding any employer or agent of the employer, or officer or agent of the corporation who files a false certified payroll with respect to the status of an employee who is performing manual labor on a public building construction project;
- (14) The statute provides the minimum standards required for the completion of a safety course by manual laborers on public construction contracts; any contractor can exceed these minimum requirements; and
- (15) Regulations clarifying the statute are currently in the regulatory process, and shall be posted on the CTDOL website as soon as they are adopted in final form.
- (16) Any questions regarding this statute may be directed to the Wage and Workplace Standards Division of the Connecticut Labor Department via the internet website of http://www.ctdol.state.ct.us/wgwkstnd/wgemenu.htm; or by telephone at (860)263-6790.

THE ABOVE INFORMATION IS PROVIDED EXCLUSIVELY AS AN EDUCATIONAL RESOURCE, AND IS NOT INTENDED AS A SUBSTITUTE FOR LEGAL INTERPRETATIONS WHICH MAY ULTMATELY ARISE CONCERNIG THE CONSTRUCTION OF THE STATUTE OR THE REGULATIONS.

Sec. 31-53b. Construction safety and health course. New miner training program. Proof of completion required for mechanics, laborers and workers on public works projects. Enforcement, Regulations, Exceptions, (a) Each contract for a public works project entered into on or after July 1, 2009, by the state or any of its agents, or by any political subdivision of the state or any of its agents, described in subsection (g) of section 31-53, shall contain a provision requiring that each contractor furnish proof with the weekly certified payroll form for the first week each employee begins work on such project that any person performing the work of a mechanic, laborer or worker pursuant to the classifications of labor under section 31-53 on such public works project, pursuant to such contract, has completed a course of at least ten hours in duration in construction safety and health approved by the federal Occupational Safety and Health Administration or, has completed a new miner training program approved by the Federal Mine Safety and Health Administration in accordance with 30 CFR 48 or, in the case of telecommunications employees, has completed at least ten hours of training in accordance with 29 CFR 1910.268.

- (b) Any person required to complete a course or program under subsection (a) of this section who has not completed the course or program shall be subject to removal from the worksite if the person does not provide documentation of having completed such course or program by the fifteenth day after the date the person is found to be in noncompliance. The Labor Commissioner or said commissioner's designee shall enforce this section.
- (c) Not later than January 1, 2009, the Labor Commissioner shall adopt regulations, in accordance with the provisions of chapter 54, to implement the provisions of subsections (a) and (b) of this section. Such regulations shall require that the tenhour construction safety and health courses required under subsection (a) of this section be conducted in accordance with federal Occupational Safety and Health Administration Training Institute standards, or in accordance with Federal Mine Safety and Health Administration Standards or in accordance with 29 CFR 1910.268, as appropriate. The Labor Commissioner shall accept as sufficient proof of compliance with the provisions of subsection (a) or (b) of this section a student course completion card issued by the federal Occupational Safety and Health Administration Training Institute, or such other proof of compliance said commissioner deems appropriate, dated no earlier than five years before the commencement date of such public works project.
- (d) This section shall not apply to employees of public service companies, as defined in section 16-1, or drivers of commercial motor vehicles driving the vehicle on the public works project and delivering or picking up cargo from public works projects provided they perform no labor relating to the project other than the loading and unloading of their cargo.

(P.A. 06-175, S. 1; P.A. 08-83, S. 1.)

History: P.A. 08-83 amended Subsec. (a) by making provisions applicable to public works project contracts entered into on or after July 1, 2009, replacing provision re total cost of work with reference to Sec. 31-53(g), requiring proof in certified payroll form that new mechanic, laborer or worker has completed a 10-hour or more construction safety course and adding provision re new miner training program, amended Subsec. (b) by substituting "person" for "employee" and adding "or program", amended Subsec. (c) by adding "or in accordance with Federal Mine

Safety and Health Administration Standards" and setting new deadline of January 1, 2009, deleted former Subsec. (d) re "public building", added new Subsec. (d) re exemptions for public service company employees and delivery drivers who perform no labor other than delivery and made conforming and technical changes, effective January 1, 2009.

Notice

To All Mason Contractors and Interested Parties Regarding Construction Pursuant to Section 31-53 of the Connecticut General Statutes (Prevailing Wage)

The Connecticut Labor Department Wage and Workplace Standards Division is empowered to enforce the prevailing wage rates on projects covered by the above referenced statute.

Over the past few years the Division has withheld enforcement of the rate in effect for workers who operate a forklift on a prevailing wage rate project due to a potential jurisdictional dispute.

The rate listed in the schedules and in our Occupational Bulletin (see enclosed) has been as follows:

Forklift Operator:

- Laborers (Group 4) Mason Tenders operates forklift solely to assist a mason to a maximum height of nine feet only.
- Power Equipment Operator (Group 9) operates forklift to assist any trade and to assist a mason to a height over nine feet.

The U.S. Labor Department conducted a survey of rates in Connecticut but it has not been published and the rate in effect remains as outlined in the above Occupational Bulletin.

Since this is a classification matter and not one of jurisdiction, effective January 1, 2007 the Connecticut Labor Department will enforce the rate on each schedule in accordance with our statutory authority.

Your cooperation in filing appropriate and accurate certified payrolls is appreciated.

Sec. 31-55a Page 1 of 1

Statute 31-55a

You are here: DOL Web Site Wage and Workplace Standards Statute 31-55a

- Special Notice -

To All State and Political Subdivisions, Their Agents, and Contractors

Connecticut General Statute 31-55a - Annual adjustments to wage rates by contractors doing state work.

Each contractor that is awarded a contract on or after October 1, 2002, for (1) the construction of a state highway or bridge that falls under the provisions of section 31-54 of the general statutes, or (2) the construction, remodeling, refinishing, refurbishing, rehabilitation, alteration or repair of any public works project that falls under the provisions of section 31-53 of the general statutes shall contact the Labor Commissioner on or before July first of each year, for the duration of such contract, to ascertain the prevailing rate of wages on an hourly basis and the amount of payment or contributions paid or payable on behalf of each mechanic, laborer or worker employed upon the work contracted to be done, and shall make any necessary adjustments to such prevailing rate of wages and such payment or contributions paid or payable on behalf of each such employee, effective each July first.

- The prevailing wage rates applicable to any contract or subcontract awarded on or after October 1, 2002 are subject to annual adjustments each July 1st for the duration of any project which was originally advertised for bids on or after October 1, 2002.
- Each contractor affected by the above requirement shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.
- It is the *contractor's* responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's Web Site. The annual adjustments will be posted on the Department of Labor Web page: www.ctdol.state.ct.us. For those without internet access, please contact the division listed below.
- The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project. All subsequent annual adjustments will be posted on our Web Site for contractor access.

Any questions should be directed to the Contract Compliance Unit, Wage and Workplace Standards Division, Connecticut Department of Labor, 200 Folly Brook Blvd., Wethersfield, CT 06109 at (860)263-6790.

←-- Workplace Laws

Published by the Connecticut Department of Labor, Project Management Office

Last Updated: April 22, 2010

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131 Addison Road

Minimum Rates and Classifications for Building Construction

B 14292

Connecticut Department of Labor Wage and Workplace Standards Division

By virtue of the authority vested in the Labor Commissioner under provisions of Section 31-53 of the General Statutes of Connecticut, as amended, the following are declared to be the prevailing rates and welfare payments and will apply only where the contract is advertised for bid within 20 days of the date on which the rates are established. Any contractor or subcontractor not obligated by agreement to pay to the welfare and pension fund shall pay this amount to each employee as part of his/her hourly wages.

Project Number: GL-2011-11 Project Town Glastonbury

State#: FAP#:

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And

131 Addison Road

CLASSIFICATION Hourly Rate Benefits

1a) Asbestos Worker/Insulator (Includes application of insulating materials, protective coverings, coatings, & finishes to all types of mechanical systems; application of firestopping material for wall openings & penetrations in walls, floors, ceilings - Last updated 9/1/08

34.21 19.81

1b) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters.**See Laborers Group 7**

2) Boilermaker 34.94 19.00

Addison Road		
3a) Bricklayer, Cement Mason, Concrete Finisher (including caulking), Stone Masons	32.43	21.19 + a
3b) Tile Setter	31.56	19.97
3c) Terrazzo Mechanics and Marble Setters	31.69	22.35
3d) Tile, Marble & Terrazzo Finishers	25.29	17.12
3e) Plasterer	32.43	21.19
LABORERS		

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131 Addison Road		
4) Group 1: Laborers (common or general), carpenter tenders, wrecking laborers, fire watchers.	25.00	15.00
4a) Group 2: Mortar mixers, plaster tender, power buggy operators, powdermen, fireproofer/mixer/nozzleman, fence erector.	25.25	15.00
4b) Group 3: Jackhammer operators, mason tender (brick) and mason tender (cement/concrete)	25.50	15.00
4c) **Group 4: Pipelayers (Installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license) (the pipelayer rate shall apply only to one or two employees of the total crew who primary task is to actually perform the mating of pipe sections)[If using this classification call the Labor Department for clarification]	26.00	15.00
4d) Group 5: Air track operators, Sand blasters	25.75	15.00
4e) Group 6: Nuclear toxic waste removers, blasters	28.00	15.00

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131 Addison Road			
4f) Group 7: Asbestos removal and encapsulation (except it's removal from mechanical systems which are not to be scrapped)	26.00	15.00	
4g) Group 8: Bottom men on open air caisson, cylindrical work and boring crew	25.50	15.00	
4h) Group 9: Top men on open air caisson, cylindrical work and boring crew	25.00	15.00	
5) Carpenter, Acoustical Ceiling Installation, Soft Floor/Carpet Laying, Metal Stud Installation, Form Work and Scaffold Building, Drywall Hanging, Modular-Furniture Systems Installers, Lathers, Piledrivers, Resilient Floor Layers.	29.03	18.57	
5a) Millwrights	29.78	18.61	
6) Electrical Worker (including low voltage wiring) (Trade License required: E1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	35.40	20.76	

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131 Addison Road			
7a) Elevator Mechanic (Trade License required: R-1,2,5,6)	43.57	20.035+a+b	
LINE CONSTRUCTION			
Groundman	23.80	3% + 13.70	
Linemen/Cable Splicer	43.28	3% + 13.70	
•			
9) Clarier (Trade License required: EC 12)	32.03	15 40 + 0	
8) Glazier (Trade License required: FG-1,2)	32.03	15.40 + a	
9) Ironworker, Ornamental, Reinforcing, Structural, and Precast Concrete Erection	33.00	26.58 + a	

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131 Addison Road

----OPERATORS----

Group 1: Crane handling or erecting structural steel or stone, hoisting engineer 2 drums or over, front end loader (7 cubic yards or over); work boat 26 ft. and over. (Trade License Required)	35.05	18.60 + a
Group 2: Cranes (100 ton rate capacity and over); Backhoe/Excavator over 2 cubic yards; Piledriver (\$3.00 premium when operator controls hammer). (Trade License Required)	34.73	18.60 + a
Group 3: Excavator; Backhoe/Excavator under 2 cubic yards; Cranes (under 100 ton rated capacity), Grader/Blade; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085 or similar); Grader Operator; Bulldozer Fine Grade. (slopes, shaping, laser or GPS, etc.).	33.99	18.60 + a
Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper).	33.60	18.60 + a
Group 5: Specialty Railroad Equipment; Asphalt Paver; Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder; Well Digger; Milling Machine (over 24" Mandrell)	33.01	18.60 + a

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131 Addison Road			
Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller; Pile Testing Machine.	33.01	18.60 + a	
Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	32.70	18.60 + a	
Group 7: Asphalt roller, concrete saws and cutters (ride on types), vermeer concrete cutter, Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and under Mandrell).	32.36	18.60 + a	
Group 8: Mechanic, grease truck operator, hydroblaster; barrier mover; power stone spreader; welding; work boat under 26 ft.; transfer machine.	31.96	18.60 + a	
Group 9: Front end loader (under 3 cubic yards), skid steer loader regardless of attachments, (Bobcat or Similar): forklift, power chipper; landscape equipment (including Hydroseeder).	31.53	18.60 + a	
Group 10: Vibratory hammer; ice machine; diesel and air, hammer, etc.	29.49	18.60 + a	

Addison Road		0.1
Group 11: Conveyor, earth roller, power pavement breaker (whiphammer), robot demolition equipment.	29.49	18.60 + a
Group 12: Wellpoint operator.	29.43	18.60 + a
Group 13: Compressor battery operator.	28.85	18.60 + a
Group 14: Elevator operator; tow motor operator (solid tire no rough terrain).	27.71	18.60 + a
Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	27.30	18.60 + a
Group 16: Maintenance Engineer/Oiler.	26.65	18.60 + a

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hil Addison Road	l Road And 1	31
Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	30.96	18.60 + a
Group 18: Power safety boat; vacuum truck; zim mixer; sweeper; (Minimum for any job requiring a CDL license).	28.54	18.60 + a
PAINTERS (Including Drywall Finishing)		
10a) Brush and Roller	28.47	15.40
10b) Taper/Drywall Finisher	29.22	15.40
10c) Paperhanger and Red Label	28.97	15.40

Addison Road		.02
10e) Spray	31.47	15.40
11) Plumber (excluding HVAC pipe installation) (Trade License required: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2)	37.62	22.51
12) Well Digger, Pile Testing Machine	33.01	18.60 + a
13) Roofer (composition)	31.10	15.31
14) Roofer (slate & tile)	31.60	15.31
15) Sheetmetal Worker (Trade License required for HVAC and Ductwork: SM-1,SM-2,SM-3,SM-4,SM-5,SM-6)	31.88	27.63

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131 Addison Road		
16) Pipefitter (Including HVAC work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4, G-1, G-2, G-8 & G-9)	37.62	22.51
TRUCK DRIVERS		
17a) 2 Axle	27.88	14.53 + a
17b) 3 Axle, 2 Axle Ready Mix	27.98	14.53 + a
17c) 3 Axle Ready Mix	28.03	14.53 + a

28.08

14.53 + a

17d) 4 Axle, Heavy Duty Trailer up to 40 tons

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131 Addison Road		
17e) 4 Axle Ready Mix	28.13	14.53 + a
17f) Heavy Duty Trailer (40 Tons and Over)	28.33	14.53 + a
	20.12	14.52
17g) Specialized Earth Moving Equipment (Other Than Conventional Type on-the-Road Trucks and Semi-Trailers, Including Euclids)	28.13	14.53 + a
18) Sprinkler Fitter (Trade License required: F-1,2,3,4)	40.50	16.85 + a

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131 Addison Road

Welders: Rate for craft to which welding is incidental.

*Note: Hazardous waste removal work receives additional \$1.25 per hour for truck drivers.

**Note: Hazardous waste premium \$3.00 per hour over classified rate

Crane with 150 ft. boom (including jib) - \$1.50 extra

Crane with 200 ft. boom (including jib) - \$2.50 extra

Crane with 250 ft. boom (including jib) - \$5.00 extra

Crane with 300 ft. boom (including jib) - \$7.00 extra

Crane with 400 ft. boom (including jib) - \$10.00 extra

All classifications that indicate a percentage of the fringe benefits must be calculated at the percentage rate times the "base hourly rate".

Apprentices duly registered under the Commissioner of Labor's regulations on "Work Training Standards for Apprenticeship and Training Programs" Section 31-51-d-1 to 12, are allowed to be paid the appropriate percentage of the prevailing journeymen hourly base and the full fringe benefit rate, providing the work site ratio shall not be less than one full-time journeyperson instructing and supervising the work of each apprentice in a specific trade.

The Prevailing wage rates applicable to this project are subject to annual adjustments each July 1st for the duration of the project.

Each contractor shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.

It is the contractor's responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's website.

The annual adjustments will be posted on the Department of Labor's Web page: www.ct.gov/dol

The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project.

All subsequent annual adjustments will be posted on our Web Site for contractor access.

Project: Asbestos Removal At 429 Marlborough Road, 68 Matson Hill Road And 131 Addison Road

Effective October 1, 2005 - Public Act 05-50: any person performing the work of any mechanic, laborer, or worker shall be paid prevailing wage

All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification.

All certified payrolls must list the hours worked and wages paid to All Persons who perform work ON SITE regardless of their ownership i.e.: (Owners, Corporate Officers, LLC Members, Independent Contractors, et. al)

Reporting and payment of wages is required regardless of any contractual relationship alleged to exist between the contractor and such person.

~~Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clause (29 CFR 5.5 (a) (1) (ii)).

Please direct any questions which you may have pertaining to classification of work and payment of prevailing wages to the Wage and Workplace Standards Division, telephone (860)263-6790.

Connecticut Department of Labor Wage and Workplace Standards Division FOOTNOTES

Please Note: If the "Benefits" listed on the schedule for the following occupations includes a letter(s) (+ a or + a+b for instance), refer to the information below.

Benefits to be paid at the appropriate prevailing wage rate for the listed occupation.

If the "Benefits" section for the occupation lists only a dollar amount, disregard the information below.

Bricklayers, Cement Masons, Cement Finishers, Concrete Finishers (including caulking), Stone Masons

(Building Construction) and (Residential- Hartford, Middlesex, New Haven, New London and Tolland Counties)

a. Paid Holiday: Employees shall receive 4 hours for Christmas Eve holiday provided the employee works the regularly scheduled day before and after the holiday. Employers may schedule work on Christmas Eve and employees shall receive pay for actual hours worked in addition to holiday pay.

Bricklayer (Residential- Fairfield County)

a. Paid Holiday: If an employee works on Christmas Eve until noon he shall be paid for 8 hours.

Electricians

Fairfield County: West of the Five Mile River in Norwalk

a. \$2.00 per hour not to exceed \$14.00 per day.

Elevator Constructors: Mechanics

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, Christmas Day, plus the Friday after Thanksgiving.
- b. Vacation: Employer contributes 8% of basic hourly rate for 5 years or more of service or 6% of basic hourly rate for 6 months to 5 years of service as vacation pay credit.

a. Paid Holidays: Labor Day and Christmas Day.

Power Equipment Operators

(Heavy and Highway Construction & Building Construction)

a. Paid Holidays: New Year's Day, Good Friday, Memorial day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday. Holidays falling on Saturday may be observed on Saturday, or if the employer so elects, on the preceding Friday.

Ironworkers

a. Paid Holiday: Labor Day provided employee has been on the payroll for the 5 consecutive work days prior to Labor Day.

Laborers (Tunnel Construction)

a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. No employee shall be eligible for holiday pay when he fails, without cause, to work the regular work day preceding the holiday or the regular work day following the holiday.

Roofers

a. Paid Holidays: July 4th, Labor Day, and Christmas Day provided the employee is employed 15 days prior to the holiday.

Sprinkler Fitters

a. Paid Holidays: Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day, provided the employee has been in the employment of a contractor 20 working days prior to any such paid holiday.

Truck Drivers

(Heavy and Highway Construction & Building Construction)

a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas day, and Good Friday, provided the employee has at least 31 calendar days of service and works the last scheduled day before and the first scheduled day after the holiday, unless excused.

Attachment B

Pre-Demolition ACM and Lead Based Paint Survey For 429 Marlborough Road Prepared by Triton Environmental, LLC



June 30, 2009

Mr. Daniel Pennington, PE Town Engineer/Manager of Physical Services Town of Glastonbury 2155 Main Street Glastonbury, CT 06033

Subject:

Pre-Demolition ACM and Lead-Based Paint Survey

429 Marlborough Road - Glastonbury, Connecticut

Dear Mr. Pennington:

Triton Environmental, Inc. (Triton) has completed a survey for the potential presence of asbestos containing materials (ACM) and lead-based paint (LBP) at the former Arbor Acres property located at 429 Marlborough Road in Glastonbury, Connecticut (the site). The approximate location of the site is depicted on Figure 1. The purpose of the survey was to attempt to identify the presence of ACM and LBP within the existing buildings that may be present at concentrations that would require special handling and disposal during building demolition activities.

Asbestos Containing Materials (ACM) Discussion and Results

The site consists of an approximate 75-acre parcel (former poultry farm) and is developed with 18 site buildings. The asbestos survey was completed for each of the site buildings in accordance with Environmental Protection Agency (EPA) and State of Connecticut regulations. The ACM survey was performed by licensed asbestos inspectors (State of Connecticut license # 000015, 000249, and 000661). A walk through of the building structures was first completed to establish the locations of various suspect ACM. Once the location and quantity of each suspect ACM was documented, representative samples of each ACM were collected. Since the survey was performed for demolition purposes, destructive sampling techniques were used in select locations in an attempt to observe and obtain samples of suspect building materials.

The EPA recommends that a minimum of three 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 three linear or square feet) is present. In accordance with this protocol, suspect ACM samples were collected and submitted to Environmental Hazards Services, LLC (EHS), a licensed analytical laboratory. The samples were analyzed via the Polarized Light Microscopy (PLM) method (EPA 600/R-93/116 Method).

The survey was performed during an approximately two week period from May 18 through June 1, 2009. A total of 810 suspect ACM samples obtained from the 18 site buildings

were collected and submitted to EHS for PLM bulk analysis (see Figure 2). The following table summarizes the PLM bulk analysis results for positive ACM detections. Analytical results may be found in the Mystic Air Quality Consultants (MAQC) analytical reports included as Appendix A.

Summary of Identified Asbestos Containing Materials 429 Marlborough Road – Glastonbury, CT

Sample Nos.	Material Type	Sample Location	Asbestos Content (%)	Material Quantity (Approx)
		Main Office Building		
4-6	1x1 White Floor Tile/Mastic	Lobby #1 and Room #2- top layer Hallway #3, 4 - only layer Room #3 - under plywood, bottom layer	3% Chrysotile 3% Total Asbestos	~5,200 SF
7-9	9x9 Green Floor Tile/ Mastic	Lobby #1, Room #2 - bottom layer Offices 1-6 - only layer	4% Chrysotile 4% Total Asbestos	~2,050 SF
10-12	9x9 Red Floor Tile/Mastic	Waiting Room & Office #7 - only layer	4-5% Chrysotile 4-5% Total Asbestos	~345 SF
13-15	9x9 Tan Floor Tile/Mastic	Hallway #1 – only layer	5% Chrysotile 5% Total Asbestos	~820 SF
16-18	Linoleum	Room #3 - top layer	20% Chrysotile 20% Total Asbestos	~455 SF
22-24	9x9 Tan Floor Tile/Yellow Mastic	Office #10 & #11 - only layer	4% Chrysotile 4% Total Asbestos	~140 SF
25-27	9x9 White Floor Tile/Black Mastic	Offices 8, 26, 29 - only layer	5% Chrysotile 5% Total Asbestos	~895 SF
28-30	9x9 Light Tan Floor Tile/Black Mastic	Office #9 & Hallway #6	4% Chrysotile 4% Total Asbestos	~1,610 SF
37-39	Tan Floor Tile	Storage Room #3	2% Chrysotile 2% Total Asbestos	~60 SF
40-42	Linoleum & mastic	Room #4	2% Chrysotile* 2% Total Asbestos	~285 SF
43-45	Transite Panels/Wall &	Storage Rm. #4 & #33 - ceiling only	20% Chrysotile 20% Total	~2,100 SF

	Ceiling		Asbestos	
46-48	Floor tile	Room B – Section 1D - Basement	4% Chrysotile 4% Total Asbestos	~220 SF
49-51	Floor Tile/Black Mastic	Room C – Section 1D - Basement	4% Chrysotile 4% Total Asbestos	~720 SF
69-71	Mastic/Light Grey Cove Base	Offices #1-7, Open Room C, Hallway #9 & #10, Main Entrance Stairwell -2 nd Floor	2% Chrysotile 2% Total Asbestos	~1,780 LF
101	Pipe Insulation	Bottom of Basement #2 Stairs - pipe elbow behind wall	60% Chrysotile 60% Total Asbestos	1 elbow
102-104	Flashing Tar	Interior – top of wall in open rooms – levels #1 and #2	10% Chrysotile 10% Total Asbestos	~50 SF
107-109	Glazing	Exterior Windows	2% Chrysotile 2% Total Asbestos	25 Window
114-115	Silver Paint	Built Up Roofing - Roof B	3% Chrysotile 3% Total Asbestos	~7,000 SF
119	Silver Paint	Built Up Roofing - Roof A	2% Chrysotile, 2% Total Asbestos	~10,000 SI
120-122	Tar-Silver Paint	Siding of Tower - Roof A	7% Chrysotile 7% Total Asbestos	~250 SF
126-128	Flashing	All Roofs - around penetrations, seams, edges, bottom of ducts & rolled on roofing	8% Chrysotile 8% Total Asbestos	~1,000 SF
		Truck Wash Building		
10-12	Roof Flashing	Roofs #1 & #2 - around penetrations	5% Chrysotile 5% Total Asbestos	~20 SF
	L	aboratory Storage Building		
1-5	1x1 Floor Tile Mastic	Hallway #1, Main Room #1, Room #2, Offices 1-4, men's & women's bathrooms	3% Chrysotile 3% Total Asbestos	~1,250 SF

12-14	Transite Panels	Throughout building except basement & equipment storage	20% Chrysotile 20% Total Asbestos	~7,350 SF
32-34	Exterior Window Caulking	Room #1	2% Chrysotile 2% Total Asbestos	6 Windows
51-53, 60-62	Tar-Silver Roofing Paint	Flat Roof	4-15% Chrysotile, 4- 15% Total	~7,250 SF
54-56	Flashing	Around Penetrations & on concrete wall - Flat Roof	15-18% Chrysotile, 15- 18% Total	~50 SF
57-59	Roof Tar	Seams of rolled roofing & Patching - Flat Roof	4% Chrysotile 4% Total Asbestos	~1,000 SF
		Shower/Laundry Building		
36-38	Silver Paint	Top Layer on Flat Roofs 1 & 2 – built up roofing	2% Chrysotile 2% Total Asbestos	~3,000 SF
39-41	Flashing	Around Penetrations, patches & edges of Flat Roofs	15% Chrysotile 15% Total Asbestos	~150 SF
46	Furnace Cement	Furnace Room and around furnace pipe	55% Chrysotile 55% Total Asbestos	~6 SF
47	Silver Paint	On Penetrations on Flat Roof	5% Chrysotile 5% Total Asbestos	~3 SF
		Production Office		
1-3	Transite Panel	Above Drop Ceilings – Rooms #1, #2	20% Chrysotile 20% Total Asbestos	~800 SF
13-15	1x1 Floor Tile & Mastic	Open Room #1 – only layer	5% Actinolite 5% Total Asbestos	~1,000 SF
19-21	Floor Tile	Bath #1 & #2	3% Chrysotile 3% Total Asbestos	~160 SF
22-24	2x4 Transite Panels	Drop Ceiling Panels – Room 10, furnace & panel room	18% Chrysotile 18% Total Asbestos	~380 SF
28-30, 32	Built Up Roofing	Main Roof - all Layers	4% Chrysotile 4% Total Asbestos	~5,508 SF

34-36	Flashing	Around Penetrations & Edges of Roof	12% Chrysotile 12% Total Asbestos	~350 SF
	有一种。	Poultry House #45		
4-6	Flashing Tar - Silver Brittle Coating	Roof	2-7% Chrysotile 2-7% Total Asbestos**	~1,000 S
		Poultry House #49		
7-9	Silver Paint	On Roofing	2% Chrysotile 2% Total Asbestos**	ALL
10-12	Flashing Tar	On Roof	4% Chrysotile 4% Total Asbestos	~1,000 S
		Poultry House #55		
1-3	Transite Panels	3 rd Floor Room - next to Front Entrance – Wall and ceiling panels	25% Chrysotile 25% Total Asbestos	~300
4-6, 10	Silver Paint	On Built up Roofing – around hatch and ceramic trim	<1% Chrysotile <1% Total Asbestos**	All
7-9	Flashing	Edge and Trim of Roofing Field	<1% Chrysotile <1% Total Asbestos**	~200 SF
		Residential Apartment #2		
4-6	Flooring Material beneath Plywood	Kitchen	2% Chrysotile 2% Total Asbestos	~180 SF
		Residential Apartment #4		
22-24	Flooring Material beneath Plywood	Kitchen	4% Chrysotile 4% Total Asbestos	~150 SF
25-27	Flooring Material Beneath Plywood	Bedroom	5% Chrysotile 5% Total Asbestos	~80 SF
		Residential House #1		
14-16	Linoleum	Hallway and Basement Stairs – Top Layer	20% Chrysotile 20% Total Asbestos	~80 SF

29-31	Flooring	Room 4	2% Chrysotile 2% Total Asbestos	~40 SF
		Furnace Building		
10	Flue Cement	Around Furnace Pipe on Wall	70% Chrysotile 70% Total Asbestos	~5 SF
		Residential House #2		
13-15	Roof Flashing	Roof Seams & Around Chimney	15% Chrysotile 15% Total Asbestos	All
22-24	1x1 Black and Off White Floor Tile	Kitchen #1	2% Chrysotile 2% Total Asbestos	~155 SI
25-27	Textured Paint	Dining Room #1	2% Chrysotile 2% Total Asbestos	~370 SI
52-54	9x9 Black Tile	Sun Room	5% Chrysotile 5% Total Asbestos	~180 S
		Residential House #3		
23-25	Linoleum	First Floor Kitchen and Hallway	18% Chrysotile 18% Total Asbestos	~350 SI
35-37	Linoleum	Second Floor Bathroom #3	45% Chrysotile 45% Total Asbestos	~75 SF
41-43	Joint Compound	Bathroom #3	<1% Chrysotile <1% Total Asbestos†	~75 SF
53-55	Floor Tile	Bathroom #5	3% Chrysotile 3% Total Asbestos	~60 SF
59-61	Mastic on Cove Base	Throughout Basement – except bathroom #5	3% Chrysotile 3% Total Asbestos	~130 Ll
68-70	Roof Flashing Tar	Around penetrations on Roof	12% Chrysotile 12% Total Asbestos	~20 SF
		Residential House #4		
20-22	Cream/Beige Linoleum & Mastic	Second Floor Room 8 – Bath & Room 9 – Shower Room	25% Chrysotile 25% Total Asbestos	~50 SF

26-28	Brown 9x9 Floor Tile	Basement	4% Chrysotile 4% Total Asbestos	~400 SF
29-31	Beige Linoleum	Kitchen & Room 3	20% Chrysotile 20% Total Asbestos	~400 SF
		Residential Apartment #6		
10-12	Glazing	Exterior Windows	<1% Chrysotile <1% Total Asbestos	10 Windows
25-27	Linoleum/Mastic Beneath Plywood	Baths #1 & 2, Kitchens #1 & 2, and Living room #1	20% Chrysotile 20% Total Asbestos	~225 SF
28-30	Floor Tile Beneath Plywood	Both Baths, Kitchens, Living Rooms – bottom layer * under two layers of plywood except in living room #2	3% Chrysotile 3% Total Asbestos	~400 SF
		Residential Apartment #5		
22-24	Linoleum/Mastic Beneath Plywood	Bathroom	20% Chrysotile 20% Total Asbestos	~180 SF

LF = Linear Feet

Special Considerations

- Main Office Building Any of the non-asbestos roofing materials with flashing, roof
 tar or silver paint attached will need to be treated as asbestos-contaminated and be cut
 out with it when abated.
- Truck Wash Building Any of the non-asbestos roofing materials with flashing attached will need to be treated as asbestos-contaminated and be cut out with it when abated.
- Laboratory Storage Building Any of the non-asbestos roofing materials with flashing, roof tar or silver paint attached will need to be treated as asbestoscontaminated and be cut out with it when abated.
- Shower Laundry Building Any of the non-asbestos roofing materials with flashing or silver paint attached will need to be treated as asbestos-contaminated and be cut out with it when abated.

SF = Square Feet

^{*} Possible contamination from fibrous backing.

^{**} Trace, chrysotile present in tar-like material and/or 2 to 3% chrysotile present in silver paint material.

^{*** 4} to 5% chrysotile present in silver paint.

^{**** 9%} chrysotile present in brown fibrous material.

^{† 2%} chrysotile present in the gray joint compound like material over white texture.

- Production Office Any of the non-asbestos roofing materials with flashing attached will need to be treated as asbestos-contaminated and be cut out with it when abated.
- Poultry House, Building #45 Any of the non-asbestos roofing materials with flashing or silver brittle surface coating attached will need to be treated as asbestoscontaminated and be cut out with it when abated.
- Poultry House, Building #49 Any of the non-asbestos roofing materials with flashing or silver paint attached will need to be treated as asbestos-contaminated and be cut out with it when abated.
- Poultry House, Building #55 Any of the non-asbestos roofing materials with flashing or silver paint attached will need to be treated as asbestos-contaminated and be cut out with it when abated.
- Residential House #2 Any of the non-asbestos roofing materials with flashing attached will need to be treated as asbestos-contaminated and be cut out with the flashing when abated.
- Residential House #3 The sheetrock is not asbestos. However, because the joint compound is asbestos, the sheetrock should not be sanded, abraded, or ground and only properly trained workers are to be involved in renovation/demolition activities. When demolition occurs the sheetrock system may be disposed of as non-asbestos waste.
- Residential House #4 ACM was identified in the linoleum and mastic on the second floor (Room 8 and Room 9 shower room), 9x9 basement floor tile, and linoleum in kitchen and Room 3 (samples 20A/B, 26A, 27B, 28B, and 29A). Materials not referred to as asbestos-containing in this area can be treated as such.
- Furnace Building ACM was identified in the flue cement around the furnace pipe on the wall (sample 10). Materials not referred to as asbestos-containing in this area can be treated as such.

Lead Based Paint (LBP) Testing Results and Discussion

TCLP lead sampling at the site to determine if debris generated from the demolition of buildings at the site would be suitable for landfill disposal or if it would require special handling as a hazardous waste. A total of fifteen composite building material samples (such as wood, drywall, plaster, glass, metal, etc.) were collected in representative weight proportions to those present in the expected building demolition debris.

The results of the TCLP lead-based paint survey indicate that no TCLP lead was detected at concentrations equal to or greater than 5.0 mg/L. Therefore, lead-based paint waste materials will not require special handling.

Recommendations

Based on the results of this survey, ACM were found within all of the site structures at 429 Marlborough Road in Glastonbury, Connecticut, with the exception of the vehicle maintenance garage, Apartment #1 and Apartment #3. Triton recommends the removal and off-site disposal of identified ACM by a licensed State of Connecticut asbestos abatement contractor prior to any demolition or renovation work being conducted. Preliminary ACM abatement costs have been provided in the attached Table.

Limitations

This survey was completed for demolition purposes and involved the use of destructive sampling techniques to investigate suspect ACM. Although efforts were made to inspect all building materials, it should be noted that ACM might be present behind fixed building components such as walls, ceilings, and floors that were not accessed. If suspect ACM is encountered during demolition activities, demolition work should be halted until the suspect ACM is sampled and analyzed.

Triton has relied upon information provided by subcontractors (testing laboratories) in completing the ACM and LBP survey. Triton provides no warranty regarding the accuracy and completeness of the information provided by subcontractors.

This letter is intended solely to summarize the results of the Pre-Demolition ACM and Lead-Based Paint Survey conducted at the site. This letter is not intended to serve as a technical specification for building demolition and should not be used as such. All demolition activities should be conducted in accordance with all applicable local, State, and Federal regulations and OSHA guidelines.

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,

Darby Hittle, LEP

Senior Project Manager

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

Figure 1

Site Location Map

Figure 2

Site Plan Showing Building Locations

Table 1

ACM Abatement Cost Summary

Appendix A

Testing and Laboratory Reports



1204 North Road (Rt. 117) Groton, Connecticut 06340

June 5, 2009

Mr. Frank Kehoe Triton Environmental 385 Church Street, Suite 201 Guilford, Connecticut 06437

Re: Pre-Demo/Renovation Asbestos Survey and TCLP Analysis (5/27/09)

429 Marlborough Road; Glastonbury, Connecticut; Location: Main Office Building

Dear Mr. Kehoe:

As requested, Mystic Air Quality Consultants, Inc. conducted a survey of accessible materials prior to demolition at the location noted above. This survey was directed on May 27, 2009, by our State of Connecticut licensed asbestos inspector, Christopher Eident, (license # 000015) to determine the presence of asbestos-containing materials. The samples were analyzed at Environmental Hazards Services (NVLAP # 101882-0) in Virginia.

In addition to the asbestos survey, composites or TCLP samples were collected and analyzed for lead to determine if the demolition materials would have to be considered lead waste. The sample analysis was also done by Environmental Hazards Services.

Summary of the Asbestos Findings- Upon testing by polarized light microscopy, the following materials were found to be asbestos containing:

Sample #	s <u>Material/Location</u> <u>Esti</u>	mated Affected Area
4 – 6	Mastic/1x1 white floor tile –Lobby #1 and Room #2 –top layer –Hallway #3, 4 –only layer, Room #3 –under plywood bottom	5,200 sq. ft. /
7-9	9x9 Green floor tile and mastic/Lobby #1 & Room #2 –bottom layer Offices 1 – 6 –only layer	2,050 sq. ft. 🗸
10 - 12	9x9 Red floor tile and mastic/Waiting Room & Office #7 -only laye	r 345 sq. ft.
13 – 15	9x9 Tan floor tile/Hallway #1 –only layer	820 sq. ft. √
16 – 18	Linoleum/Room #3top layer	455 sq. ft.
22 - 24	9x9 Tan floor tile/Office #10 & #11 -only layer	140 sq. ft. ✓
25 - 27	9x9 White floor tile & mastic/Offices #8, #26 -29 -only layer	895 sq. ft. 🗸
28 - 30	9x9 Light tan floor tile/Office #9 & Hallway #6	1, 610 sq. ft. 🗸
37 – 39	Tan floor tile/Storage Room #3	60 sq. ft. ∨
40 – 42	Linoleum & mastic/Room #4	285 sq. ft. √
43 – 45	Transite Panels/Wall & Ceiling -Storage Rm. #4 & #33 -ceiling only	2, 100 sq. ft. <
46 – 48	Floor tile/Room B -Section 1D -Basement	220 sq. ft.
49 – 51	Floor tile & mastic/Room CSection 1DBasement	720 sq. ft.
	Mastic/ Light grey cove base –Offices #1-7, Open Room C, Hallway #9 & #10, Main Entrance Stairwell -2 nd floor ns (24 hours):	1, 780 linear ft.
oatio	(2) 110010).	

Office: (860) 449-8903

FAX: (860) 449-8860

Toll Free: 1 (800) 247-7746

website: www.mysticair.com

e-mail:maqc2@aol.com



1204 North Road (Rt. 117) Groton, Connecticut 06340

Sample #	s Material/Location	Estimated Affected Area
101	Pipe Insulation/Bottom of basement #2 stairs -pipe elbow behind	wall 1 elbow
102-104	Flashing Tar/Interior -top of wall in open rooms –levels #1 & #2	50 sq. ft.
107–109	Glazing/Exterior Windows	25 windows
114–115	Silver Paint/Built-up roofing -Roof B	7,000 sq. ft.
119	Silver Paint/Built-up roofingRoof A	10,000 sq. ft.
120–122	Tar-Silver Paint/Siding of Tower -Roof A	250 sq. ft.
126–128	Flashing/All Roofs –around penetrations, seams, edges, bottom of ducts & on rolled roofing	1,000 sq. ft.

Special Considerations

Any of the non-asbestos roofing materials with flashing, roof tar or silver paint attached will need to be treated as asbestos-contaminated and be cut out with it when abated.

Non-asbestos containing materials

The roster of suspect materials (Enclosure 3), lists the materials tested. Those that are not already referred to as asbestos containing or assumed asbestos, can be categorized as non-asbestos containing materials. See Enclosure 1 for asbestos lab results, Enclosure 2 for chain of custody, Enclosure 4 for inspector's diagram, Enclosure 5 for TCLP results and chain of custody.

Implications of the findings

As required by state and federal regulations prior to renovation or demolition, any asbestoscontaining materials listed above that could be disturbed by a renovation, will need to be removed by a licensed asbestos abatement contractor employing trained and certified personnel who follow all pertinent asbestos abatement regulations.

Limitations of the Asbestos survey

This survey and report only deal with accessible areas of the building. Additionally, there may be other non-accessible materials above ceilings, behind walls, and below floors that become evident during your renovation activity. Should the requisite EPA/OSHA competent person working for the contractor discover such materials they will need to be tested for asbestos content so determinations of their abatement and disposal (if required) can be made.

TCLP Analysis results

The results of the TCLP analyses indicate that the building materials subsequent to demolition do not need to be disposed of as lead waste. The sample results were <u>below</u> the EPA's TCLP standard of 5 mg/l for lead.

Please do not hesitate to contact us with questions relating to the sample results. We thank you for the opportunity to conduct this survey.

Sincerely,

Christopher J. Eident CIH, CSP, RS

CEO

Communications (24 hours):

website: www.mysticair.com

Office: (860) 449-8903

FAX: (860) 449-8860

Toll Free: 1 (800) 247-7746

e-mail:maqc2@aol.com

7469 WHITE PINE ROAD - RICHMOND, VA 23237 804-275-4788 FAX 804-275-4907

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT:

Mystic Air Quality Consultants

1204 North Road, Rt. 117

Groton, CT 06340

DATE OF RECEIPT:

29 May 2009

DATE OF ANALYSIS: 30 May 2009

DATE OF REPORT:

01 Jun 2009

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-1357

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01 <u>A</u>	1 (a)-Cove Base/ Gray Vinyl	NAD	100% Non-Fibrous
01B	1 (b)-Mastic/ Tan/Yellow/Brown Adhes.	Trace, <1% Chrysotile <1% Total Asbestos	2% Cellulose 98% Non-Fibrous
02A	2 (a)-Cove Base/ Gray Vinyl	NAD	100% Non-Fibrous
02B	2 (b)-Mastic/ Tan/Yellow Adhes.	NAD	3% Cellulose 97% Non-Fibrous
03A	3 (a)-Cove Base/ Gray Vinyl	NAD	100% Non-Fibrous
03B	3 (b)-Mastic/ Tan/Yellow/Brown Adhes.	Trace, <1% Chrysotile <1% Total Asbestos	3% Cellulose 97% Non-Fibrous
04A	4 (a)-Tile/ Tan Vinyl	NAD	100% Non-Fibrous
04B	4 (b)-Mastic/ Black Tar-Like	3% Chrysotile 3% Total Asbestos	5% Cellulose 92% Non-Fibrous
05A	5 (a)-Tile/ Tan Vinyl	NAD	100% Non-Fibrous
05B	5 (b)-Mastic/	DID NOT ANALYZE	
06A	6 (a)-Tile/ Tan Vinyl	NAD	100% Non-Fibrous
06B	6 (b)-Mastic/	DID NOT ANALYZE	
07A	7 (a)-Tile/ Green Vinyl	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous

CLIENT NUMBER: EHS PROJECT #;

7-2564 SB 2009-05-1357

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
07B	7 (b)-Mastic/ Black Tar-Like	6% Chrysotile 6% Total Asbestos	3% Cellulose 91% Non-Fibrous
08	8/	DID NOT ANALYZE	
09	9/	DID NOT ANALYZE	•
10A	10 (a)-Tile/ Brown Vinyl	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
10B	10 (b)-Mastic/ Black Tar-Like	5% Chrysotile 5% Total Asbestos	4% Cellulose 91% Non-Fibrous
11	11/	DID NOT ANALYZE	
12	12/	DID NOT ANALYZE	
13A	13 (a)-Tile/ Tan Vinyl	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
13B	13 (b)-Mastic/ Black Tar-Like	NAD	2% Cellulose 98% Non-Fibrous
14A	14 (a)-Tile/	DID NOT ANALYZE	
14B	14 (b)-Mastic/ Black Tar-Like	NAD	2% Cellulose 98% Non-Fibrous
15A	15 (a)-Tile/	DID NOT ANALYZE	
15B	15 (b)-Mastic/ Black Tar-Like	NAD	2% Cellulose 98% Non-Fibrous
16	16/ Tan Vinyl; Gray Fib.	20% Chrysotile 20% Total Asbestos	20% Cellulose 60% Non-Fibrous
17	17/	DID NOT ANALYZE	
18	18/	DID NOT ANALYZE	
19	19/ Brown Fib.	NAD	60% Cellulose 10% Fibrous Glass 30% Non-Fibrous
20	20/ Brown Fib.	NAD	60% Cellulose 10% Fibrous Glass 30% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-1357

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
21	21/ Brown Fib.	NAD	60% Cellulose 10% Non-Fibrous 30% Non-Fibrous
22A	22 (a)-Tile/ Tan Vinyl	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
22B	22 (b)-Mastic/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
23A	23 (a)-Tile/	DID NOT ANALYZE	
23B	23 (b)-Mastic/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
24A	24 (a)-Tile/	DID NOT ANALYZE	
24B	24 (b)-Mastic/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
25A	25 (a)-Tile/ Tan Vinyl	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
25B	25 (b)-Mastic/ Black Tar-Like	6% Chrysotile 6% Total Asbestos	3% Cellulose 91% Non-Fibrous
26	26/	DID NOT ANALYZE	
27	27/	DID NOT ANALYZE	•
28A	28 (a)-Tile/ Yellow Vinyl	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
28B	28 (b)-Mastic/ Black Tar-Like	NAD	2% Cellulose 98% Non-Fibrous
29A	29 (a)-Tile/	DID NOT ANALYZE	• .
29B	29 (b)-Mastic/ Black Ter-Like	NAD	2% Cellulose 98% Non-Fibrous
30A	30 (a)-Tile/	DID NOT ANALYZE	-
30B	30 (b)-Mastic/ Black Tar-Like	NAD	2% Cellulose 98% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-1357

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
31A	31 (a)-Tile/ Beige Vinyl	NAD	100% Non-Fibrous
31B	31 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
32A	32 (a) Tile/ Beige Vinyl	NAD	100% Non-Fibrous
32B	32 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
33A	33 (a)-Tile/ Beige Vinyl	NAD	100% Non-Fibrous
33B	33 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
34A	34 (a)-Tile/ Beige Vinyl	NAD	100% Non-Fibrous
34B	34 (b)-Mastic/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
35A	35 (a)-Tile/ Beige Vinyl	NAD	100% Non-Fibrous
35B	35 (b)-Mastic/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
36A	36 (a)-Tile/ Beige Vinyl	NAD	100% Non-Fibrous
36B	36 (b)-Mastic/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
37A	37 (a)-Tile/ Brown Vinyl	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous
37B	37 (b)-Mastic/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
38A	38 (a)-Tile/	DID NOT ANALYZE	
38B	38 (b)-Mastic/ Yellow Adhes.	NAD .	2% Cellulose 98% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT#;

2009-05-1357

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
39A	39 (a)-Tile/	DID NOT ANALYZE	
39B	39 (b)-Mastic/ Yellow Adhes.	NAD	3% Cellulose 97% Non-Fibrous
40A	40 (a)-Linoleum/ Brown Vinyl; White Fib.	25% Chrysotile 25% Total Asbestos	30% Cellulose 45% Non-Fibrous
40B	40 (b)-Mastic/ Yellow Adhes.	2% Chrysotile ★ 2% Total Asbestos ★Possible contamination from	2% Cellulose 96% Non-Fibrous fibrous backing.
41A	41 (a)-Linoleum/	DID NOT ANALYZE	
41B	41 (b)-Mastic/	DID NOT ANALYZE	
42A	42 (a)-Linoleum/	DID NOT ANALYZE	
42B	42 (b)-Mastic/	DID NOT ANALYZE	
43	43/ Gray Cementitious; Fib.	20% Chrysotile 20% Total Asbestos	80% Non-Fibrous
44	44/	DID NOT ANALYZE	
45	45/	DID NOT ANALYZE	
46A	46 (a)-Tile/ Brown Vinyl	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
46B	46 (b)-Mastic/ Black Adhes.	NAD	2% Cellulose 98% Non-Fibrous
47A	47 (a)-Tile/	DID NOT ANALYZE	
47B	47 (b)-Mastic/ Black Adhes.	NAD	2% Cellulose 98% Non-Fibrous
48A	48 (a)-Tile/	DID NOT ANALYZE	
48B	48 (b)-Mastic/ Black Adhes.	NAD	2% Cellulose 98% Non-Fibrous
49A	49 (a)-Tile/ Gray Vinyl	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous

CLIENT NUMBER: :HS PROJECT #: 7-2564 SB

PROJECT:

2009-05-1357 429 Marlborough Rd.; Main Office Bldg.; Glastonbury, CT

EHS	CLIENT SAMPLE #/	% ASBESTOS	OTHER MATERIALS
SAMPLE#	LABORATORY GROSS DESCRIPTION	N	
49B	49 (b)-Mastic/ Black Adhes.	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous
50A	50 (a)-Tile/	DID NOT ANALYZE	
50B	50 (b)-Mastic/	DID NOT ANALYZE	
51A	51 (a)-Tile/	DID NOT ANALYZE	
51B	51 (b)-Mastic/	DID NOT ANALYZE	
52	52/ White Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
53	53/ Brown Powder	NAD	6% Cellulose 94% Non-Fibrous
54	54/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
55	55/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
56	56/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
57	57/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
58	58/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
59	59/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
60	60/ Gray Powder; Brown Fib.	MAD	30% Cellulose 70% Non-Fibrous
61	61/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
62	62/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
63	63/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-1357

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
64	64/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
65	65/ Gray Powder, Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
66A	66 (a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
66B	66 (b)-Mastic/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
67A	67 (a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
67B	67 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
68A	68 (a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
68B	68 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
69A	69 (a)-Cove Base/ Gray Vinyl	NAD	100% Non-Fibrous
69B	69 (b)-Mastic/ Brown/Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
70A	70 (a)-Cove Base/ Gray Vinyl	NAD	100% Non-Fibrous
70B	70 (b)-Mastic/ Brown/Yellow Adhes.	2% Chrysotile 2% Total Asbestos	2% Cellulose 96% Non-Fibrous
71A	71 (a)-Cove Base/ Gray Vinyl	NAD	100% Non-Fibrous
71B	71 (b)-Mastic/	DID NOT ANALYZE	
72	72/ Brown Brittle; Adhes	NAD	2% Cellulose 98% Non-Fibrous
73	73/ Brown Brittle; Adhes.	NAD	2% Cellulose 98% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

THS PROJECT #:

2009-05-1357

₽ROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
74	74/ Brown Brittle; Adhes.	CAN	2% Cellulose 98% Non-Fibrous
75	75/ Beige/White Fib.	NAD	30% Cellulose 55% Fibrous Glass 15% Non-Fibrous
76	76/ Beige/White Fib.	NAD	30% Cellulose 55% Fibrous Glass 15% Non-Fibrous
77	77/ Beige/White Fib	NAD	30% Cellulose 55% Fibrous Glass 15% Non-Fibrous
78	78/ White Fib.	NAD	85% Fibrous Glass 15% Non-Fibrous
79	79/ White Fib.	NAD	85% Fibrous Glass 15% Non-Fibrous
80	80/ White Fib.	NAD	85% Fibrous Glass 15% Non-Fibrous
81A	81 (a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
81B	81 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
82A	82 (a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
82B	82 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
83A	83 (a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
83B	83 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
84	84/ White Chalky; Brown Fib.	NAD	10% Cellulose 5% Fibrous Glass 85% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-1357

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
85	85/ White Chalky; Brown Fib.	NAD	10% Cellulose 5% Fibrous Glass 85% Non-Fibrous
86	86/ White Chalky; Brown Fib.	NAD	10% Cellulose 5% Fibrous Glass 85% Non-Fibrous
87	87/ Gray Gran.	NAD	100% Non-Fibrous
88	88/ Gray Gran.	NAD	100% Non-Fibrous
89	89/ Gray Powder; Gray Fib.	NAD	45% Cellulose 55% Non-Fibrous
90	90/ Gray Powder; Gray Fib.	NAD	45% Cellulose 55% Non-Fibrous
91	91/ Gray Powder; Gray Fib.	NAD	45% Cellulose 55% Non-Fibrous
92A	92 (a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
92B	92 (b)-Mastic/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
93A	93 (a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
93B	93 (b)-Mastic/ Yellow Adhes	NAD	2% Cellulose 98% Non-Fibrous
94A	94 (a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
94B	94 (b)-Mastic/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
95A	95 (a)-Cove Base/ Black Vinyl	NAD	100% Non-Fibrous
95B	95 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-1357

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
96A	96 (a)-Cove Base/ Black Vinyl	NAD	100% Non-Fibrous
96B	96 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
97A	97 (a)-Cove Base/ Black Vinyl	NAD	100% Non-Fibrous
97B	97 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
98	98/ Gray Gran.	NAD	100% Non-Fibrous
99	99/ Gray Gran	NAD	100% Non-Fibrous
100	100/ Gray Gran.	NAD	100% Non-Fibrous
101	101/ Gray Fib.	60% Chrysotile 60% Total Asbestos	40% Non-Fibrous
102	102/ Black Tar-Like	10% Chrysotile 10% Total Asbestos	5% Cellulose 85% Non-Fibrous
103	103/	DID NOT ANALYZE	
104	104/	DID NOT ANALYZE	
105	105/ White Pliable	NAD	100% Non-Fibrous
106	106/ White Pliable	NAD	2% Cellulose 98% Non-Fibrous
107	107/ Beige Gran.	2% Chrysotīle 2% Total Asbestos	98% Non-Fibrous
108	108/	DID NOT ANALYZE	
109	109/	DID NOT ANALYZE	
110	110/ White Pliable	NAD	100% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-1357

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
111	111/ White Pliable	NAD	100% Non-Fibrous
112	112/ White Pliable	NAD	100% Non-Fibrous
113	113/ Black Tar-Like	Trace, <1% Chrysotile <1% Total Asbestos	20% Cellulose 10% Fibrous Glass 70% Non-Fibrous
114	114/ Black Tar-Like; Silver Paint-Like	Trace, <1% Chrysotile ★ <1% Total Asbestos ★Trace, chrysotile present in chrysotile present in silver pa	
115	115/ Black Tar-Like; Silver Paint-Like	Trace, <1% Chrysotile ★ <1% Total Asbestos ★3% chrysotile present in sil-	30% Cellulose 10% Fibrous Glass 60% Non-Fibrous ver paint-like material
116	116/ Black Tar-Like	NAD	20% Fibrous Glass 80% Non-Fibrous
117	117/ Black Tar-Like	NAD	25% Cellulose 75% Non-Fibrous
118	118/ Black Tar-Like; Silver Paint	NAD	25% Cellulose 5% Fibrous Glass 70% Non-Fibrous
119	119/ Black Tar-Like; Silver Paint	Trace, <1% Chrysotile * <1% Total Asbestos *2% chrysotile present in sil	20% Cellulose 10% Fibrous Glass 70% Non-Fibrous
120	120/ White Paint-Like; Black Tar-Like; Silver Paint	7% Chrysotile * 7% Total Asbestos *Present in tar material on paint.	33% Cellulose 60% Non-Fibrous
121	121/	DID NOT ANALYZE	•
122	122/	DID NOT ANALYZE	
123	123/ Silver Foil; Black Tar-Like	NAD	100% Non-Fibrous

CLIENT NUMBER:

7-2564· SB

EHS PROJECT #:

2009-05-1357

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
124	124/ Silver Foil; Black Tar-Like	NAD	100% Non-Fibrous
125	125/ Silver Foil; Black Tar-Like	NAD	100% Non-Fibrous
126	126/ Black Tar-Like	8% Chrysotile 8% Total Asbestos	22% Cellulose 20% Fibrous Glass 50% Non-Fibrous
127	127/	DID NOT ANALYZE	
128	128/	DID NOT ANALYZE	
129	129/ White Fib.; Black Tar-Like	NAD	30% Fibrous Glass 70% Non-Fibrous
130	130/ White Fib.; Black Tar-Like	NAD	35% Fibrous Glass 65% Non-Fibrous
131	131/ White Fib.; Black Tar-Like	NAD	30% Fibrous Glass 70% Non-Fibrous
132	132/ Tan/White Rubbery	NAD	100% Non-Fibrous
133	133/ Tap/White Rubbery	NAD	100% Non-Fibrous
134	134/ Tan/White Rubbery	NAD	100% Non-Fibrous
135	135/ Gray Rubbery	NAD	100% Non-Fibrous
136	136/ Gray Rubbery	NAD	100% Non-Fibrous
137	137/ Gray Rubbery	NAD	100% Non-Fibrous
138	138/ White Foam; Beige/Gray Gran.	NAD	25% Fibrous Glass 75% Non-Fibrous
139	139/ White Foam; Beige/Gray Gran.	NAD	30% Fibrous Glass 70% Non-Fibrous
	•		

Fax:

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-1357

PROJECT:

429 Marlborough Rd.; Main Office Bldg.; Glastonbury, CT

EHS

CLIENT SAMPLE #

% ASBESTOS

OTHER MATERIALS

SAMPLE#

LABORATORY GROSS DESCRIPTION

White Fib.; Beige/Gray Gran.

/0 /\CD_C. C

O MER MATERIALO

140

140/

NAD

35% Fibrous Glass

65% Non-Fibrous

QC SAMPLE:

M1-1999-2

M1-1991-1

M21995-2

QC BLANK:

SRM 1866 Fiberglass

REPORTING LIMIT:

1% Asbestos

METHOD:

Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST:

Christian H. Schaible

Kathy Sizemore Sami Hosn

Reviewed By Authorized Signatory;

Howard Varner, General Manager

Irma Faszewski, Quality Assurance Coordinator

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND

NAD = no asbestos detected

SCF = suspected ceramic fibers

plm1.dot/05AUG2008/REV3/pd

-- PAGE 13 of 13 -- END OF REPORT --

A Positive Stop

8 Š Comments eing Tiles FLOORTING MA FLOOR TILL MA Particulate: Total Nuisanne (NIOSH 0500) Respirable (NIOSH-0600) NO PRINT FLOORTILL 5777104 439. Martho resported CLASS CHELD CHRES EXDANT Alr Volume (L) Wipe Area (ff²) OR id.Richmond, Virginta 23237 Phone (804) 275-4788 Fax (804) 275-4907 Date/Time: Date/Time; Date/Time: Sorape Date: 5/27/09 311K Sampler Name: ARONMENTAL HAZARDS SERMCES, L.L.C. Contact Name: Air Quality Sufface Tape Indoor Surface Swab CHAIN OF CUSTODY FORM Project带 Siocassette Other Metals (Syecity matala below) 860-449-8860 eliford letaM Dixol Melding Fume (BS CLP RCRA8 Naste Water (da) **4**701 E1792 requirements? Mystic Air Quality Consultants Lead Signature: Signature: Signature: Paint (mg/cm²) FaX推 (M99) trips (%) Juiec EHS 2009-05-1357 Groton, CT 06340 1204 North Road Asbestos Do Wipg samples submitted meet AST Oranimetric 7-2564 B M Point Count PCM) Fiber Count 860-449-8903 BUIK ID by PLIM 2400 Sample Date & Time EHS Client Account 松上 Company Name: CMy, State, Zip. Received by: Sample Number 16-14 るって Phone 辩; Address 10-17 P.O. 型。

& JRIS MILISA

ENOLOSURE 2

A Positive STOP *

439. martho out 181- mars etile ask Sheerivack-Ceillings SHEETROCK- WALLS PLOORTIJE-MASHK-Comments ANGIENA! Particulate: Total Nulsance (NIOSH 0500) アイ留の下」は一 Respirable (NIOSH-0600) Transit SLUSTICKELP CHRES GEBANT CHITES EXPLOSED Wipe Area (ft²) OR Afr Volume (L) LEGATOR! Area(cm²) ENVIRONMENTAL HAZARDS SERVICES, L.L.C. 7469 Whitepine Road Richmond, Virginia 22237 Phone (804) 275-4788 Fax (804) 275-4907 Date/Time: Date/Time: Date/Time: Date/Time: Scrape Date: 5/27/09 Bulk Contact Name: Sampler Name: Air Quality Sufface Lape Indoor Surface Swab CHAIN OF CUSTODY FORM Project桩 Biocassette Other Metals 860-449-8860 OXIC Metal Profile emu7 gnibleW ¥es ICLP RCRA 8 Waste Water (CLP (Pb) E1792 requirements? Mystic Air Quality Consuldants lios Lead Signature: Signature Signature Fax # (M99) Inis9 (%) triisc Groton, CT 06340 1204 North Road Do wipe samples submitted meet ASTM Asbestos STW Cravimetric 7-2564 B orW Point Count (PCM) Fiber Count 860-449-8903 BUK ID by PLIM 13 HOG Date & Sample Tirie EHS Cliant Account 歌 City, State, Zip: __ Company Name; Received by: Released by: Sample Number Address;__ 89-99 8h-9H Phone 52-58 37-34 54165 40-0H 74-EH 34-36 よぶ」 P.O. ENCLOSURE Z PAGE 2 OF

A. JRIS MILISON

A Positive STOP *

ENVIRONMENTAL HAZARDS SERVICES, L.L.C. 7469 Whitepine Road Richmond, Virginia 23237 Phone (604) 275-4789 Fax (804) 275-4907 CHYAIN OF CUSTODY FORM

3	Mystic Air Quality Consultants	CHRES GRIDAT	Project #:	.8903 Fax#: 860-449-8860	C.L. C.L.	Lead Other Metals Indoor Particulate: Total Nuisance (NIOSH 0600)	(specify metals below) Air QUAIITY	Count out out out out out out out out out ou	Sample Sa	SALES OF THE PARTY OF THE STATE	(1X) - 38(1) - 00(1) 0	(3) x x (1)	Q. (2) xo xx (2) x	CONCESSASC & CENTRAL CONCESSAS & CENTRAL CONCESSAS & CENTRAL CONCESSAS & CENTRAL CONCESSASC & CENTRAL CONCESSASC &	5 V/3 (10 V)	100		9191 X III	waged 6.29.09 10	KSAMM	(a) (d) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a
	Company Name: W	Address: 1	City, State, Zip:	t Acc	F	P,O,料			Sample Samp Number Date	E6/2	69-71	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	14-5t)		98-48	88	84-91		MCD C VO Despelati		

A JRIS 21/11/20 ENCLOSURE 2 PAGE 3 OF 6

* POSITIVE STOP *

ENVIRONMENTAL HAZARDS SERVICES, L.L.G. 7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907 CHAIN OF CUSTODY FORM

Mystic Air Quality Congultants 1204 North Road Groton, CT 06340 Fax #: 860-449-8860 Project #: 172564 B Asbestos Asbest	Signature:
Sample Sample Date & Da	SPAN
Company Name: NEW State, Zip: Address: 12 Address: Chy, State, Zip: Gr. Gr. Bhone #: 860-449 Phone #: Sample Sampl	Received by:

A POSITIVE STOP A

ENVIRONMENTAL HAZARDS SERVICES, L.L.C. 7469 Whitepine Road Richmond, Virginia 23237 Phone (604) 275-4788 Fax (804) 275-4907 CHAIN OF CUSTODY FORM

CHAIN OF COSTON Date: 5/24/04	Mystic Air Quaist Contact Names	Sampler Name: CHROS EXISTER	7.2564 B	-8903	11.0 11.0 · · · · · · · · · · · · · · · · · · ·		The Point Count Point (PPM) File Point (PPM) The Poi	
	Company Name:		Chy, State, Zlp: GIOLOM, 725	nt Account #1. 860-449-8	5		C S G K L L L L BUK ID BY PLM	

A JRIS 2/11/20 ENGLOSURE 2 PAGE 5 OF 6

POSITIVE STOP A

ENVIRONMENTAL HAZARDS SERVICES, L.L.C. 7489 Whitepine Road Richmond, Virginia 23237 Phore (604) 275-4788 Fax (804) 275-4807 CISAN OF CUSTODY FORM

A JRIS 2/11/52 ENGOSURE 2 PAGE 6 OF 6



1204 North Road (Rt. 117) Groton, Connecticut 06340

<u>Asbestos</u>	Containing	<u>Suspect</u>	Materials	Roster
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S	Site:	47	9 Ma	vrLborough Rd-	main office BL	<u>G</u>
		GL	aston	bury, CT	····	# <u>Demo</u>
	Type Of Mater	ial	•	Amount of Material	Condition Of Material	Specific Location of Suspect ACM at Site

Sample Numbers		Type Of Material	Amount of Material	Condition of Material		Specific Location of Suspect ACM at Site		
; ! !	1-3 4-6 7-9 0-12 3-15 16-18	Coveraser Glue Floorsile-massic (xi) -(9x9)	2250 LNFT 5200 FT 2050 FT 345 FT	DAMAG		See at		
)) 2	19-21 12-24 12-27 1-8-30 31-33 34-36	Ceiling Tiles (2x4) FLOOR Tile-Mastic (209) FLOOR Tile-Mastic (209) // FLOOR Tile-Mastic (209) // FLOOR Tile-Mastic (1x1)	25865 FT 27) 140 FT		TAN White light TAN White			

EPA considers the materials above as "suspect" asbestos-containing materials.

Date:	5/27/09	Inspector	Chidas
		-	

Telecommunications (24 hours):

ENCLOSURE 3 PAGE 1 DE 7

Office: (203) 449-8903

CT Toll Free: 1 (800) 247-774



1204 North Road (Rt. 117) Groton, Connecticut 06340

<u>Asbestos</u>	Containing	Suspect	<u>Materials</u>	Roster
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429 Marlborough Rd-main Office Budg

	GLUSIUIE	1019,01		# <u>Demo</u>
cumple umbers	Type Of - Material	Amount of Material	Condition of Material	Specific Location of Suspect ACM at Site
37-39 40-42 43-45 46-48 49-51 52-58 59-65 66-68 69-71 72-74 75-77	1 0 100 00000	60 FT 285 FT 2 200 FT	Damager Tau Brown Light Grey	See ATTached
78-80	// 11 - /8x18	Al .	<u> </u>	\X

EPA considers the materials above as "suspect" asbestos-containing materials.

Date:	5/27/09	Inspector	Chidat
•		- -	

Telecommunications (24 hours):

Office: (203) 449-8903

ENCLOSURE 3 PAGE 2 OF 7

CT Toll Free: 1 (800) 247-774



1204 North Road (Rt. 117) Groton, Connecticut 06340

<u>Asbestos</u>	<u>Containing</u>	Suspect	<u>Materials</u>	Roster
-----------------	-------------------	---------	------------------	--------

429 mar Lborough 12d-main office Bill.

	GLaston	bury, CT			# Deno	
Sample [umbers	Type Of - Material	Amount of Material	Condi oi Mater		Specific Location of Suspect ACM at Site	-
81-83 84-86	Coverase-Glue	675 LUFT	Damajed	light Brown	See ATTached	·
87	SHEETROCK (eiling Panels Flue Cement	900 FT			Kitchen, Kitchen Sørage, Service Rown	1
. 88 89-91	Caulking Insulanton	1 Furnaces 9 doors		Ĭ	Intendr of Furnaces on Siding- Inside the Firedors-Stairly	1
93-94 95-97	İ	35 LNFT		marooni Black	Inside the Firedurs-Stairw OFFice#733, Open room(C), OFFicelv End of Hallway a, Storage Room #3, Lo OFFice #30-Basement #2	l) Conference Room [6], Inding (A.)
98-100	Plaster Ceiling Pill Insulation	1375 Fr. 1 1 ELDOW			OFFice 30 and Garage Bat on Pipe Elbou behind Wall-Bon	on of Stairs-Basenerith
102-104 105		50 Fr ² 7 Windows		 	Interior - Top of bight in 19th Rooms Interior of wholes Stewn, locker Interior of window - worksho	ifeverst and the
106	Caulking	1 Window	X		interior of windows - wor	<i>I</i> (

EPA considers the materials above as "suspect" asbestoscontaining materials.

Date:	5/27/09	Inspector	Chidas
,	·		7/

Telecommunications (24 hours):

Office: (203) 449-8903

CT Toll Free: 1 (800) 247-774(

ENCLOSURE 3 PAGE 3 OF 7

4 /0081 700-77// NE Tall Eron



1204 North Road (Rt. 117) Groton, Connecticut 06340

Achoetoc	Containing	Culancat	Mataniala	Dantan
VONCO COO	COMPANIA	Duspect	materials	Koster

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429 martborough Rd-Main OFFICE BLDG. GLastonbury, C+

				·
Sample Numbers	Type Of - Material	Amount of Material	Condition of Material	Specific Location of Suspect ACM at Site
107109 110-112 113 114 116 117 118 119 120-124 126-128	1 Roofing	25 Windows 14 Windows 1800 FT 7000 FT 1800 FT 1800 FT 1500 FT 1500 FT 10,000 FT 1000 FT 1,000 FT	Damaged	Exterior of Windows 11 11 See Roof Diagram - ROOF (C) 11 11 - ROOF (B) 11 11 - ROOF (E) 11 11 - ROOF (E) 11 11 - ROOF (D) 11 11 - ROOF (D) 11 11 - ROOF (A) 11 11 - ROOF (B)
				•

EPA considers the materials above as "suspect" asbestoscontaining materials.

Date:	5/27/09	
.= ~		

Telecommunications (24 hours):

Office: (203) 449-8903

ENCLOSURE 3 PAGE 4 OF 7

CT Toll Free: 1 (800) 247-774



Site:

Mystic Air Quality Consultants, Inc.

· 1204 North Road (Rt. 117) Groton, Connecticut 06340

Asbestos Containing Suspect Materials Roster

429 MarLborough Rd-main OFFice Bidg

	(Lasto	nbury, ct		# Demo	•
imple umbers	Type Of - Material	Amount of Material	Condition of Material	Specific Location of Suspect ACM at Site	
132-131	DUCT WAP	500 FT	Damaged	arand ducts on Roof & both	rof walls on Roof
138-141	Caulking EFIS	- 92 Windows	130wu	1	rwindows
				-	
					•
			444 ton one one one one one one one one one		

Telecommunications (24 hours):

containing materials.

Office: (203) 449-8903
FAX: (203) 449-8860

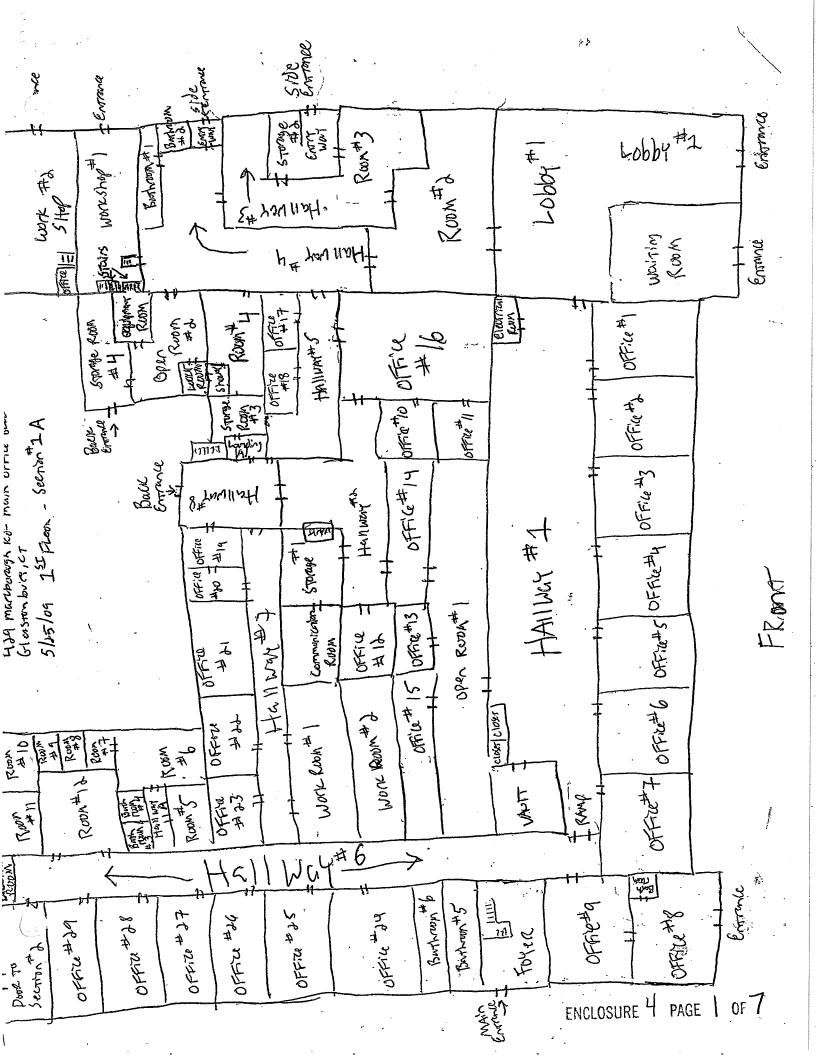
ENCLOSURE 3 PAGE 5 OF 7

CT Toll Free: 1 (800) 247-7746

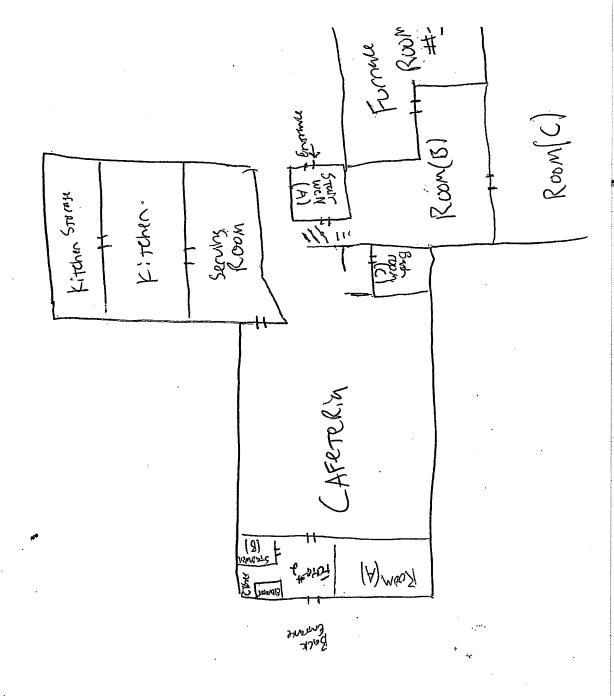
NE Toll Free: 1 (800) 722-7746

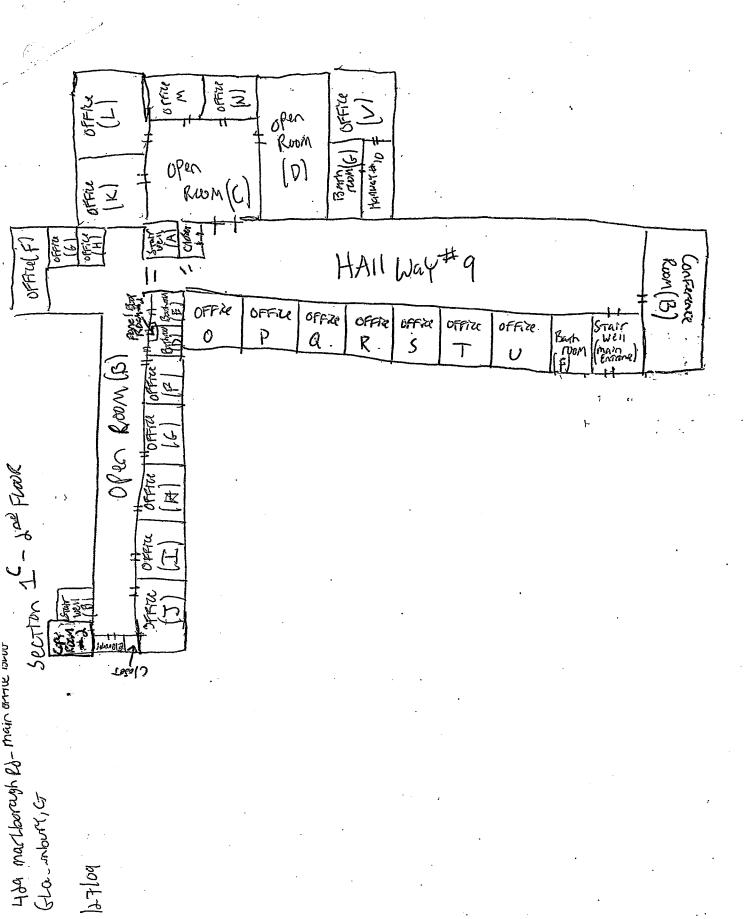
, , , , , , , , , , , , , , , , , , ,		·	5/27/09 429 Marlborough Rd-main Office Bld. Glaston bury, CT
ample	11	TYPE OF MATERIAL	Location
1-3		CoveBase-Glue	Hallwart , HAllwart , main Emrance ForeR, Room + 12, Rooms A, B, &C,
			Conference Room A, part of open Room A, kitchen Strage, Service Room ForeR# 2, HAIIWay#5 and Hallway#8
1-6	WHITE	FLOORTILE-MASTIC (IXI)	Top Larer in Lobby #1 and Room #2 and only Larer in Hallway #4. \$ Hallway #3 and its the bottom Larer under plywood in Room #3
1-9	Green	FLOORTILE- MASTIC (929)	BOTTOM Laver in Lobby #1 and ROOM # a and only layer in offices 1,3,3,45,46
0-12	Red	// \\	Only Layer in the Waiting Room and OFFice#7
3-15	TAW	/ II	Only Larer in HAIIWay#1
6-18		LinolEum	Top Layer in Room#3
19-21	and the state of t	Ceiling-Tiles (224)	Throughout BLDG.
17-24	TAI	FLOORTILE-MASTIC (9)	only Later in Office #10 and office#11
15-17	White	PLOORTINE-MOSTIC (9x9)	only Larer in OFFice #8, OFFice \$26,0FFice \$27,0FFice \$28, and OFFice \$39
) 8-30	(light TAU	/()	OFFice #9 and Hallwar #6
31-33 (-	galagadas ar aprometica del Spanis Spanis Antonio del Spanis del S	FLOORTHE-MUSTIC (IX).	Roop#6, Locker Room, Panel Box Rooms#1 and#2, and Copy Roms#1 and#2
34-36	WHITE		Storage Room#3
37-39	TAN	411	ENCLOSURE 3 PAGE 6 OF 7

1		
ample		
un 15	TYPE of material 1	-OCOTION
0-42	Linoleum	Room#4
3-45	TRANSite	wall and Cailing Panels in Storage Room# 4 and only Ceiling Panels in Room#33
5 -48	Black FLOORTIK- Mastic	ROOM B - Section 1 D - Basement
9-51	<i>CL</i> 11	ROOM C- " "
7-58	SHEETROCK- Wails	Throughout
9~ 6.5	SHEETROCK-Ceilings	// \\\
,6-68 (Fran	Cave Base- Flue	Lobby #1, Rooms 1, #3, \$ 4, Sitower, Locker Room, Equipment Room, Hallway #3, & Entry way
9-71 (light Grey	CC \\	OFFICES*1, 1, 1, 3, 4, 5, 6, \$ 7, Open Room C, Hallway #10, moss of Hallwy #9, and Main Entrance Stairwell-200 Floor
72-74	Glue dobbs	cabove IXI Ceiling Tiles in Hallway #6, OFFICES #8 and #9, Foyer in Main Entrance, OFFICES # 24, #25, #26, #27, #28, # 29, Rooms #6, #7, #8, #9, #11, Hallway (A), Bathrooms #3 and #4, Bathroom (F), OFFICES O, P, Q, R, S, T, & U, Conference Room (B), and Hallway #9
75-77	Ceiling Tiles-(121)	OFFice # 8, End OF Hallwar #6, Bathroms 3 and #4, Hallwar (A) par Rooms #6, #7, \$48, \$49, \$10, \$11, and \$11d
78-80	Ceiling Tiles-(18×18)	ROOM (A) and main Entrance Foyer. ENCLOSURE 3 PAGE 7 OF 7



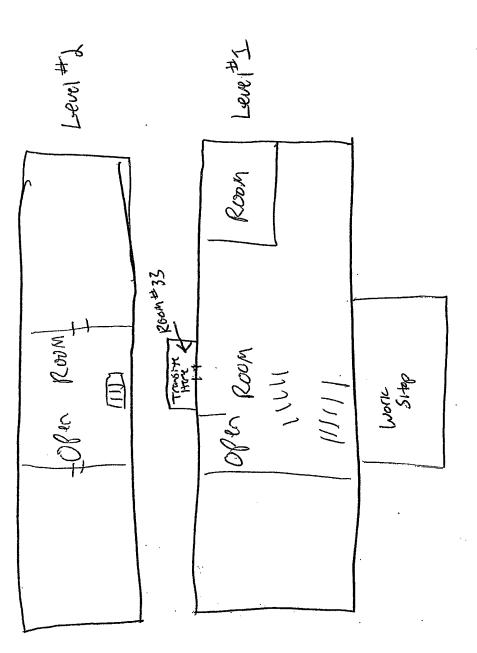
1000 #17 Roof A 88 17 429 marborargh RD-main OFFice 13Ld. Aut F 415 ROOF B ROFC ROOF Dixeram N.Wall #113 Glassonby, G 主* Roor E 产品 #17 KONFD ROOF E= NO FIELD SEMPRES TELEN
ROOF A= 10,000 FT
ROOF C= 1800 FT
ROOF B= 7000 FT
ROOF D= 6500 FT
ROOF E= 1800 FT ROOFE ROOF F= 1500 FT

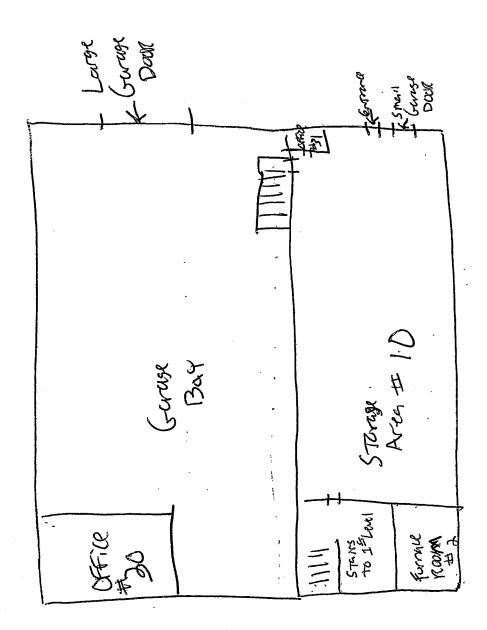




5/27/09

ENCLOSURE 4 PAGE 5 OF 7





7469 WHITE PINE ROAD - RICHMOND, VA 23237 804-275-4788 FAX 804-275-4907

TCLP (LEAD) ANALYSIS SUMMARY

CLIENT:

Mystic Air Quality Consultants

1204 North Road, Rt. 117

Groton, CT 06340

DATE OF SAMPLING: 17 May 2009

DATE OF RECEIPT:

29 May 2009

DATE OF ANALYSIS: 03 Jun 2009

DATE OF REPORT:

03 Jun 2009

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-1358

PROJECT:

429 Marlborough Rd.; Main Office Bldg.; Glastonbury, CT

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	SAMPLE WEIGHT (g)	INITIAL pH	CONCENTRATION PPM (mg/L)
01	TCLP#1/ Building Debris	100	5.97	<0.50
02	TCLP#2/ Building Debris	100	5.95	1.0

QUALI	IY CO	NIRC	LD/	ATA
				~~~~~

BATCH#:	060309T-1
INCLUSIVE EHS SAMPLE NUMBERS:	01-02
Initial Calibration Verification (5.00ppm Pb)	100% Recovery
Continuing Calibration Verification 5 (5.00ppm Pb)	100% Recovery
Laboratory Control Standard	91.6% Recovery
Matríx Spike	116% Recovery
Duplicate Relative Percent Difference	10.2 RPD
Regulatory Limit	5.0mg/L
Reporting Limit	$0.50 \mathrm{mg/L}$
Method Detection Limit	0.060mg/L

METHOD:

EPA SW846 1311/3010A/7420

ANALYST:

Aubrey Simonds

Reviewed By Authorized Signatory:

Howard Varner, General Manager

Irma Faszewski, Quality Assurance Coordinator

David Xu, MS, Senior Chemist

#### Method EPA SW846 1311 recommends 100g for analysis.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume etc., was provided by the client. This report shall not be reproduced, except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714

LEGEND

g = gram

ug = microgram

ppm = parts per million

ml = milliliter

Pb = lead

mg/L = milligrams per liter

tclppb2.dot/AA220/05AUG2008/REV4/te

- PAGE 01 of 01 - END OF REPORT -

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

EHS 2009-05-1358 19 Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

CHAIN OF CUSTODY FORM

Samuel Signature: Control Date/Time: Date/Time: Date/Time: Date/Time: Date/Time: Date/Time:		984 North Road oton, CT 0634 oton, CT 0634 B 7.2564 B Asbertos Asbertos PLM Roint Count PLM Roint PLM Ro	E C C C C C C C C C C C C C C C C C C C	S S S S S S S S S S S S S S S S S S S	Surface Tape  Su	CHITES EXDAM  CHITES EXDAM  LAST MATLE RASE  CHASTOLINE (1)  Respirable (NIOSH 0800)  Alr Volume (L)  Respirable (NIOSH 0800)  Alr Volume (L)  Respirable (NIOSH 0800)  Alr Volume (L)  Alr Volume (L)  Respirable (NIOSH 0800)  Alr Volume (L)  Alr Volume (L)  Respirable (NIOSH 0800)  Alr Volume (L)  Alr
O [541.18.1]	RKK	Georgia Woodkan	ure;	marked To The Total of the Tota		5.390



1204 North Road (Rt. 117) Groton, Connecticut 06340

June 1, 2009

Mr. Frank Kehoe Triton Environmental 385 Church Street, Suite 201 Guilford, Connecticut 06437

Re:

Pre-Demo/Renovation Asbestos Survey and TCLP Analysis (5/22/09)

429 Marlborough Road; Glastonbury, Connecticut

Location: Laboratory Storage Building

#### Dear Mr. Kehoe:

As requested, Mystic Air Quality Consultants, Inc. conducted a survey of accessible materials prior to demolition at the location noted above. This survey was directed on May 22, 2009, by our State of Connecticut licensed asbestos inspector, Christopher Eident, (license # 000015) to determine the presence of asbestos-containing materials. The samples were analyzed at Environmental Hazards Services (NVLAP # 101882-0) in Virginia.

In addition to the asbestos survey, composites or TCLP samples were collected and analyzed for lead to determine if the demolition materials would have to be considered lead waste. The sample analysis was also done by Environmental Hazards Services.

#### **Summary of the Asbestos Findings**

Upon testing by polarized light microscopy, the following materials were found to be asbestos containing:

Sample #s	Material/Location	Estimated Affected Area
1-5	1x1 Floor tile mastic/Hallway #1, Main room #1, Room #2, Offices 1-4, mens & womens bathrooms	1,250 sq. ft.
12 – 14	Transite panels/Throughout building except bsmt & equipment	storage 7,350 sq. ft.
32 - 34	Caulking/Exterior windows -Room #1	6 windows
51–53, 60–6	Tar-Silver Paint/Roofing-Flat roof	7,250 sq. ft.
54 – 56	Flashing/Around penetrations & on concrete wall -flat	roof 50 sq. ft.
57 – 59	Roof Tar/Seams of rolled roofing & patching -flat roof	1,000 sq. ft.

#### **Special Considerations**

Any of the non-asbestos roofing materials with flashing, roof tar or silver paint attached will need to be treated as asbestos-contaminated and be cut out with it when abated.

#### Non-asbestos containing materials

The roster of suspect materials (Enclosure 3), lists the materials tested. Those that are not already referred to as asbestos containing or assumed asbestos, can be categorized as non-asbestos containing materials.

Communications (24 hours):

Office: (860) 449-8903

FAX: (860) 449-8860

Toll Free: 1 (800) 247-7746

website: www.mysticair.com

e-mail:maqc2@aol.com



1204 North Road (Rt. 117) Groton, Connecticut 06340

#### Implications of the findings

As required by state and federal regulations prior to renovation or demolition, any asbestoscontaining materials listed above that could be disturbed by a renovation, will need to be removed by a licensed asbestos abatement contractor employing trained and certified personnel who follow all pertinent asbestos abatement regulations.

#### Limitations of the Asbestos survey

This survey and report only deal with accessible areas of the building. Additionally, there may be other non-accessible materials above ceilings, behind walls, and below floors that become evident during your renovation activity. Should the requisite EPA/OSHA competent person working for the contractor discover such materials they will need to be tested for asbestos content so determinations of their abatement and disposal (if required) can be made.

#### **TCLP** Analysis results

The results of the TCLP analyses indicate that the building materials subsequent to demolition do not need to be disposed of as lead waste. The sample results were <u>below</u> the EPA's TCLP standard of 5 mg/l for lead.

Please do not hesitate to contact us with questions relating to the sample results. We thank you for the opportunity to conduct this survey.

Sincerely,

Christopher J. Eident CIH, CSP, RS

**CEO** 

Enclosure 1: Laboratory Results Enclosure 2: Chain of Custody

Enclosure 3: Roster of Suspect Materials
Enclosure 4: Inspector's Diagram of Property

Enclosure 5: TCLP Analysis and Chain of Custody

Communications (24 hours):

website: www.mysticair.com

Office: (860) 449-8903

FAX: (860) 449-8860

e-mail:maqc2@aol.com

Toll Free: 1 (800) 247-7746

7469 WHITE PINE ROAD - RICHMOND, VA 23237 804-275-4788 FAX 804-275-4907

### **BULK ASBESTOS SAMPLE ANALYSIS SUMMARY**

CLIENT:

Mystic Air Quality Consultants

1204 North Road, Rt. 117

Groton, CT 06340

DATE OF RECEIPT:

26 May 2009

DATE OF ANALYSIS: 26 May 2009

DATE OF REPORT:

27 May 2009

**CLIENT NUMBER:** 

7-2564 SB

EHS PROJECT #:

2009-05-1157

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01A	1 (a)-Tile/ Light Gray Vinyl	NAD	100% Non-Fibrous
01B	1 (b)-Mastic/ Black Tar-Like	3% Chrysotile 3% Total Asbestos	2% Cellulose 95% Non-Fibrous
02A	2 (a)-Tile/ Light Gray Vinyl	NAD	100% Non-Fibrous
02B	2 (b)-Mastic/	DID NOT ANALYZE	
03A	3 (a)-Tile/ Light Gray Vinyl	NAD	100% Non-Fibrous
03B	3 (b)-Mastic/	DID NOT ANALYZE	
04A	4 (a)-Tile/ Light Gray Vinyl	NAD	100% Non-Fibrous
04B	4 (b)-Mastic/	DID NOT ANALYZE	
05A	5 (a)-Tile/ Light Gray Vinyl	NAD	100% Non-Fibrous
05B	5 (b)-Mastic/	DID NOT ANALYZE	
06A	6 (a)-Tile/ Light Gray Vinyl	NAD	100% Non-Fibrous
06B	6 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
07A	7 (a)-Tile/ Light Gray Vinyl	NAD	100% Non-Fibrous
07B	7 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT#:

2009-05-1157

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
08A	8 (a)-Tile/ Light Gray Vinyl	NAD	100% Non-Fibrous
08B	8 (b)-Mastic/ Yellow Adhes	NAD	100% Non-Fibrous
09	9/ Beige Fib.; White Powder	NAD	30% Cellulose 40% Fibrous Glass 30% Non-Fibrous
10	10/ Beige Fib.; White Powder	NAD	30% Cellulose 40% Fibrous Glass 30% Non-Fibrous
11	11/ Beige Fib.; White Powder	NAD	30% Cellulose 40% Fibrous Glass 30% Non-Fibrous
12	12/ Gray Hard; Fib.	20% Chrysotile 20% Total Asbestos	5% Cellulose 75% Non-Fibrous
13	13/	DID NOT ANALYZE	
14	14/	DID NOT ANALYZE	
15A	15 (a)-Cove Base/ Gray Rubbery	NAD	100% Non-Fibrous
15B	15 (b)-Mastic/ Tan Adhes.	NAD	100% Non-Fibrous
16A	16 (a)-Cove Base/ Gray Rubbery	NAD	100% Non-Fibrous
16B	16 (b)-Mastic/ Tan Adhes.	NAD	. 100% Non-Fibrous
17A	17 (a)-Cove Base/ Gray Rubbery	NAD	100% Non-Fibrous
17B	17 (b)-Mastic/ Tan Adhes.	NAD	100% Non-Fibrous
18	18/ Off-White Powder; Tan Fib.	NAD	26% Cellulose 74% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-1157

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
19	19/ Off-White Powder; Tan Fib.	NAD	25% Cellulose 75% Non-Fibrous
20	20/ Off-White Powder; Tan Fib.	NAD	26% Cellulose 74% Non-Fibrous
21	21/ Off-White Powder; Tan Fib.	NAD	28% Cellulose 72% Non-Fibrous
22	22/ Off-White Powder; Tan Fib.	NAD	28% Cellulose 72% Non-Fibrous
23	23/ Black Rubbery; Off-White Brittle	NAD	3% Talc 97% Non-Fibrous
24	24/ Black Rubbery; Off-White Brittle	NAD	3% Talc 97% Non-Fibrous
25	25/ Black Rubbery; Off-White Brittle	NAD	2% Talc 98% Non-Fibrous
26	26/ Black Fib.; Tar-Like; Tan Gran.	NAD	70% Cellulose 30% Non-Fibrous
27	27/ Black Fib.; Tar-Like; Tan Gran.	NAD	70% Cellulose 30% Non-Fibrous
28	28/ Black Fib.; Tar-Like; Tan Gran.	NAD	70% Cellulose 30% Non-Fibrous
29	29/ White Rubbery	NAD	100% Non-Fibrous
30	30/ White Rubbery	NAD	100% Non-Fibrous
31	31/ White Rubbery	NAD	100% Non-Fibrous
32	32/ Black Rubbery	2% Chrysōtile 2% Total Asbestos	1% Talc 97% Non-Fibrous
33	33/	DID NOT ANALYZE	
34	34/	DID NOT ANALYZE	•

**CLIENT NUMBER:** 

**7-2564** SB 2009-05-1157

EHS PROJECT #: PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
35	35/ Silver Paint	NAD	2% Polyethylene 98% Non-Fibrous
36	36/ Sîlver Paint	NAD	100% Non-Fibrous
37	37/ Silver Paint	NAD	100% Non-Fibrous
38	38/ Gray Brittle	NAD	100% Non-Fibrous
39	39/ Gray Brittle	NAD	100% Non-Fibrous
40	40/ Gray Brittle	NAD	100% Non-Fibrous
41	41/ Gray Powder; Fib.; White Paint	NAD	1% Cellulose 40% Fibrous Glass 59% Non-Fibrous
42	42/ Black Tar-L <b>i</b> ke	NAD	25% Cellulose 75% Non-Fibrous
43	43/ Black Tar-Like	NAD	28% Fibrous Glass 72% Non-Fibrous
44	44/ Black Tar-Like	NAD	28% Fibrous Glass 72% Non-Fibrous
45	45/ Black Tar-Like	NAD	26% Cellulose 74% Non-Fibrous
46	46/ Black Tar-Like	MAM	26% Cellulose 74% Non-Fibrous
47	47/ Black Tar-Like	NAD	26% Cellulose 74% Non-Fibrous
48	48/ Black Fib.; Ter-Like	NAD	80% Cellulose 20% Non-Fibrous
49	49/ Black Fib., Tar-Like	NAD	80% Cellulose 20% Non-Fibrous

CLIENT NUMBER: EHS PROJECT #:

7-2564 SB

2009-05-1157

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
50	50/ Black Fib.; Tar-Like	NAD	80% Cellulose 20% Non-Fibrous
51	51/ Black Tar-Like, Tan Fib.; Silver Paint	Trace, <1% Chrysotile ★ <1% Total Asbestos	10% Cellulose 20% Fibrous Glass 70% Non-Fibrous
		★5% chrysotile present in si	lver paint.
52	52/ Black Tar-Like; Tan Fib.; Silver Paint	Trace, <1% Chrysotile ★ <1% Total Asbestos	12% Cellulose 20% Fibrous Glass 68% Non-Fibrous
		★4% chrysotile present in si	lver paint.
53	53/ Black Tar-Like; Silver Paint	15% Chrysotile * 15% Total Asbestos *Chrysotile present through	15% Cellulose 70% Non-Fibrous hout sample.
54	54/ Black Tar-Like	18% Chrysotile 18% Total Asbestos	82% Non-Fibrous
55	55/	DID NOT ANALYZE	
56	56/	DID NOT ANALYZÉ	
57	57/ Black Tar-Like; Silver Paint	Trace, <1% Chrysotile * <1% Total Asbestos *4% chrysotile present in s	2% Wollastonite 98% Non-Fibrous ilver paint.
58	58/ Black Tar-Like; Silver Paint	Trace, <1% Chrysotile * <1% Total Asbestos *4% chrysotile present in s	2% Wollastonite 98% Non-Fibrous ilver paint.
59	59/ Black Tar-Like; Silver Paint	Trace, <1% Chrysotile * <1% Total Asbestos *4% chrysotile present in s	2% Wollastonite 98% Non-Fibrous ilver paint.
60	60/ Silver Paint	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
61	61/	DID NOT ANALYZE	
62	62/	DID NOT ANALYZE	

CLIENT NUMBER: EHS PROJECT#:

**7-2564** SB 2009-05-1157

PROJECT:

429 Marlborough Rd.; Laboratory Storage Bldg.; Glastonbury, CT

QC SAMPLE:

NIST REF

QC BLANK:

SRM 1866 Fiberglass

REPORTING LIMIT:

1% Asbestos

METHOD:

Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST:

Vickie Holmes

Reviewed By Authorized Signatory:

Howard Varner, General Manager

Irma Faszewski, Quality Assurance Coordinator

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* Ali California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND

NAD = no asbestos detected

SCF = suspected ceramic fibers

plm1.dot/05AUG2008/REV3/pd

-- PAGE 06 of 06 -- END OF REPORT --

(pd pun

ENVIRONMENTAL HAZARDS SERVICES, L.L.C. 7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907 CHAIN OF CUSTODY FORM

			6	Total C	X	7	⁾ 65ì	Ti	e 5	Joh	A			•			· ·						•	; -
		GEDON	1 - 10	439 madborayh Ka-Lahoard	astanbury, CT	)	Particulate: Total Nuisance (NIOSH 0500)	101	Comments		FLOARTILE-MASTIC	FLOORTIJE MESTIN	Colling Tibes (3x4)	TRANSIAK Panels	Coveras C-Glup	SIX CTROCK - LIVELES	Cho Ithos	Valsa Bactive	(AU) King	) 7,	12 GO	5-26-09 1030	DC.	
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57	Mystic Air Quality Consultant	1204 North Road	Groton, CT 06340	7-2564 B	8903	ζ	Asbestos	11.	Count orition	Lyd Cl) M Frint Point Liverd I Clint I	PLN PLN (PC	X		,		-					33-34 X IV   1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	( hooka)	Zemille	
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EHS 2009-05-1157		Company Names	Address:	City, State, Ap.	EHS Client Account #		£ QL			Sample	,	7-5	8-9	11-b	h-11	下15-17	(4-71		76-28		37-34 samp	Released by:	Received by:	Released by:
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ENVIRONMENTAL HAZARDS SERVICES, L.L.C. Whitepine Road Richmond, Virginia 23237 Phone (604) 275-4788 Fax (804) 275-49

7469 W.hitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907 CHAIN OF CUSTODY FORM
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A A STATE OF THE PARTY OF THE P	Date: 5/20/09	Contact.Name: CH	Sampler Name; CHE		B		oor.	Air Quainty	Tape	Surface Surface Surface Sorape Area(cm²)	82 LES							*		Date/Time: Date/Time:	Date/Time: Date/Time:
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	Company Nome	A delivere.	Chy State Zin	City, States Lays	Phone 4.	· (A) (A)		,	. :		35-34	24-40	717	444	130-143	51-53	54-56	57-59	Do wipe samples	Released by: By	Rejeased by:
				-	•				X	\$ 10	-C	)i		ENCI	OSI	JRE	2	AGE	2	OF a	21-



1204 North Road (Rt. 117) Groton, Connecticut 06340

Ashestos	Containing	Suspect	Materials	Roster
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4 Den

		, .		·
numbers	Type Of - Material	Amount of , Material	Condition of Material	Specific Location of Suspect ACM at Site
1-5		1350 FT	Damaga	Hallway 1, main Room 1, Room 1
. 69	Total Mark Transfer - frame			Rom# 3 and the Kitchen + only Layer
9-11	75111 CIE 674	700 FT		Landing 1/3 of Hallner" 1, Room 3, OFFICE 15 1, 3, 44,
12-1 15-1		7350 Fr		Throughout Budy Every Basement of expirement storage
18-2	1 (06) XX 6 (06)	700 LNFT		BOTTOM of Walls-Thrughout Throughout
23-2		22 Winders	white	
J61.	VAPOR BARRY			Under Siding on Blot.
19-3	(gulkin	2 doors	white	Exercion of docks at Engance of a J Engance of J
3)-34 35-7	27 Centring	6 Windows	Brown	Exterior of Windows - RCOM#1
	211021 pan1	LOO LUFT	.	In Furnace Roam on Buse of Formal For pipes around fun
38-4 41	- b- Laucing	1 Window	<u>X</u>	Enteror of Window in Garage tay #1
* 1	Hue Cement	he meterials	a abovo as lisus	Pipe  spect" ashestos-

EPA considers the materials above as "suspect" asbestoscontaining materials.

	- 1	i		
	- 1	1)	1 C	
Date:	-51	dd	09	

Telecommunications (24 hours):

Office: (203) 449-8903

CT Toll Free: 1 (800) 247-7746

NE Toll Free: 1 (800) 722-7746

ENCLOSURE 3 PAGE / OF 2



1204 North Road (Rt. 117) Groton, Connecticut 06340

Asbestos Containing Suspect Materials Roster

	GlasTo	nburg, CT		# Deno	
ample numbers	Type Of - Material	Amount of Material	Condition of Material	Specific Location of Suspect ACM at Site	
45-44 45-47 48-50 51-53 54-56 57-59 60-62	Stringle  // 11  Roof Feit  Roofing  Flasting  Poof TAR  Silver paint	1,050 615 FT 615 FT 7 250 FT 50 FT 1000 FT	Damagal X	ONLY LOTEY-ROOF#1, ROOF#3  UNDER SHIMMES-ROOF#3  UNDER SHIMMES-ROOF#3  ONLY LOTEY-FLOT ROOF  OVAND PEREMENDED on EXERTER WITH  ON SECRES OF POINT ROUTING & purching  ON Rolled ROOFING- POOF Flor	= Fleet Roof -PIAT Roof

4 Har Martborough Rd-Laboratory Storage Bub.

EPA considers the materials above as "suspect" asbestoscontaining materials.

	- 1	1
	r/)	1/10
Date:	2100	4109

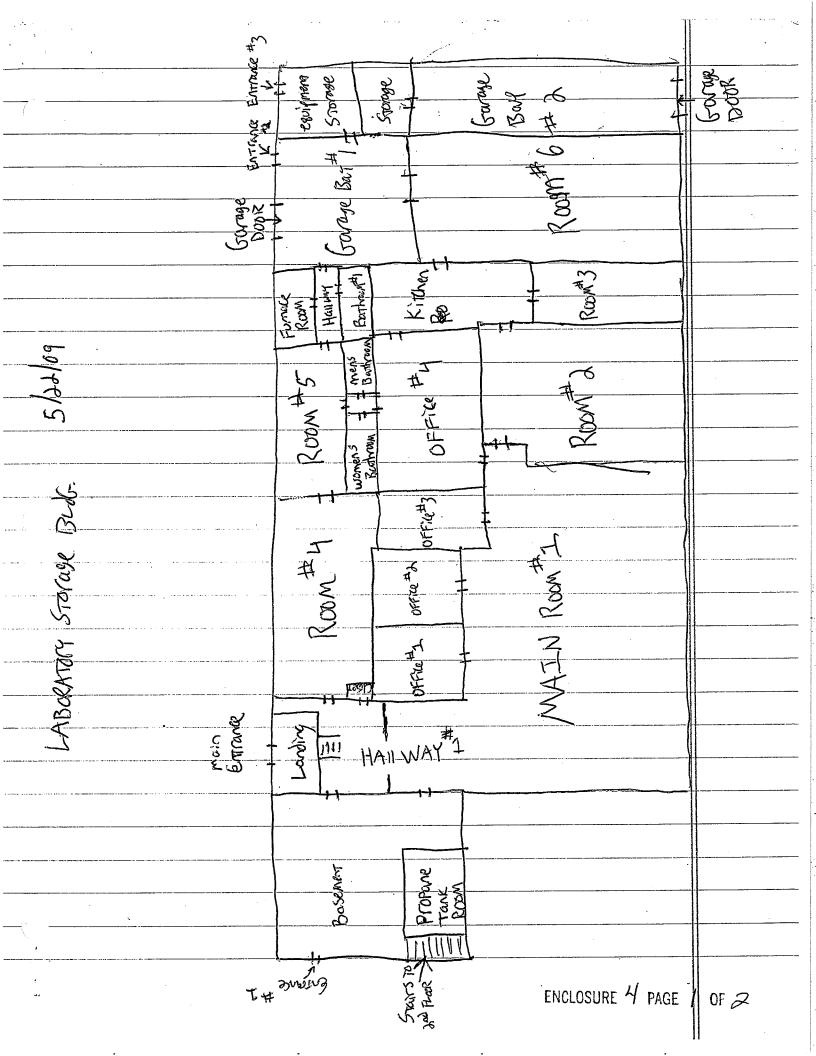
<b>Telecommunications</b>	(24	hours)	<b>)</b> :
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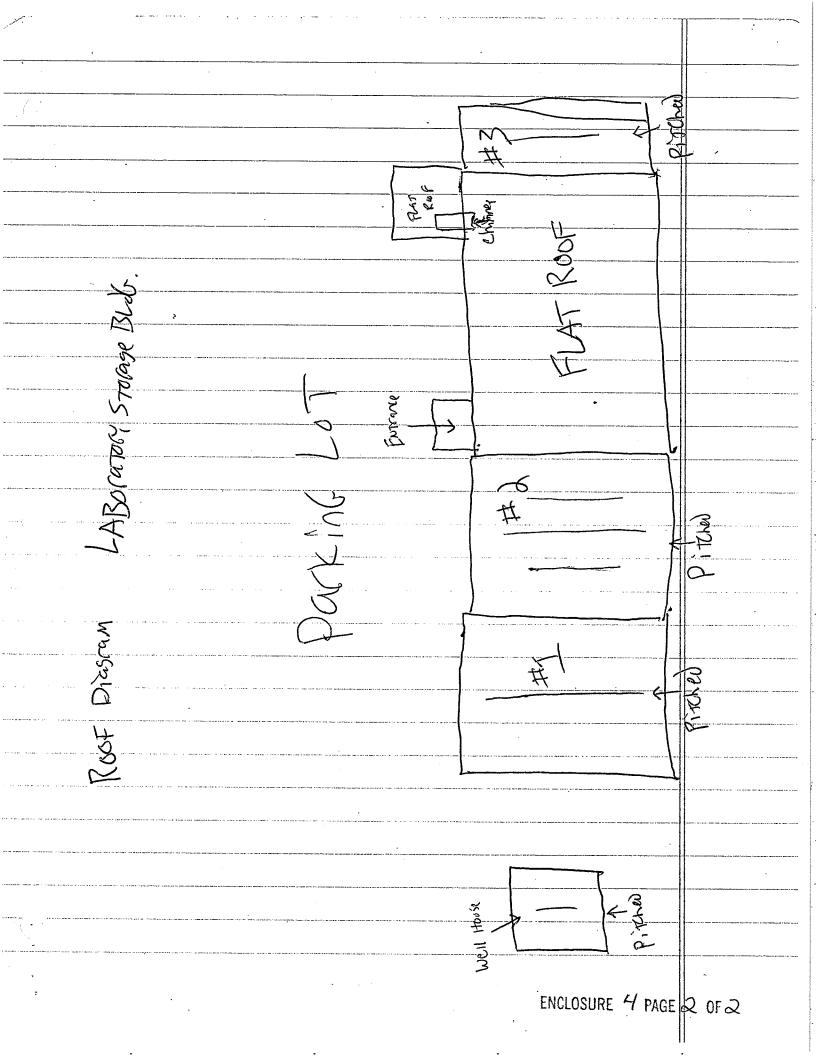
Office: (203) 449-8903

CT Toll Free: 1 (800) 247-7746

ENCLOSURE 3 PAGE 2 OF 2

NE TAIL E-00. 4 (000) 700 7741





7469 WHITE PINE ROAD - RICHMOND, VA 23237 804-275-4788 FAX 804-275-4907

#### TCLP (LEAD) ANALYSIS SUMMARY

**CLIENT:** 

Mystic Air Quality Consultants

1204 North Road, Rt. 117

Groton, CT 06340

DATE OF SAMPLING: 20 May 2009

DATE OF RECEIPT: 26 May 2009

DATE OF ANALYSIS: 29 May 2009

DATE OF REPORT: 29 May 2009

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-1169

PROJECT:

429 Marlborough Rd.; Glastonbury, CT

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	SAMPLE WEIGHT (g)	INITIAL pH	CONCENTRATION PPM (mg/L)
01	TCLP#1/ Building Debris	100	8.28	0.50
02	TCLP #2/ Building Debris	100	8,64	<0.50

QUALITY CONTROL DATA	
BATCH#:	052909T-1
INCLUSIVE EHS SAMPLE NUMBERS:	01-02
Continuing Calibration Verification 10 (10.0ppm Pb)	99.6% Recovery
Continuing Calibration Verification 5 (5.00ppm Pb)	103% Recovery
Laboratory Control Standard	101% Recovery
Matrix Spike	103% Recovery
Duplicate Relative Percent Difference	0.00 RPD
Regulatory Limit	$5.0 \mathrm{mg/L}$
Reporting Limit	$0.50 \mathrm{mg/L}$
Method Detection Limit	0.060mg/L

METHOD:

EPA SW846 1311/3010A/7420

ANALYST:

Aubrey Simonds

Reviewed By Authorized Signatory:

Howard Varner, General Manager

Irma Faszewski, Quality Assurance Coordinator

David Xu, MS, Senior Chemist

Method EPA SW846 1311 recommends 100g for analysis.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume etc., was provided by the client. This report shall not be reproduced, except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714

LEGEND

g = gram

ug = microgram

ppm = parts per million

ml = milliliter

Pb = lead

mg/L = milligrams per liter

tclppb2.dot/AA220/05AUG2008/REV4/pd

- PAGE 01 of 01 -- END OF REPORT --

EHS 2009-05-1169

Jack C

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.
7468 Whitspins Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907
CHAIN OF CUSTODY FORM

	ory Blds.		
	Dafe: Confa Sample 860-449-8860	Paint (mg/cm²)  Air Volume (L)  OR  OR  OR  OR  OR  OR  Comments  Comments  Comments  Comments  Comments  Comments	ature:  Sample Condition  Acceptable  Acce
2	ad 340. Fax#:	FIRST Notice (Co.) TiA (%) Interest (%)	IW-E1782 requirer. Signature. Signature. Signature.
	Mystic Air Quality Consultants 1204 North Road Groton, CT 06340 count # 7-2564 B 860-449-8903 Fax#:	A Sample of Samp	Do wipe, samples submitted meet ASTM-E1792 requirements?  eleased by:  ecelved by:  Signature:  Signature:  Signature:  Signature:
· S	Company Name: MJ Address: 12 City, State, Zip: Gr EHS Client Account 栋 12 Phone 様: 860-449	nple nber p#	* Do Wipe, samples Released by: RaReleased by: Rejeased by:



1204 North Road (Rt. 117) Groton, Connecticut 06340

May 26, 2009

Mr. Frank Kehoe Triton Environmental 385 Church Street, Suite 201 Guilford, Connecticut 06437

Re:

Pre-Demolition Asbestos Survey and TCLP Analysis (5/18/09)

429 Marlborough Road; Glastonbury, Connecticut

Location: Residential House -#1

#### Dear Mr. Kehoe:

As requested, Mystic Air Quality Consultants, Inc. conducted a survey of accessible materials prior to demolition at the location noted above. This survey was conducted on May 18, 2009, by our State of Connecticut licensed asbestos inspector, Nicholas Carafeno, (license # 000249) to determine the presence of asbestos-containing materials. The samples were analyzed at Environmental Hazards Services (NVLAP # 101882-0) in Virginia.

In addition to the asbestos survey, a composite or TCLP sample was collected and analyzed for lead to determine if the demolition materials would have to be considered lead waste. The sample analysis was also done by Environmental Hazards Services.

#### **Summary of the Asbestos Findings**

Upon testing by polarized light microscopy, the following materials were found to be asbestos containing:

Sample #s	Material/Location	Estimated Affected Area
14 – 16	Linoleum/Hallway & Basement Stairs -Top layer	80 sq. ft.
29 – 31	Flooring/Room 4 -Bottom layer	40 sq. ft.

#### Non-asbestos containing materials

The roster of suspect materials (Enclosure 3), lists the materials tested. Those that are not already referred to as asbestos containing or assumed asbestos, can be categorized as non-asbestos containing materials.

#### Implications of the findings

As required by state and federal regulations prior to renovation or demolition, any asbestoscontaining materials listed above that could be disturbed by a renovation, will need to be removed by a licensed asbestos abatement contractor employing trained and certified personnel who follow all pertinent asbestos abatement regulations.

Communications (24 hours):

Office: (860) 449-8903

FAX: (860) 449-8860

Toll Free: 1 (800) 247-7746

website: www.mysticair.com

e-mail:maqc2@aol.com



1204 North Road (Rt. 117) Groton, Connecticut 06340

#### Limitations of the Asbestos survey

This survey and report only deal with accessible areas of the building. Additionally, there may be other non-accessible materials above ceilings, behind walls, and below floors that become evident during your renovation activity. Should the requisite EPA/OSHA competent person working for the contractor discover such materials they will need to be tested for asbestos content so determinations of their abatement and disposal (if required) can be made.

#### **TCLP Analysis results**

The results of the TCLP analysis indicate that the building materials subsequent to demolition do not need to be disposed of as lead waste. The sample results were <u>below</u> the EPA's TCLP standard of 5 mg/l for lead.

Please do not hesitate to contact us with questions relating to the sample results. We thank you for the opportunity to conduct this survey.

Sincerely,

Christopher J. Eident CIH, CSP, RS

**CEO** 

Enclosure 1: Laboratory Results Enclosure 2: Chain of Custody

Enclosure 3: Roster of Suspect Materials
Enclosure 4: Inspector's Diagram of Property
Enclosure 5: TCLP Analysis and Chain of Custody

Communications (24 hours):

website: www.mysticair.com

Office: (860) 449-8903

FAX: (860) 449-8860

Toll Free: 1 (800) 247-7746

e-mail:magc2@aol.com

7469 WHITE PINE ROAD - RICHMOND, VA 23237 804-275-4788 FAX 804-275-4907

### BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT:

Mystic Air Quality Consultants

1204 North Road, Rt. 117

Groton, CT 06340

DATE OF RECEIPT:

20 May 2009

DATE OF ANALYSIS: 20 May 2009

DATE OF REPORT:

21 May 2009

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #: PROJECT:

2009-05-0971

Triton Env.; Ranch #1:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01	1/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
02	2/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
03	3/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
04	4/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
05	5/ Gray Powder; Brown Fib.	NAD	. 30% Cellulose 70% Non-Fibrous
06	6/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
07	7/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
08	8/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
	9/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
10	10/ Gray Powder; Brown Fib.	NAD	30% Cellulose 70% Non-Fibrous
11	11/* Tan Vinyl; Tan Fib. *No mastic present.	NAD	40% Cellulose 60% Non-Fibrous
12A	12(a)-Linoleum/ Tan Vinyl; Tan Fib.	NAD	40% Cellulose 60% Non-Fibrous

**CLIENT NUMBER:** 

7-2564 SB

EHS PROJECT #: PROJECT:

2009-05-0971

Triton Env.; Ranch #1;

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
12B	12(b)-Mastic/ Yelllow Adhes	NAD	3% Cellulose 97% Non-Fibrous
13A	13(a)-Linoleum/ Tan Vinyl; Tan Fib.	NAD	40% Cellulose 60% Non-Fibrous
13B	13(b)-Mastic/ Yellow Adhes	NAD	3% Cellulose 97% Non-Fibrous
14A	14(a)-Linoleum/ Brown Vinyl; Brown Fib.	20% Chrysotile 20% Total Asbestos	20% Cellulose 60% Non-Fibrous
14B	14(b)-Mastic/ Yellow Adhes.; Tan Gran.	NAD	2% Cellulose 98% Non-Fibrous
15A	15(a)-Linoleum/	DID NOT ANALYZE	
15B	15(b)-Mastic/ Yellow Adhes.; Tan Gran.	NAD	2% Cellulose 98% Non-Fibrous
16A	16(a)-Linoleum/	DID NOT ANALYZE	
16B	16(b)-Mastic/ Yellow Adhes.; Tan Gran.	NAD	2% Cellulose 98% Non-Fibrous
17	17/ Tan Vinyl; Brown/Black Fib.	NAD	40% Cellulose 60% Non-Fibrous
18	18/ Tan Vinyl; Brown/Black Fib.	NAD	40% Cellulose 60% Non-Fibrous
19	19/ Tan Vinyl; Brown/Black Fib.	NAD	40% Cellulose 60% Non-Fibrous
20A	20(a)-Cove Base/ Black Vinyl	NAD	100% Non-Fibrous
203	20(b)-Mastic/ Tan Adhes.	NAD	5% Cellulose 95% Non-Fibrous
21A	21(a)-Cove Base/ Black Vinyl	NAD	100% Non-Fibrous
21B	21(b)-Mastic/ Tan Adhes.	NAD	5% Cellulose 95% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-0971

PROJECT:

Triton Env.; Ranch #1;

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
22A	22(a)-Cove Base/ Black Vinyl	NAD	100% Non-Fibrous
22B	22(b)-Mastic/ Tan Adhes.	NAD	5% Cellulose 95% Non-Fibrous
27A	23(a)-Tile/ Gray Vinyl	NAD	100% Non-Fibrous
27B	23(b)-Mastic/ Tan Adhes.	NAD	1% Cellulose 99% Non-Fibrous
24A	24(a)-Tile/ Gray Vinyl	NAD	100% Non-Fibrous
24B	24(b)-Mastic/ Tan Adhes.	NAD	1% Cellulose 99% Non-Fibrous
25A	25(a)-Tile/ Gray Vinyl	NAD	100% Non-Fibrous
25B	25(b)-Mastic/ Tan Adhes.	NAD	1% Cellulose 99% Non-Fibrous
26	26/* Tan Vinyl; Tan Fib.  *No mastic present.	NAD	30% Cellulose 10% Fibrous Glass 60% Non-Fibrous
27	27/★ Tan Vinyl; Tan Fib.	NAD	30% Cellulose 10% Fibrous Glass 60% Non-Fibrous
28A	*No mastic present.  28(a)-Linoleum/ Tan Vinyl; Tan Fib.	NAD	30% Cellulose 10% Fibrous Glass 60% Non-Fibrous
28B	28(b)-Mastic/ Yellow Adhes.	NAD	2% Cellulose 98% Non-Fibrous
29	29/ Gray Vinyl; Black Fib.	2% Chrysotile 2% Total Asbestos	38% Cellulose 60% Non-Fibrous
30	30/	DID NOT ANALYZE	

CLIENT NUMBER: EHS PROJECT #:

**7-2564** SB 2009-05-0971

PROJECT:

Triton Env.; Ranch #1;

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
31	31/	DID NOT ANALYZE	
32	32/ Gray Gran.; Black Tar-Like	NAD	35% Cellulose 65% Non-Fibrous
33	33/ Gray Gran.; Black Tar-Like	NAD	35% Cellulose 65% Non-Fibrous
34	34/ Gray Gran.; Black Tar-Like	NAD	35% Cellulose 65% Non-Fibrous
35	35/ Green Gran ; Black Tar-Like	NAD	25% Cellulose 75% Non-Fibrous
36	36/ Green Gran.; Black Tar-Like	NAD	25% Cellulose 75% Non-Fibrous
37	37/ Green Gran.; Black Tar-Like	NAD	25% Cellulose 75% Non-Fibrous
38	38/ Tan Brittle	Trace, <1% Chrysotile <1% Total Asbestos	100% Non-Fibrous
39	39/ Tan Brittle	Trace, <1% Chrysotile <1% Total Asbestos	100% Non-Fibrous
40	40/ Tan Brittle	Trace, <1% Chrysotile <1% Total Asbestos	100% Non-Fibrous
41	41/ Gray Gran.; Black Tar-Like	NAD	35% Cellulose 65% Non-Fibrous
42	42/ Gray Gran.; Black Tar-Like	NAD	35% Cellulose 65% Non-Fibrous
43	43/ Gray Gran.; Black Tar-Like	NAD	35% Cellulose 65% Non-Fibrous
44	44/ White Adhes.	NAD	100% Non-Fibrous
45	45/ White Adhes.	NAD	100% Non-Fibrous
46	46/ White Adhes.	NAD	100% Non-Fibrous

Fay:

## ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

**CLIENT NUMBER:** 

7-2564 SB

EHS PROJECT #:

2009-05-0971

PROJECT:

Triton Env.; Ranch #1;

Marlborough Rd.; Glasontbury, CT

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
47	47/ Black Fib.; Black Tar-Like	NAD	91% Cellulose 9% Non-Fibrous
48	48/ Black Fib.; Black Tar-Like	NAD	91% Cellulose 9% Non-Fibrous
49	49/ Black Fib.; Black Tar-Like	NAD	91% Cellulose 9% Non-Fibrous

QC SAMPLE:

NY-33-3478

QC BLANK:

SRM 1866 Fiberglass

REPORTING LIMIT:

1% Asbestos

METHOD:

Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST:

Christian H. Schaible

Reviewed By Authorized Signatory:

Howard Varner, General Manager

Irma Faszewski, Quality Assurance Coordinator

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND

NAD = no asbestos detected

SCF = suspected ceramic fibers

plm1.dot/05AUG2008/REV3/ MR

-- PAGE 05 of 05 -- END OF REPORT --

Fax:

EHS 2009-05-0971

10/2

49 pcm

# ENVIRONMENTAL HAZARDS SERVICES, INC.

7469 White Pine Road Richmond, Virginia 23237 (804) 275-4788 Fax (804) 275-4907

## CHAIN OF CUSTODY FORM

Custome				Date: 5/18/09		
Company	Name:	VSTIC AID OUT	Phone: 8649 863			
Address:	#14 .	YSTIC AIR QUALITY CONSUL 1204 NORTH RD.	tants, inc.	Fax: 860	ichi.	
City, State, Zip: GROTON, CT 06340 Project Than Civil				1.		
Contact				Clustonba	1500 12 411 100	etibolough f
Sample #	Sample Type	Sample L	ocalion		Time (min.)	Volume (Liters)
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Date/Time	A		Date/Time	Rece	eived By:	
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" DJD

# ENVIRONMENTAL HAZARDS SERVICES, INC.

7469 White Pine Road Richmond, Virginia 23237 (804) 275-4788 Fax (804) 275-4907

Company Name:  Company Name:  MYSTIC AIR QUALITY CONSULTANTS, INC.  Address:  1204 NORTH RD.  City, State, Zip:  GROTON, CT 06340  Project: Triben Env.  Contact:  Sample Sample				1907 ORM	OF CUSTODY F	CHAIN O			•
Company Name:  MYSTIC AIR QUALITY CONSULTANTS, INC.  Address:  1204 NORTH RD.  City, State, Zip:  GROTON, CT 06340  Contact:  Contact:  Sample Sample		-		-		ation:	r Informa	Custom	
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Contact:  Sample Sample  Contact:  C		507	80 445 8	Phone: J	Y CONCULTANTE	TYSTIC AIR QUALITY		Address	
Contact:  Sample Sample  Contact:  C		e (/	CK14 88	Fax	ORTH RD.	1204 NOF		City Dr.	
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CHAIN OF CUSTODY

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1204 North Road (Rt. 117) Groton, Connecticut 06340

Asbestos Containing Suspect Materials Roster

S	ite: <u>429</u>	morthorough A	d. RESIDEN	ITIAL HOUSE #1
	Clusterson	3 11		# <u>Deno</u>
F		· · · · · · · · · · · · · · · · · · ·		
	Type Of - Material	Amount of Material	Condition of Material	Specific Location of Suspect ACM at Site
1-5	and short man	(41 A-1 12005 L	2	Through on T
6-10	Croling short noch	11	2	4
11-13	Linctur	1505-		on 2
3	Liolan	_50sv	2	Hellery Topley-1

20-22	Cove 1305-e	KLAFT		8 9MY
23.25	loxy-First-c	4054		sony Top ly . s.
	Fluores	clus		may middle lag-
	Flooring	405	<u>o</u>	Dony Botton luc-
	Noofing Shirst-s	110054	0	non Toplas
2-27	_			OTT RETERNAL

EPA considers the materials above as "suspect" asbestos-containing materials.

Date: 5/18/09

Inspector

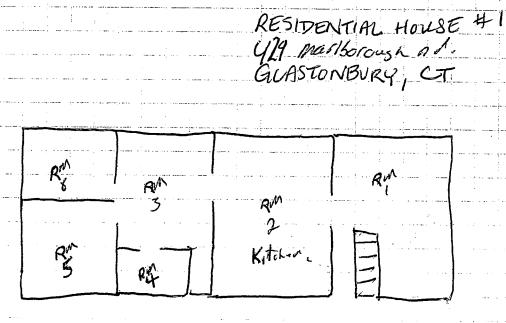
ENCLOSURE 3 PAGE 1 OF 2

Telecommunications (24 hours):

Office: (203) 449-8903 FAX: (203) 449-8860 CT Toll Free: 1 (800)

1 (800) 247-7746

NE Toll Free: 1 (800) 722-7746



7469 WHITE PINE ROAD - RICHMOND, VA 23237 804-275-4788 FAX 804-275-4907

#### TCLP (LEAD) ANALYSIS SUMMARY

CLIENT:

Mystic Air Quality Consultants

1204 North Road, Rt. 117

Groton, CT 06340

DATE OF SAMPLING: 18 May 2009

DATE OF RECEIPT: 20 May 2009

DATE OF ANALYSIS: 22 May 2009

DATE OF REPORT: 22 May 2009

**CLIENT NUMBER:** 

7-2564 SB

**EHS PROJECT #:** 

2009-05-0950

PROJECT:

429 Marlborough Rd.; Residential #1; Glastonbury, CT

EHS CLIENT SAMPLE #/ SAMPLE INITIAL pH CONCENTRATION SAMPLE # LABORATORY GROSS DESCRIPTION WEIGHT (g) PPM (mg/L)

O1 TCLP #1/ 100 7.88 <0.50
Building Debris

QUALITY CONTROL DATA	
BATCH#:	052209T-1
INCLUSIVE EHS SAMPLE NUMBERS:	01
Initial Calibration Verification (5.00ppm Pb)	99.6% Recovery
Continuing Calibration Verification 10 (10.0ppm Pb)	95.7% Recovery
Continuing Calibration Verification 5 (5.00ppm Pb)	96.0% Recovery
Laboratory Control Standard	101% Recovery
Matrix Spike	104% Recovery
Duplicate Relative Percent Difference	0.00 RPD
Regulatory Limit	5.0mg/L
Reporting Limit	$0.50 \mathrm{mg/L}$
Method Detection Limit	0.060mg/L

METHOD:

EPA SW846 1311/3010A/7420

ANALYST:

Aubrey Simonds

Reviewed By Authorized Signatory:

Howard Varner, General Manager

Irma Faszewski, Quality Assurance Coordinator

David Xu, MS, Senior Chemist

#### Method EPA SW846 1311 recommends 100g for analysis.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume etc., was provided by the client. This report shall not be reproduced, except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714

LEGEND

g = gram

ug = microgram

ppm = parts per million

mt = milliliter

Pb = lead

mg/L = milligrams per liter

tclppb2.dot/AA220/05AUG2008/REV4/pd

- PAGE 01 of 01 - END OF REPORT -

EHS 2009-05-0950 VIRONMENTAL HAZARDS SERVICES, L.L.C.
ad Richmond, Virginia 23237 Phone (804) 276-4788 Fax (804) 275-4807

CHAIN OF CUSTODY FORM

				<b>;</b> <del>{</del>	•		•		,
	50	CHRES ESTINA	CHRITS EDAY	4) a recthology 120-Residential #	GLOSSTANDUFY, CT	Partal	Particulate: Total Nulsanoe (NIOSH 0500)	Air Vaiume (L.) OR Wipe Area (H²) OR Sorape Area(om²) Cympusix This Lailanas	Date/Time: \$\int \is\lugare{\sigma}\$ Date/Time: Date/Time: \forall -\forall \cappa -\forall \c
	Date; 5 /18	Confact Name:	Sampler Name:	Project株	860-449-8860	ナーナンション	Indoor	TCLP RCRA 8  Surface Tape	Joodad
5	ity Consulfants	Ţ.	.0:		Fax #: 860-4		peaT	Paint (%) Paint (%) Paint (WM) Paint (mg/cm²) Soil Ambé * (See Note) (Phy) TCLP (Ph)	Signature: Signature: Signature: Signature: Signature: Signature: Signature: Signature: Signature:
	Mystic Air Quality	Ì	Groton, CT 06340	TOKKAB	[∞		Asbestos	Sample & Sam	De wipe samples submitted meet ASTM- eleased by: R. π./κ. ωσωνη ecelyed by: eleased by:
2		Company Names	Address	City, State, Alp:	EHS Client Account # 150-449	×里、On		Sample Sa	A Released by: Released by: Released by: Released by: Released by: Released by:



1204 North Road (Rt. 117) Groton, Connecticut 06340

May 27, 2009

Mr. Frank Kehoe Triton Environmental 385 Church Street, Suite 201 Guilford, Connecticut 06437

Re:

Asbestos Pre-Demolition Inspection (5/18/09)

429 Marlborough Road; Glastonbury, Connecticut

Location: Residential House #2

#### Dear Mr. Kehoe:

As requested, Mystic Air Quality Consultants, Inc. conducted a survey of accessible materials prior to demolition at the location noted above. This survey was conducted on May 18, 2009, by our State of Connecticut licensed asbestos inspector, C.Dustin Maurice, (license # 000661) to determine the presence of asbestos-containing materials. The samples were analyzed at Environmental Hazards Services (NVLAP # 101882-0) in Virginia.

#### **Summary of the Asbestos Findings**

Upon testing by polarized light microscopy, the following materials were found to be asbestos containing:

Sample #s	Material/Location	Estimated Affected Area
13 – 15	Flashing/Roof Seams & Around Chimney	All
22 – 24	1x1 Black & Off White Floor Tile/Kitchen #1	155 sq. ft.
25 – 27	Textured Paint/Dining Room #1	370 sq. ft.
52 – 54	9x9 Floor Tile/Sun Room	180 sq. ft.

#### **Special Considerations**

Any of the non-asbestos roofing materials with flashing attached will need to be treated as asbestos-contaminated and be cut out with the flashing when abated.

#### Non-asbestos containing materials

The roster of suspect materials (Enclosure 3), lists the materials tested. Those that are not already referred to as asbestos containing or assumed asbestos, can be categorized as non-asbestos containing materials.

Communications (24 hours):

Office: (860) 449-8903

FAX: (860) 449-8860

Toll Free: 1 (800) 247-7746

website: www.mysticair.com

e-mail:maqc2@aol.com



1204 North Road (Rt. 117) Groton, Connecticut 06340

#### Implications of the findings

As required by state and federal regulations prior to renovation or demolition, any asbestoscontaining materials listed above that could be disturbed by a renovation, will need to be removed by a licensed asbestos abatement contractor employing trained and certified personnel who follow all pertinent asbestos abatement regulations.

#### Limitations of the Asbestos survey

This survey and report only deal with accessible areas of the building. Additionally, there may be other non-accessible materials above ceilings, behind walls, and below floors that become evident during your renovation activity. Should the requisite EPA/OSHA competent person working for the contractor discover such materials they will need to be tested for asbestos content so determinations of their abatement and disposal (if required) can be made.

Please do not hesitate to contact us with questions relating to the sample results. We thank you for the opportunity to conduct this survey.

Sincerely

Christopher J. Eident CIH, CSP, RS

**CEO** 

Enclosure 1: Laboratory Results Enclosure 2: Chain of Custody

Enclosure 3: Roster of Suspect Materials
Enclosure 4: Inspector's Diagram of Property

Communications (24 hours):

website: www.mysticair.com

Office: (860) 449-8903

FAX: (860) 449-8860

e-mail:maqc2@aol.com

Toll Free: 1 (800) 247-7746

7469 WHITE PINE ROAD - RICHMOND, VA 23237 804-275-4788 FAX 804-275-4907

#### **BULK ASBESTOS SAMPLE ANALYSIS SUMMARY**

CLIENT:

Mystic Air Quality Consultants

1204 North Road, Rt. 117

Groton, CT 06340

DATE OF RECEIPT:

20 May 2009

DATE OF ANALYSIS: 20-21 May 2009

DATE OF REPORT:

21 May 2009

CLIENT NUMBER;

7-2564 SB

EHS PROJECT #:

2009-05-0969

PROJECT:

429 Marlborough Rd.-Residential House #2; Glastonbury, CT

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01	1/ Black Brittle; Black Fib.; Multi-Colored Aggregate	NAD	20% Cellulose 80% Non-Fibrous
02	2/ Black Brittle; Black Fib.; Multi-Colored Aggregate	NAD	20% Cellulose 80% Non-Fibrous
. 03	3/ Black Brittle; Black Fib.; Multi-Colored Aggregate	NAD	20% Cellulose 80% Non-Fibrous
04	4/ Black/Translucent Pliable	NAD	8% Cellulose 35% Fibrous Glass 57% Non-Fibrous
05	5/ Black/Translucent Pliable	NAD	5% Cellulose 35% Fibrous Glass 60% Non-Fibrous
06	6/ Black/Translucent Pliable	NAD	5% Cellulose 35% Fibrous Glass 60% Non-Fibrous
07	7/ Gray/White Brittle	NAD	2% Cellulose 2% Wollastonite 96% Non-Fibrous
08	8/ Gray/White Brittle	NAD	2% Cellulose 2% Wollastonite 96% Non-Fibrous
09	9/ Gray/White Brittle	NAD	2% Cellulose 2% Wollastonite 96% Non-Fibrous

CLIENT NUMBER: EHS PROJECT #:

7-2564 SB 2009-05-0969

≥ROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
10	10/ Gray/White Brittle	NAD	1% Cellulose 2% Talc 97% Non-Fibrous
11	11/ Gray/White Brittle	NAD	1% Cellulose 1% Talc 98% Non-Fibrous
12	12/ Gray/White Brittle	NAD	1% Cellulose 1% Talc 98% Non-Fibrous
13	13/ Black Pliable	15% Chrysotile 15% Total Asbestos	3% Cellulose 82% Non-Fibrous
14	14/	DID NOT ANALYZE	
15	15/	DID NOT ANALYZE	
16	16/ Black Fib.	NAD	65% Cellulose 35% Non-Fibrous
17	17/ Black Fib.	NAD	65% Cellulose 35% Non-Fibrous
18	18/ Black Fib.	NAD	65% Cellulose 35% Non-Fibrous
19	19/ Pale Beige Brittle; Off-White Pliable	NAD	1% Cellulose 99% Non-Fibrous
20	20/ Tan Fib.; White/Beige Brittle	NAD	55% Cellulose 45% Non-Fibrous
21	21/ Tan Fib.; White/Beige Brittle	NAD	30% Cellulose 70% Non-Fibrous
22A	22 (a)-Black Tile/ Black Gran.	2% Chrysotile 2% Total Asbestos	2% Cellulose 96% Non-Fibrous
22B	22 (b)-Mastic on Black Tile/ Yellow Adhes.	NAD	4% Cellulose 96% Non-Fibrous
22C	22 (c)•Off-White Tile/ Off-White Gran.	2% Chrysotile 2% Total Asbestos	98% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #: 'ROJECT:

2009-05-0969 429 Marlborough Rd.-Residential House #2; Glastonbury, CT

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
22D	22 (d)-Mastic on Off-White Tile/ Dark Yellow Adhes.	NAD	4% Cellulose 96% Non-Fibrous
23A	23 (a)-Black Tile/	DID NOT ANALYZE	
23B	23 (b)-Mastic on Black Tile/ Yellow Adhes.	NAD	5% Cellulose 95% Non-Fibrous
23C	23 (c)-Off-White Tile/	DID NOT ANALYZE	
23D	23 (d)-Mastic on Off-White Tile/ Yellow Adhes.	NAD	4% Cellulose 96% Non-Fibrous
24A	24 (a)-Black Tile/	DID NOT ANALYZE	
24B	24 (b)-Mastic on Black Tile/ Yellow Adhes.	NAD	5% Cellulose 95% Non-Fibrous
24C	24 (c)-Off-White Tile/	DID NOT ANALYZE	
24D	24 (d)-Mastic on Off-White Tile/ Dark Yellow Adhes.	NAD	4% Cellulose 96% Non-Fibrous
25	25/ Beige/Off-White Brittle	2% Chrysotile * 2% Total Asbestos	1% Cellulose 1% Wollastonite 96% Non-Fibrous
		★Present in off-white textur layer.	ing compound-type
26	26/	DID NOT ANALYZE	
27	27/	DID NOT ANALYZE	
28A	28 (a)-Surfacing Panel/ Off-White/Brown Brittle	NAD	60% Cellulose 40% Non-Fibrous
28B	28 (b)-Mastic/ Yellow Adhes.	NAD	7% Cellulose 93% Non-Fibrous
29A	29 (a)-Surfacing Panel/ Off-White/Brown Brittle	NAD	60% Cellulose 40% Non-Fibrous
29B	29 (b)-Mastic/ Yellow Adhes.	NAD	7% Cellulose 93% Non-Fibrous
30A	30 (a)-Surfacing Panel/ Off-White/Brown Brittle	NAD	60% Cellulose 40% Non-Fibrous

CLIENT NUMBER: EHS PROJECT #: **7-2564** SB 2009-05-0969

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
30B	30 (b)-Mastic/ Yellow Adhes.	NAD	7% Cellulose 93% Non-Fibrous
31A	31 (a)-Cove Base/ Gray/Black Vinyl-Like	NAD	100% Non-Fibrous
31B	31 (b)-Mastic/ Pale Yellow Adhes.	NAD	5% Cellulose 95% Non-Fibrous
32A	32 (a)-Cove Base/ Gray/Black Vinyl-Like	NAD	100% Non-Fibrous
32B	32 (b)-Mastic/ Pale Yellow Adhes.	NAD	5% Cellulose 95% Non-Fibrous
33A	33 (a)-Cove Base/ Gray/Black Vinyl-Like	NAD	100% Non-Fibrous
33B	33 (b)-Mastic/ Pale Yellow Adhes.	NAD	4% Cellulose 96% Non-Fibrous
34A	34 (a)-Surfacing Panel/ Pale Red/Brown Brittle	NAD	60% Cellulose 40% Non-Fibrous
34B	34 (b)-Mastic/ Dark Yellow Adhes.	NAD	10% Cellulose 90% Non-Fibrous
35A	35 (a)-Surfacing Panel/ Pale Red/Brown Brittle	NAD	60% Cellulose 40% Non-Fibrous
35B	35 (b)-Mastic/ Dark Yellow Adhes.	ŊAD	10% Cellulose 90% Non-Fibrous
36A	36 (a)-Surfacing Panel/ Pale Red/Brown Brittle	NAD	60% Cellulose 40% Non-Fibrous
36B	36 (b)-Mastic/ Dark Yellow Adhes.	NAD	10% Cellulose 90% Non-Fibrous
37A	37 (a)-Linoleum/ Brown Vinyl; Green Fib.	NAD	20% Cellulose 80% Non-Fibrous
37B	37 (b)-Mastic/ Brown Adhes.	NAD	100% Non-Fibrous
38	38/ Brown Vinyl; Green Fib.	NAD	20% Cellulose 80% Non-Fibrous

CLIENT NUMBER: EHS PROJECT #:

7-**2564** SB 2009-05-0969

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
39A	39 (a)-Linoleum/ Brown Vinyl; Green Fib.	NAD	20% Cellulose 80% Non-Fibrous
39B	39 (b)-Mastic/ Brown Adhes.	NAD	100% Non-Fibrous
40	40/ Gray Vinyl; Brown Fib.	NAD	20% Cellulose 80% Non-Fibrous
41A	41 (a)-Linoleum/ Gray Vinyl; Beige Fib.	NAD	20% Cellulose 80% Non-Fibrous
41B	41 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
42A	42 (a)-Linoleum/ Gray Vinyl; Brown Fib.	NAD	20% Cellulose 80% Non-Fibrous
42B	42 (b)-Mastic/ Yellow Adhes.	NAD	100% Non-Fibrous
43A	43 (a)-Mastic I/ Yellow Adhes.	NAD	100% Non-Fibrous
43B	43 (b)-Linoleum/ Red Vinyl; Brown Fib.	NAD	20% Cellulose 80% Non-Fibrous
43C	43 (c)-Mastic II/ Brown Adhes.	NAD	100% Non-Fibrous
44A	44 (a)-Mastic I/ Yellow Adhes.	NAD	100% Non-Fibrous
44B	44 (b)-Linoleum/ Red Vinyl; Brown Fib.	NAD	20% Cellulose 80% Non-Fibrous
44C	44 (c)-Mastic II/ Brown Adhes	NAD	100% Non-Fibrous
, 45A	45 (a)-Mastic I/ Yellow Adhes.	NAD	100% Non-Fibrous
45B	45 (b)-Linoleum/ Red Vinyl; Brown Fib.	NAD	20% Cellulose 80% Non-Fibrous
45C	45 (c)-Mastic II/ Brown Adhes.	NAD	100% Non-Fibrous

CLIENT NUMBER; EHS PROJECT #: **7-2564** SB 2009-05-0969

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #I LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
46A	46 (a)-Tile/ Beige Vinyl	NAD	10% Cellulose 90% Non-Fibrous
46B	46 (b)-Mastic I/ Brown Adhes.	NAD	100% Non-Fibrous
46C	46 (c)-Felt I/ Black Fib.	NAD	98% Cellulose 2% Non-Fibrous
<b>46</b> D	46 (d)-Mastic II/ Brown Adhes.	NAD	100% Non-Fibrous
46E	46 (e)-Felt IV Brown Fib.	NAD	98% Cellulose 2% Non-Fibrous
47A	47 (a)-Tile/ Beige Vinyl	NAD	10% Cellulose 90% Non-Fibrous
47B	47 (b)-Mastic V Brown Adhes.	NAD	100% Non-Fibrous
47C	47 (c)-Felt I/ Black Fib.	NAD	98% Cellulose 2% Non-Fibrous
47D	47 (d)-Mastic II/ Brown Adhes.	NAD	100% Non-Fibrous
47E	47 (e)-Felt II/ Brown Fib.	NAD	98% Cellulose 2% Non-Fibrous
48A	48 (a)-Tile/ Beige Vinyl	NAD	10% Cellulose 90% Non-Fibrous
48B	48 (b)-Mastic I/ Brown Adhes.	NAD	100% Non-Fibrous
48C	48 (c)-Felt I/ Black Fib.	NAD	98% Cellulose 2% Non-Fibrous
48D	48 (d)-Mastic II/ Brown Adhes.	NAD	100% Non-Fibrous
48E	48 (e)-Felt II/ Brown Fib.	NAD	98% Cellulose 2% Non-Fibrous
49A	49 (a)-Mastic I/ Brown Adhes.	NAD	100% Non-Fibrous

CLIENT NUMBER: EHS PROJECT #:

**7-2564** SB 2009-05-0969

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
49B	49 (b)-Felt I/ Black Fib.	NAD	98% Cellulose 2% Non-Fibrous
49C	49 (c)-Mastic IV Brown Adhes.	NAD	100% Non-Fibrous
49D	49 (d)-Felt II/ Brown Fib.	NAD	98% Cellulose 2% Non-Fibrous
49E	49 (e)-Mastic II/ Brown Adhes.	NAD	100% Non-Fibrous
50A	50 (a)-Mastic <i>V</i> Brown Adhes.	NAD	100% Non-Fibrous
50B	50 (b)-Felt/ Black Fib.	NAD	98% Cellulose 2% Non-Fibrous
50C	50 (c)-Mastic II/ Brown Adhes.	NAD	100% Non-Fibrous
51A	51 (a)-Mastic I/ Brown Adhes.	NAD	100% Non-Fibrous
51B	51 (b)-Felt I/ Black Fib.	NAD	98% Cellulose 2% Non-Fibrous
51C	51 (c)-Mastic II/ Brown Adhes.	NAD ·	100% Non-Fibrous
51D	51 (d)-Felt II/ Brown Fib.	NAD	98% Cellulose 2% Non-Fibrous
52A	52 (a)-Tile/ Gray Vinyl	5% Chrysotile 5% Total Asbestos	95% Non-Fibrous
52B	52 (b)-Mastic/ Black Adhes.	NAD	100% Non-Fibrous
53A	53 (a)-Tile/	DID NOT ANALYZE	
53B	53 (b)-Mastic/ Black Adhes.	NAD	100% Non-Fibrous
54A	54 (a)-Tile/	DID NOT ANALYZE	

CLIENT NUMBER: EHS PROJECT #:

**7-2564** SB 2009-05-0969

'ROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
54B	54 (b)-Mastic/ Black Adhes.	NAD	100% Non-Fibrous
55	55/ Yellow Adhes.	NAD	20% Fibrous Glass 80% Non-Fibrous
56	56/ Brown Fib.	NAD	45% Cellulose 35% Fibrous Glass 20% Non-Fibrous
57	57/ Brown Fib.	NAD	45% Cellulose 35% Fibrous Glass 20% Non-Fibrous
58	58/ Brown Fib.	MAD	45% Cellulose 35% Fibrous Glass 20% Non-Fibrous
59	59/ Brown Fib.; Off-White Chalky	NAD	15% Cellulose 85% Non-Fibrous
, 60	60/ Brown Fib.; Off-White Chalky	NAD	15% Cellulose 85% Non-Fibrous
61	61/ Brown Fib.; Off-White Chalky	NAD	15% Cellulose 85% Non-Fibrous
62	62/ Brown Fib.; Off-White Chalky	NAD	15% Cellulose 85% Non-Fibrous
63	63/ Gray Paint-Like; Brown Fib.; White Chalky	NAD	15% Cellulose 85% Non-Fibrous
64	64/ White Paint-Like; Brown Fib.; Gray Chalky	NAD	15% Cellulose 85% Non-Fibrous
65	65/ Brown Fib.; White Chalky	NAD	15% Cellulose 85% Non-Fibrous
66	66/ White/Gray Chalky; Brown Fib.	NAD	15% Cellulose 85% Non-Fibrous
67	67/ White Paint-Like; Brown Fib.; Gray Chalky	NAD	15% Cellulose 85% Non-Fibrous

**CLIENT NUMBER:** 

7-2564 SB

EHS PROJECT #:

2009-05-0969

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS .
68	68/ White Paint-Like; Brown Fib.; Gray Chalky	NAD	15% Cellulose 85% Non-Fibrous
69	69/ Brown Paint-Like; Fib.; Gran.; White Chalky	NAD	10% Cellulose 90% Non-Fibrous
70	70/ Red/Beige Fib.; White Chalky; Gray Gran.	NAD	10% Cellulose 90% Non-Fibrous
71	71/ Brown Fib.; Paint-Like; White Chalky; Gray Gran.	NAD	10% Cellulose 90% Non-Fibrous
72	72/ Beige/Red/Brown Fib.; White Chalky; Gray Gran.	NAD	10% Cellulose 90% Non-Fibrous
73	73/ Red/Brown Fib.; White Chalky; Gray Gran	NAD	10% Cellulose 90% Non-Fibrous
74	74/ White Paint-Like; Gray Gran.	NAD	100% Non-Fibrous
75	75/ Brown Fib.; Beige Gran	NAD	10% Cellulose 90% Non-Fibrous
76	76/ Brown Fib.; Beige Gran.	NAD	10% Cellulose 90% Non-Fibrous
77	77/ Brown Fib.; Gray Gran.	NAD	10% Cellulose 90% Non-Fibrous
78	78/ Brown Fib.; White Paint-Like; Gray Gran.	NAD	10% Cellulose 90% Non-Fibrous
79	79/ Beige Fib.	NAD	98% Cellulose 2% Non-Fibrous
80	80/ Beige Fib.	NAĐ	98% Cellulose 2% Non-Fibrous
81	81/ Beige Fib.	NAD	98% Cellulose 2% Non-Fibrous

#### Fax:

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: EHS PROJECT#:

7-2564 SB 2009-05-0969

?ROJECT:

429 Marlborough Rd.-Residential House #2; Glastonbury, CT

QC SAMPLE:

M21995-2

NY-33-3478

QC BLANK:

SRM 1866 Fiberglass

REPORTING LIMIT:

1% Asbestos

METHOD:

Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST:

Mark Case Laura Holder

Reviewed By Authorized Signatory:

Howard Varner, General Manager

Irma Faszewski, Quality Assurance Coordinator

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982,

LEGEND

NAD = no asbestos detected

SCF = suspected ceramic fibers

plm1.dot/05AUG2008/REV3/pd

-- PAGE 10 of 10 -- END OF REPORT --

Eng 2009-05-0969

ENVIRONMENTAL HAZARUS SERVICES, L.L.C. 7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907 CHAIN OF CUSTODY FORM

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		EDINT	1	L 2002 (1) - Resident 1500 CA	C. C.		Parfloulate: Total Nulsance (NIOSH 0500)	Respirable (NiCostrubbus)		Comments		Shangles	ナギ	Caulking,	(3) a 2-400	1 1 a shows	なけられる	Pople will ship	LY/ FloorTily + Maly	Trochmen Pand	Former I whate		5 118/04	JUNDY HALL		
	5/19/09	3 XUH)	CHOS E	439 madband fel	( Jessonary	TRATOR	Parficulate: Total Nu	Resp	Air Volume (L)	Wipe Area (ft²)		•		(	(FC)	<							Date/Time:	Date/Time: >/	Date/Time:	Date/Time:
	Dater	Contact Name:	Sampler Name:	Project#:	I	Client:		Alr Quality		sw2 e	Biocas Siide Suffaci Suffaci		•	·												
	7				860-449-8860	· ·	Other Metals	(Specify metals below)	8 , 9r	ASOS Rung E	Waste T Weldin Toxic M											Yes No	a bresidide			•
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	uality Consi	Road	6340		Fax 株		·	( <del>\)</del>	S(ILV)	A) Johnson	FIN CO	1										TM-E1792 red	Signature:		Signáture:	Signature
	Mystic Air Quality Consultan	1204 North Road	Groton, CT 06340	7-2564 B	860-449-8903		Asbesfos		Sount fund	oy PL iber int Co	PLM GRAPE PLM PO BULL ID I	7 7									- <u>-</u>	niffed meet AS	God I C. L. Marker of			
ハく				, mir	860-44			•		Ple Sample		3 2	FB. 81.25			7	5	18	7.7	22.24	25.27	Caramida submitted meet ASTM-E1792 requirements?	1 bv: 13 0-14	3	3 bv:	1 1
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ENVIRONMENTAL HAZAR. SERVICES, L.L.C. 7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907 CHAIN OF CUSTODY FORM

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-	**DON	Track	ward mark			Comments	Courbane Fed.	0	1/10	Floor TEN & MASA	Ber The	1 (	1860		
5/18/09		•	KESTOROTIAL H	TRETOR		Air Volume OR OR Wipe Area OR Sorape		DX C		)			Date/Time: 5	Date/Time: S/ Date/Time:	Date/Time:
Dafe:	Contact Name	Sampler Nam		client:		-11							No		
			860-449-8860	:	Other M	Vaste Water CLP (Pb)	N I								*
, Conșultants			Fax 船	· .	read .	(%) Inte (M99) Inte ( ^S mo\gm) Inte (Fo	ਰ ਰ						1792 requirement	거 ]	Signature:
tic Air Quality	4 North Road	ton, CT 06340	7-2564 B 3903	·	Asbestos	CM) Fiber Count  Reint Count M. Point Gravimetric M. Gravimetric	lਰ lਰ ਰ)			·			ted meet ASTM E	K. Woodarrd	
	Í	Gro	ount#			Sample Date & Time	5/18/01						O O	$\sim$	
	Company Name address:	City State Zin:	t Acc		, iii (), i	Sample Number		29-36	40-42				<b>≯</b> ×	Released by: Received by:	Released by:
	Mystic Air Ouality Consultants Date:	Mystic Air Quality Consultants    Mystic Air Quality Consultants   5   18   64     1204 North Road   Contact Name: (Hats	Mystic Air Quality Consultants    Date: 5   8   64   1204 North Road   Confact Name: (HR+5 & EDEN   Groton, CT 06340   Sampler Name: (HRX & EDEN   1.06340   CT 06340   CT 06340	Name:         Mystic Air Quality Consultants         Date:         5   18           1204 North Road         Contact Name:         (Contact Name:         (Account #: 7-2564 B         Project #: 14.8860           1204 North Road         Fax #: 860-449-8860         Contact Name:         (Contact Name: 14.8860         (Contact Name: 14.8860         (Contact #: 14.8860 <td< td=""><td>1204 North Road ste, Zip: Groton, CT 06340 ste, Zip: Groton, CT 0634 ste, Zip: Resident Mane: (Hest of the the the the the the the the the the</td><td>Name: Mystic Air Quality Consultants  1204 North Road  1204 North Road  Confact Name: (HRL) Expert  Chick Stand Sampler Name: (HRL) Expert  1204 North Road  Chick Stand Other Metals Indoor Particulate: Total Nulsange (NIOSH 0500)</td><td>  1204 North Road   1204 North</td><td>Company Names: Mystic Air Quality Consultants  Address: 1204 North Road  Address: 1204 North Road  City, State, Zlp: Groton, CT 06340  Phone #: 860-449-8903  P.O. #: Chery to the Metals Indoor Partoulate Total Metals Indoor Partoulate Most Group Indoor Partoulate Total Metals Indoor Partoulate Most Group I</td><td>  1204 North Road</td><td>  Confact Name:   Confact Air Quality Consultants   Date:   S   18   69    </td><td>Company Name: Mystic Air Onality Consultants Date: 5   8   64   Address: 1204 North Road Confert Name: (上在工 を記れて において 1204 North Road Name: Name: Road Name: Nam</td><td>Company Names: Mystic Air Quality Consultants Date: 5   8   64   Contact Name: (上記4 North Road Contact Name: (上記4 North Road Contact Name: (上記5 North Road Contact Name: (小記5 North Road Contact Name: (小25 North Road</td><td>  Company Name   Mystic Air Quality Consultants   Date:   S   8   64    </td><td>  Confect Name</td><td>  1204 North Road   Address   Sampler Name   Contact Name   Chicar   Caron   Contact Name   Chicar   Caron   C</td></td<>	1204 North Road ste, Zip: Groton, CT 06340 ste, Zip: Groton, CT 0634 ste, Zip: Resident Mane: (Hest of the	Name: Mystic Air Quality Consultants  1204 North Road  1204 North Road  Confact Name: (HRL) Expert  Chick Stand Sampler Name: (HRL) Expert  1204 North Road  Chick Stand Other Metals Indoor Particulate: Total Nulsange (NIOSH 0500)	1204 North Road   1204 North	Company Names: Mystic Air Quality Consultants  Address: 1204 North Road  Address: 1204 North Road  City, State, Zlp: Groton, CT 06340  Phone #: 860-449-8903  P.O. #: Chery to the Metals Indoor Partoulate Total Metals Indoor Partoulate Most Group Indoor Partoulate Total Metals Indoor Partoulate Most Group I	1204 North Road	Confact Name:   Confact Air Quality Consultants   Date:   S   18   69	Company Name: Mystic Air Onality Consultants Date: 5   8   64   Address: 1204 North Road Confert Name: (上在工 を記れて において 1204 North Road Name: Name: Road Name: Nam	Company Names: Mystic Air Quality Consultants Date: 5   8   64   Contact Name: (上記4 North Road Contact Name: (上記4 North Road Contact Name: (上記5 North Road Contact Name: (小記5 North Road Contact Name: (小25 North Road	Company Name   Mystic Air Quality Consultants   Date:   S   8   64	Confect Name	1204 North Road   Address   Sampler Name   Contact Name   Chicar   Caron   Contact Name   Chicar   Caron   C

ENVIRONMENTAL HAZAŁUS SERVICES, L.L.C. 7489 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4768 Fax (804) 275-4907 **CHAIN OF CUSTODY FORM** 

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		Diat	Resident to 8 # 2- 479 madelle	Jary 18		sance (NIOSH 0500)	Respirable (NIOSH 0800) (L.) (R.) (Comments	Sheet-Rock Lably	0/2/2	> 45te Cichias	Blown (Alblora					11/04	down 11cm	
	0		Residente H	(-Lastro-laste,	TRETER	Particulate: Tot	Alr Volume OR Wipe Area ( OR Sorape			60	2,00					Date/Time: 5	Date/Ime: Octo	Date/Time:
<i>i</i> 1	Date: 5    8 09	Sampler Name:	Project #:		Client:		Siocsssette Siotsssette Surface Swab Surface Tape								No [			
		-		860-449-8860	1 •	Other Metals	Mine * (See Note)  Vaste Water  CLP (Pb)  Welding Fume  Welding Fume	\							sa Yes	we ready	A	
Consulfants	Ly Consuments			Fax 株	· .	Lead	ri. (%) jris: (M99) jris: (Emolom) iris: lio:	4 1		,					1792 requirements?	Signature: ਸੁ	Signature: O	Signature:
4;10 °C 7; 4 ° ;7	Mystic Air Quanty Consumants	Groton, CT 06340	7-2564 B	8903		Asbestos	ulk ID by PLM PCM) Fiber Count LM Point Count LM Gravimetric				19.				Do wipe samples submitted meet ASTM E1792 require	a. wroadsh	7	
	İ		Sounta:	860-449-8903			Sample Date & Time	5-18-09			17	>			Jes submitt	B. Costo. 1	1 1 11	
	Company Name:	Address:	EHS Client Account 概:	Phone # .	P.O. 株		Sample	£7~55.	89-60	14:10	(8-66		CLOSU	IRF.	ж	IX.	Received by: L	Released by:

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ENCLOSURE 2 PAGE 3 OF 3



# Mystic Air Quality Consultants, Inc.

1204 North Road (Rt. 117) Groton, Connecticut 06340

<u>Asbestos</u>	Containing	Suspect	Materials	Roster
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S	site: <u>429</u>	Marlboroug	sh Rd Res	idential Hove #2	
	•	anbury, CT		# Demo	
	Type Of - Material	Amount of , Material	Condition of Material	Specific Location of Suspect ACM at Site	- '
(1-3)	shingles Felt	2500 FT 2500 FT	Dumaged	Roof in J. 11	
(7-9)	<u>Caulking</u>	<u>24</u> 34			
(13-15)	Flashma Felt Paper	MKow 30- EX		Poof Scam / Chingy	*
	Popusou Creling  IXI Floor Tile  BIW W/ Mustre	7900 Ft ²		Sun Room against House Sur Room/ Thought 2nd f leithen #1	
(25-27)	Texture Paint	370 F+2		DINNING ROOM # ]	
_ `.	Courbage	30 Lm F1		kitch # 1 County / 4 wall	

EPA considers the materials above as "suspect" asbestoscontaining materials.

	51	iQ	19	
Date:	21	101	01	

Inspector D. Mauril

Telecommunications (24 hours):

Office: (203) 449-8903 12031 440-8860

FAY.

CT Toll Free: 1 (800) 247-7746

NE Toll Free: 1 (800) 722-7746

ENCLOSURE 3 PAGE 1 OF 2



# Mystic Air Quality Consultants, Inc.

1204 North Road (Rt. 117) Groton, Connecticut 06340

<u>Asbestos</u>	Containing	Suspect	<u>Materials</u>	Roster
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S	ite: 429	Marlboroug	h Rd-Residen	Tial House # d	
	<i>*</i>	STONDOM, (	•	# Dend	
Г					
	Type Of -	Amount of	Condition of	Specific Location of Suspect ACM	-
	Material	Material '	Material	at Site	
(- 26)		01612		1 = loc/	. <b>1</b> .:
1	Lmoloum Han	35F12	- Danged	Hallway 1st Floo /www	
(40-42)	Lmoleum/ Cry			Pitchew # 2/ TOP Lax	
	Looken / Red			kitchen # 2 / Top Lay	
- Ky6-48)	Floo- Tik /Tan	ν		kithw #2/Botton	ayer only ply
_		155		Kithen H	
(42-54)	gyg Too	180 Ft		SUN ROOM	
(55)	- Flux Cement	38+2		Basement France	•
(56-58)	Cochy Tile	400 Ft2		Frues Bernst	
(59-63)	Sharfock vall	\$ 5000 F+2		Throughout_	
(c4-68)	Sheel Pork Croling	<del>}</del>			
(69-73)	Wall plants				
(74-7 ⁷	Cooling Plasters Blow Insulation	<u> </u>	\	S.v. J. Foo M	•
(79.8)	1 Blow Insulation	1	1.85	N 600 A 1.	<u>.</u>

EPA considers the materials above as "suspect" asbestoscontaining materials.

Date:	5/18/09	Inspector	D,	Maurice	
Da cc.					

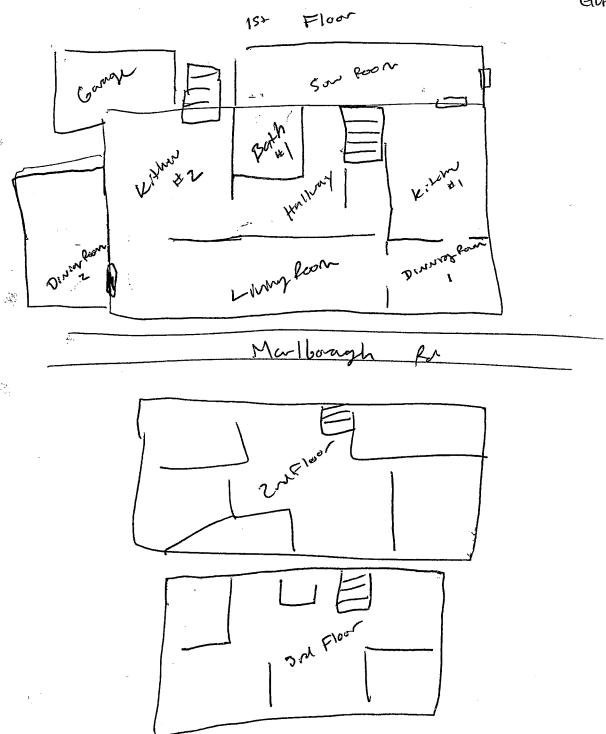
ENCLOSURE 3 PAGE 2 OF

Telecommunications (24 hours):

Office: (203) 449-8903 1903/ 440-8860 CT Toll Free: 1 (800) 247-7746

1 (800) 722-774 NE Toll Free:

KESIDENTIAL HOUSEZ 429 Marlborough GLASTONBURY,CT





# Mystic Air Quality Consultants, Inc.

1204 North Road (Rt. 117) Groton, Connecticut 06340

May 26, 2009

Mr. Frank Kehoe Triton Environmental 385 Church Street, Suite 201 Guilford, Connecticut 06437

Re:

Asbestos Pre-Demolition Inspection (5/18/09)

429 Marlborough Road; Glastonbury, Connecticut

Location: Residential House #3

#### Dear Mr. Kehoe:

As requested, Mystic Air Quality Consultants, Inc. conducted a survey of accessible materials prior to demolition at the location noted above. This survey was conducted on May 18, 2009, by our State of Connecticut licensed asbestos inspector, C.Dustin Maurice, (license # 000661) to determine the presence of asbestos-containing materials. The samples were analyzed at Environmental Hazards Services (NVLAP # 101882-0) in Virginia.

### **Summary of the Asbestos Findings**

Upon testing by polarized light microscopy, the following materials were found to be asbestos containing:

Sample #s	Material/Location	Estimated Affected Area
23 - 25	Linoleum/1st floorKitchen & Hallway	350 sq. ft.
35 - 37	Linoleum/2 nd floor -Bathroom #3	75 sq. ft.
41 - 43	Joint Compound/Bathroom #3	75 sq. ft.
53 – 55	Floor Tile/Bathroom #5	60 sq. ft.
59 – 61	Mastic/On cove base throughout basement -except bathroom #5	5 130 linear ft.
68 - 70	Flashing Tar/Around penetrations on roof	20 sq. ft.

#### **Special Considerations**

*The sheetrock is not asbestos. However, because the joint compound is asbestos, the sheetrock should not be sanded, abraded, or ground and only properly trained workers are to be involved in renovation/demolition activities. When demolition occurs the sheetrock system may be disposed of as non-asbestos waste.

Any of the non-asbestos roofing materials with flashing attached will need to be treated as asbestos-contaminated and be cut out with the flashing when abated.

Communications (24 hours):

Office: (860) 449-8903

FAX: (860) 449-8860

Toll Free: 1 (800) 247-7746

website: www.mysticair.com

e-mail:maqc2@aol.com



# Mystic Air Quality Consultants, Inc.

1204 North Road (Rt. 117) Groton, Connecticut 06340

### Non-asbestos containing materials

The roster of suspect materials (Enclosure 3), lists the materials tested. Those that are not already referred to as asbestos containing or assumed asbestos, can be categorized as non-asbestos containing materials.

### Implications of the findings

As required by state and federal regulations prior to renovation or demolition, any asbestoscontaining materials listed above that could be disturbed by a renovation, will need to be removed by a licensed asbestos abatement contractor employing trained and certified personnel who follow all pertinent asbestos abatement regulations.

### Limitations of the Asbestos survey

This survey and report only deal with accessible areas of the building. Additionally, there may be other non-accessible materials above ceilings, behind walls, and below floors that become evident during your renovation activity. Should the requisite EPA/OSHA competent person working for the contractor discover such materials they will need to be tested for asbestos content so determinations of their abatement and disposal (if required) can be made.

Please do not hesitate to contact us with questions relating to the sample results. We thank you for the opportunity to conduct this survey.

Sincerely.

Christopher J. Eident CIH, CSP, RS

CEO

Enclosure 1: Laboratory Results Enclosure 2: Chain of Custody

Enclosure 3: Roster of Suspect Materials

Enclosure 4: Inspector's Diagram of Property

Communications (24 hours):

website: www.mysticair.com

Office: (860) 449-8903

FAX: (860) 449-8860

e-mail:magc2@aol.com

Toll Free: 1 (800) 247-7746

7469 WHITE PINE ROAD - RICHMOND, VA 23237 804-275-4788 FAX 804-275-4907

### **BULK ASBESTOS SAMPLE ANALYSIS SUMMARY**

CLIENT:

Mystic Air Quality Consultants

1204 North Road, Rt. 117

Groton, CT 06340

DATE OF RECEIPT:

20 May 2009

DATE OF ANALYSIS: 20 May 2009

DATE OF REPORT:

21 May 2009

**CLIENT NUMBER:** 

7-2564 SB

**EHS PROJECT #:** 

2009-05-0968

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01	1/ White Brittle	NAD	2% Talc 98% Non-Fibrous
02	2/ White Brittle	NAD	2% Talc 98% Non-Fibrous
03	3/ White Brittle	NAD	1% Talc 99% Non-Fibrous
04	4/ White Brittle	NAD	100% Non-Fibrous
05	5/ White Brittle	NAD	100% Non-Fibrous
06	6/ White Brittle	NAD	100% Non-Fibrous
07	7/ White Gran.	NAD -	100% Non-Fibrous
08	8/ White Gran	NAD	100% Non-Fibrous
09	9/ White Gran.	NAD	100% Non-Fibrous
10	10/ White Powder; Tan Fib.	NAD	26% Cellulose 74% Non-Fibrous
11	11/ White Powder; Tan Fib.	NAD	25% Cellulose 75% Non-Fibrous
12	12/ White Powder; Tan Fib.	NAD	25% Cellulose 75% Non-Fibrous
13	13/ White Powder; Tan Fib.	NAD	26% Cellulose 74% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-0968

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
14	14/ Gray Gran.	NAD	100% Non-Fibrous
15	15/ Gray Gran.	NAD	100% Non-Fibrous
16	16/ White/Gray Gran.	NAD	100% Non-Fibrous
17	17/ White/Gray Gran.	NAD	100% Non-Fibrous
18	18/ White/Gray Gran.	NAD	100% Non-Fibrous
19	19/ White/Gray Gran.; Tan Fib.	NAD	14% Cellulose 2% Hair 84% Non-Fibrous
20	20/ Black Fib.; Tar-Like	NAD	80% Cellulose 20% Non-Fibrous
21	21/ Black Fib.; Tar-Like	NAD	80% Cellulose 20% Non-Fibrous
22	22/ Black Fib.; Tar-Like	NAD	80% Cellulose 20% Non-Fibrous
23A	23(a)-Linoleum/ Green Vinyl; White/Beige Fib.; Tan Glue	18% Chrysotile 18% Total Asbestos	5% Cellulose 10% Fibrous Glass 67% Non-Fibrous
23B	23(b)-Mastic/ Tan Adhes.	NAD	100% Non-Fibrous
24A	24(a)-Linoleum/	DID NOT ANALYZE	
24B	24(b)-Mastic/ Tan Adhes.	NAD	100% Non-Fibrous
25A	25(a)-Linoleum/	DID NOT ANALYZE	
25B	25(b)-Mastic/ Tan Adhes.	NAD	100% Non-Fibrous
26	26/ White Gran	NAD	100% Non-Fibrous

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-0968 Residential #3

PROJECT:	Residential #3		•
EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
27	27/ White Gran	NAD	100% Non-Fibrous
28	28/ White Gran.	NAD	100% Non-Fibrous
29A	29(a)-Formica/ Brown Hard; Fib.	NAD	40% Cellulose 60% Non-Fibrous
29B	29(b)-Mastic/ Tan Adhes.	NAD	2% Cellulose 98% Non-Fibrous
30A	30(a)-Formica/ Brown Hard; Fib.	NAD	40% Cellulose 60% Non-Fibrous
30B	30(b)-Mastic/ Tan Adhes	NAD	1% Cellulose 99% Non-Fibrous
31A	31(a)-Formica/ Brown Hard; Fib.	NAD	40% Cellulose 60% Non-Fibrous
31B	31(b)-Mastic/ Tan Adhes.	NAD	2% Cellulose 98% Non-Fibrous
32A	32(a)-Cove Base/ Dk. Gray Vinyl	NAD	100% Non-Fibrous
32B	32(b)-Mastic/ Tan Adhes	NAD	100% Non-Fibrous
33A	33(a)-Cove Base/ Dk. Gray Vinyl	NAD	100% Non-Fibrous
33B	33(b)-Mastic/ Tan Adhes.	NAD	100% Non-Fibrous
34A	34(a)-Cove Base/ Dk. Gray Vinyl	NAD	100% Non-Fibrous
34B	34(b)-Mastic/ Tan Adhes.	NAD	100% Non-Fibrous
35A	35(a)-Felt <i>V</i> Off-White Fib.	45% Chrysotile 45% Total Asbestos	35% Cellulose 20% Non-Fibrous
35B	35(b)-Mastic I/ Tan Adhes.	NAD	100% Non-Fibrous

CLIENT NUMBER: EHS PROJECT #:

7-**2564** SB 2009-05-0968

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
35C	35(c)-Felt IV White Fib.	NAD	90% Cellulose 10% Non-Fibrous
35D	35(d)-Mastic II/ Brown Adhes.	NAD	2% Cellulose 98% Non-Fibrous
36	36/* Tan Vinyl; Off-White Fib.  * No mastic present.	20% Chrysotile ★ 20% Total Asbestos ★Present in fibrous backing.	10% Cellulose 70% Non-Fibrous
37	37/	DID NOT ANALYZE	•
38A	38(a)-Tile/ Beige Vinyl	NAD	100% Non-Fibrous
38B	38(b)-Mastic/ Brown Adhes.	NAD	100% Non-Fibrous
39A	39(a)-Felt/ Beige Vinyl	NAD	100% Non-Fibrous
· 39B	39(b)-Mastic/ Brown Adhes.	NAD	1% Cellulose 99% Non-Fibrous
40A	40(a)-Tile/ Beige Vinyl	NAD	100% Non-Fibrous
40B	40(b)-Mastic/ Brown Adhes.	NAD	100% Non-Fibrous
.41	41/ White/Gray Gran.; Green Wallpaper;	Trace, <1% Chrysotile ★ <1% Total Asbestos	35% Cellulose 65% Non-Fibrous
1.	Tan Fib.	★2% chrysotile present in th like material over white text	
42	42/ White/Gray Gran.; Green Wallpaper;	Trace, <1% Chrysotile ★ <1% Total Asbestos	35% Cellulose 65% Non-Fibrous
	Tan Fib.	★2% chrysotile present in th like material over white text	
43	43/ White/Gray Gran.; Green Wallpaper;	Trace, <1% Chrysotile ★ <1% Total Asbestos	35% Cellulose 65% Non-Fibrous
	Tan Fib.	★2% chrysotile present in the like material over white text	=

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-0968

PROJECT:

44(a)-Formica/ Blue/Brown Hard; Fib.  44(b)-Mastic/ Tan Adhes.  45(a)-Formica/ Blue/Brown Hard; Fib.	NAD NAD NAD	35% Cellulose 65% Non-Fibrous 2% Cellulose 98% Non-Fibrous 35% Cellulose
Tan Adhes. 45(a)-Formica/ Blue/Brown Hard; Fib.		98% Non-Fibrous
Blue/Brown Hard; Fib.	NAD	35% Cellulose
45(h) Mantial		65% Non-Fibrous
Tan Adhes.	NAD	2% Cellulose 98% Non-Fibrous
46(a)-Formica/ Blue/Brown Hard; Fib.	NAD	35% Cellulose 65% Non-Fibrous
46(b)-Mastic/ Tan Adhes.	NAD	2% Cellulose 98% Non-Fibrous
47/ Black Tar-Like; Fib.	NAD	60% Cellulose 12% Synthetic 28% Non-Fibrous
48/ Black Tar-Like; Fib.	NAD	60% Cellulose 12% Synthetic 28% Non-Fibrous
49/ Black Tar-Like; Fib.	NAD	60% Cellulose 12% Synthetic 28% Non-Fibrous
50/ White/Gray Fib.	NAD	88% Fibrous Glass 12% Non-Fibrous
51/ White/Gray Fib.	NAD	88% Fibrous Glass 12% Non-Fibrous
52/ White/Gray Fib.	NAD	88% Fibrous Glass 12% Non-Fibrous
53(a)-Tile/ Tan Vinyl	3% Chrysotile 3% Total Asbestos	97% Non-Fibrous
53(b)-Mastic/ Tan Adhes	NAD	100% Non-Fibrous
54(a)-Tile/	DID NOT ANALYZE	
54(b)-Mastic/ Tan Adhes.	NAD	100% Non-Fibrous
	45(b)-Mastic/ Tan Adhes.  46(a)-Formica/ Blue/Brown Hard; Fib.  46(b)-Mastic/ Tan Adhes.  47/ Black Tar-Like; Fib.  48/ Black Tar-Like; Fib.  50/ White/Gray Fib.  51/ White/Gray Fib.  52/ White/Gray Fib.  53(a)-Tile/ Tan Vinyl  53(b)-Mastic/ Tan Adhes.  54(a)-Tile/  54(b)-Mastic/ Tan Adhes.	45(b)-Mastic/ Tan Adhes.  46(a)-Formica/ Blue/Brown Hard; Fib.  46(b)-Mastic/ Tan Adhes.  NAD  NAD  NAD  NAD  NAD  NAD  NAD  NA

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-0968

ROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
55A	55(a)-Tile/	DID NOT ANALYZE	
55B	55(b)-Mastic/ Tan Adhes.	NAD	100% Non-Fibrous
56A	56(a)-Tile/ Brown Vinyl	NAD	100% Non-Fibrous
56B	56(b)-Mastic/ Cream Adhes.	NAD	100% Non-Fibrous
57A	57(a)-Tile/ Brown Vinyl	NAD	100% Non-Fibrous
57B	57(b)-Mastic/ Cream Adhes.	NAD	100% Non-Fibrous
58A	58(a)-Tile/ Brown Vinyl	NAD	100% Non-Fibrous
58B	58(b)-Mastic/ Cream Adhes.	NAD	100% Non-Fibrous
59A	59(a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
59B	59(b)-Mastic/ Brown Adhes.	2% Chrysotile 2% Total Asbestos	2% Cellulose 96% Non-Fibrous
60A	60(a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
60B	60(b)-Mastic/	DID NOT ANALYZE	
61A	61(a)-Cove Base/ Brown Vinyl	NAD	100% Non-Fibrous
61B	61(b)-Mastic/	DID NOT ANALYZE	
62	62/ Black Tar-Like	NAD	26% Cellulose 74% Non-Fibrous
63	63/ Black Tar-Like	NAD	26% Cellulose 74% Non-Fibrous
64	64/ Black Tar-Like	NAD	26% Cellulose 74% Non-Fibrous

**CLIENT NUMBER:** 

7-2564 SB

**EHS PROJECT #:** 

2009-05-0968

PROJECT:

Residential #3

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS D	ESCRIPTION	% ASBESTOS	OTHER MATERIALS
65	65/ Black Tar-Like; Fib.		NAD	70% Cellulose 10% Synthetic 20% Non-Fibrous
66	66/ Black Tar-Like; Fib.		NAD	70% Cellulose 10% Synthetic 20% Non-Fibrous
67	67/ Black Tar-Like; Fib.		NAD	70% Cellulose 10% Synthetic 20% Non-Fibrous
68	68/ Black Tar-Like		12% Chrysotile 12% Total Asbestos	88% Non-Fibrous
69	69/		DID NOT ANALYZE	
70	70/		DID NOT ANALYZE	
QC SA	AMPLE:	M1-1991-1		
QC BI	QC BLANK:		erglass	
REPO	RTING LIMIT:	1% Asbestos		
				·

METHOD:

Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST:

Vickie Holmes

Reviewed By Authorized Signatory:

Howard Varner, General Manager

Irma Faszewski, Quality Assurance Coordinator

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND NAD = no asbestos detected SCF = suspected ceramic fibers

plm1.dot/05AUG2008/REV3/ MR

-- PAGE 07 of 07 -- END OF REPORT --

hone (804) 275-4788 Fax (804) 275-4907 ENVIRONMENTAL HAZAPIOS SERVICES, L.L.C. EHS 2009-05-0968 e Road Richmond, Virginia 232. 10 prin

O

CHAIN

Positive STOP Physical Signal COUDEST + BUDESTA -Stachybotrys Culture w/Totel Short Pock werls Plaster Octhers *§* -Total Thermophilic Fungal Count w/ID -Total Fungal Count WID Comments Vapor Borne Parifoulate:: Total Nulsance (NIOSH 0500) Fangal Count & IDs Respirable (NIOSH 0600) Thomas Ca Flarmer Textord Glazina Caulking Air Volume (L) Wipe Area (ft²) Area(cm²) Scrape Date/Time: Date/Time; Date/Time: Date/Time: Sampler Name: C. TASHA Contact Name: C. Eident Project # Controlm ◆zisγlsπA əldsi\ Date; 5/18/69 Client: 1 Ab Air Quality Bulk Indoor Surface Tape Surface Swab Slide Biocassette Other Metals 2 Foxic Metal Profile emu7 gnibleW TCLP RCRA 8 · Yes 860-449-8860 nateWater LCTP (Pb) Wine * (See Note) " Do wipe samples submitted meet ASTM E1792 requirements? CT 06340 Mystic Air Quality Consultants lios Lead Paint (makem²) Signature: Signature: Signature: Signature: (M99) inis9 (%) inis Fax新 1204 North Road Asbestos 7-2564 B РІМ Сталіпетіс PLM Point Count Groton (PCM) Fiber Count BULK ID BY PLM Phone #: 860-449-8903 & Dafe 5-18-06 Sample EHS Client Account 禁: Company Name: City, State, Zip: Released by: Released by: Received by: Number revised 2/2002 Sample 72-92 15-19 9~5 11-01 1-3 6-6 Address: P.O. 电

8/7:05

ENVIRONMENTAL HAZAPOS SERVICES, L.L.C. 7469 Whitepine Road Richmond, Virginja 232. Phone (804) 275-4788 Fax (804) 275-4907 CHAIN OF CIRTORY FORM

	- Eronol-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Res adultu 1#3	***		Particulate: Total Nulsance (NIOSH 0500)	Respirable (NIOSH 0800)	Air Volume (L) Comments OR Total Panel Community	Wipe Area (ff²) OR Sorape Area/cm²)		Nesho.	7002	,	المراسمة المرا	TSTATE CONTENT	Floor Tile tylester	7	10 / C C C C C C C C C C C C C C C C C C		Date/Time:	V		Date/Time:
ty Consultants  Date: \$1/x 1/05	and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th	CT 06340 Sampler Name;	Project#;	·	Client: Tota	. Lead Other Metals Indoor	(Specify metals below)	Vcm2)  spe Note te wab  PA 8  The The The The The The The The The Th	Asint (%) Paint (%) Paint (PP Soji Yole * (9) Waste Wate Waste Was										1792 requirements? Yes 🔝 No 📋	Signature: Q color	Signature:	Signature:	Signature:
Company Name: Mystic Air Quality Consultants	Address: 1204 North Road	City, State, Zip: Groton,	EHS Client Account #: 7-2564 B	Phone #: 860-449-8903	P,O, #;	Sample Asbestos	-	y PLM ber Court tr Count	PLM GRAPE	35-37 5/8/09	34-40	UI - UI	44.46		33.55	50-58	10,65	· 62~64 \ V \ \	Do wipe samples submitted meet ASTM E1792 requirements?	Released by: Ghand word.	Received by: K.S. 2 MULL	Released by:	Received by:

A POSITIVE STOP A

ENVIRONMENTAL HAZARUS SERVICES, L.L.C. 7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4807 CHAIN OF CUSTODY FORM

Date: $\leq /(8)^{\circ}$	Contact Name: C Erdul	Sampler Name: C. Dustey Werrow	8860 Project #: Residential #3	Client: Tata	Indoor Particulate: Tot	Gracia metals balows All Cuality  CRA 8  Velding Furne  Velding Fu		· ^	7					CN	5/18/02	1 Date/Time: 5.20.04 1100	Date/Time:
· Consultants			E2V.E. 860-449-8860		Lead	aint (%)  aint (PPM)  Sint (PPM)  Vioe * (See Note).				-				E1792 requirements? Yes	Signature: 8 25 00 L-72	Signature: A	Signature:
Mystic Air Quality Consultants		Groton, CT 06340	ount#; 7-2564 B 860-449-8903		Asbestos	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	4 dd dd dd dd dd dd dd dd dd dd dd dd dd	2						Do wipe samples submitted meet ASTM:E17	(A)	S. Sizenna	
Company Name:	Address:	City. State. Zio:	Acc	Fnone 录: P.O. 转		Sample		68-70			ENC	LOSU	₩L 0	<b>*</b>	Released by: 13	Received by:	Released by:



# Mystic Air Quality Consultants, Inc.

1204 North Road (Rt. 117) Groton, Connecticut 06340

Asbestos (	Containing	Suspect	<u>Materials</u>	Roster
------------	------------	---------	------------------	--------

S	site: <u>Residu</u>	tral #3			
	Glasser	by, CT	•	# <u>Demo</u>	
In the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second se	Type Of - Material	Amount of Material	Condition of Material	Specific Location of Suspect ACM at Site	<u>.</u> .
1-3	Glazing Coulking	29 Windows 28 Windows	Damaged	Exterior of Windows	:
7-9	PopColu Spray Pai			Throughout Forgot findent	Barthrach [#] J
90-49	Vapor Barrier	3919 FT2		under siding of House-ExT	rior
29-28 29-31	Flooring Textured Pains	350 FT 200 FT		Kitchen & Hellway-1 ST Floor Kitchen & Bathrosp#J-Ce	
JJ-34	FORMICA COVEBASE-Flue Linolena	30 WPT 75 FT	YC11011	Kitchen County tops & Backroom #3 - Ing FLOOR	a above Cormo
	FLOOR TILE-MOSTIC	50 FJ		Batronsty- I'm Floor.	
	EPA considers t		above as "sus	pect" asbestos-	
•	Date: 5/18/01	<del></del>	Inspector	'e M	<u>.</u>

Telecommunications (24 hours):

Office: (203) 449-8903

EAY- (2013) 440-8860

ENCLOSURE 4 PAGE 1 OF 2

CT Toll Free: 1 (800) 247-774

NE Toll Free: 1 (800) 722-774



# Mystic Air Quality Consultants, Inc.

1204 North Road (Rt. 117) Groton, Connecticut 06340

Site: Residen	bucy, cr		# Deno
Type Of - Material	Amount of Material	Condition of Material	Specific Location of Suspect ACM at Site
Jersural Paint  Forming  Vapor Barrier  Browst In Issuiation  Flacetile-massic  Flat	75 FTL 20 FT 2500 FTL 3928 FTL 3928 FTL 3928 FTL 20 FTL 3928 FTL 20 FTL	Darraged Greek	Bathroon #3-Ceiling  Bathroon #3-Ceiling  Bathroon #3-Countroops  Under Hardwood Ficoss-Through  above Ceilings Throughout  Bathroon #5-Baseman  Baseman - Except Bothroon #5  Throughout Baseman every Bothroo  Oult Later Roof  Under Sh. hyles-Roof  around penetrations-Roof

EPA considers the materials above as "suspect" asbestos-containing materials.

Date: 5/18/09

Telecommunications (24 hours):

Inspector _

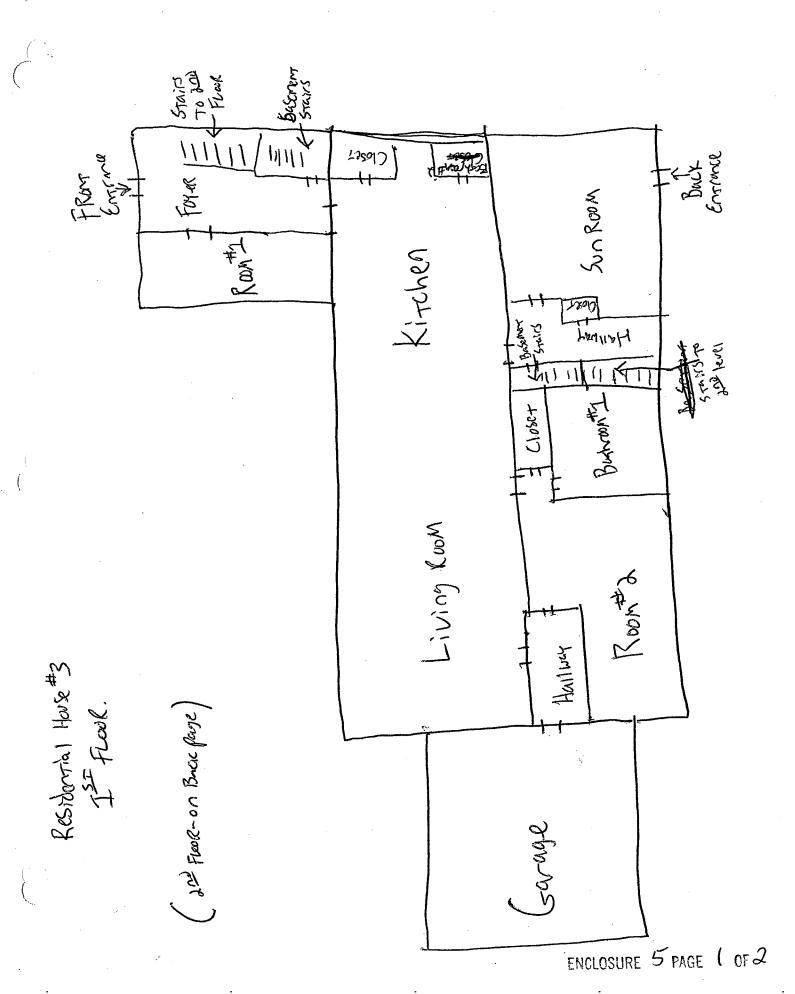
ENCLOSURE 4 PAGE 2 OF 2

Office: (203) 449-8903

EAY- 7203) 440-8860

CT Toll Free: 1 (800) 247-774

NE Toll Free: 1 (800) 722-774



FRONT

ENCLOSURE 5 PAGE 2 OF 2



# Mystic Air Quality Consultants, Inc.

1204 North Road (Rt. 117) Groton, Connecticut 06340

May 26, 2009

Mr. Frank Kehoe Triton Environmental 385 Church Street, Suite 201 Guilford, Connecticut 06437

Re:

Pre-Demolition Asbestos Survey and TCLP Analysis (5/18/09)

429 Marlborough Road; Glastonbury, Connecticut

Location: Residential House -#4

#### Dear Mr. Kehoe:

As requested, Mystic Air Quality Consultants, Inc. conducted a survey of accessible materials prior to demolition at the location noted above. This survey was directed on May 18, 2009, by our State of Connecticut licensed asbestos inspector, Christopher Eident, (license # 000015) to determine the presence of asbestos-containing materials. The samples were analyzed at Environmental Hazards Services (NVLAP # 101882-0) in Virginia.

In addition to the asbestos survey, a composite or TCLP sample was collected and analyzed for lead to determine if the demolition materials would have to be considered lead waste. The sample analysis was also done by Environmental Hazards Services.

#### **Summary of the Asbestos Findings**

Upon testing by polarized light microscopy, the following materials were found to be asbestos containing:

Sample #s	Material/Location I	Estimated Affected Area
20 – 22	Linoleum & Mastic/2 nd floor Room 8-bath & Room 9-shower re	oom 50 sq. ft.
26 - 28	9x9 Floor Tile/Basement	400 sq. ft.
29 - 31	Linoleum/Kitchen & Room 3	200 sq. ft.

#### Non-asbestos containing materials

The roster of suspect materials (Enclosure 3), lists the materials tested. Those that are not already referred to as asbestos containing or assumed asbestos, can be categorized as non-asbestos containing materials.

#### Implications of the findings

As required by state and federal regulations prior to renovation or demolition, any asbestoscontaining materials listed above that could be disturbed by a renovation, will need to be removed by a licensed asbestos abatement contractor employing trained and certified personnel who follow all pertinent asbestos abatement regulations.

Communications (24 hours):

Office: (860) 449-8903

FAX: (860) 449-8860

Toll Free: 1 (800) 247-7746

website: www.mysticair.com

e-mail:maqc2@aol.com



# Mystic Air Quality Consultants, Inc.

1204 North Road (Rt. 117) Groton, Connecticut 06340

### Limitations of the Asbestos survey

This survey and report only deal with accessible areas of the building. Additionally, there may be other non-accessible materials above ceilings, behind walls, and below floors that become evident during your renovation activity. Should the requisite EPA/OSHA competent person working for the contractor discover such materials they will need to be tested for asbestos content so determinations of their abatement and disposal (if required) can be made.

#### **TCLP Analysis results**

The results of the TCLP analysis indicate that the building materials subsequent to demolition do not need to be disposed of as lead waste. The sample results were <u>below</u> the EPA's TCLP standard of 5 mg/l for lead.

Please do not hesitate to contact us with questions relating to the sample results. We thank you for the opportunity to conduct this survey.

Sincerely

Christopher J. Eident CIH, CSP, RS

**CEO** 

Enclosure 1: Laboratory Results Enclosure 2: Chain of Custody

Enclosure 3: Roster of Suspect Materials
Enclosure 4: Inspector's Diagram of Property
Enclosure 5: TCLP Analysis and Chain of Custody

Communications (24 hours):

website: www.mysticair.com

Office: (860) 449-8903

FAX: (860) 449-8860

e-mail:maqc2@aol.com

Toll Free: 1 (800) 247-7746

7469 WHITE PINE ROAD - RICHMOND, VA 23237 804-275-4788 FAX 804-275-4907

### BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT:

Mystic Air Quality Consultants

1204 North Road, Rt. 117

Groton, CT 06340

DATE OF RECEIPT:

20 May 2009

DATE OF ANALYSIS: 21 May 2009

DATE OF REPORT:

21 May 2009

**CLIENT NUMBER:** 

7-2564 SB

EHS PROJECT #:

2009-05-0970

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01	1/ White Powdery; Beige Fib.	NAD	18% Cellulose 82% Non-Fibrous
02	2/ White Powdery; Beige Fib.	NAD	18% Cellulose 82% Non-Fibrous
03	3/ White Powdery; Beige Fib.	NAD	20% Cellulose 80% Non-Fibrous
04	4/ White Powdery	NAD	20% Cellulose 80% Non-Fibrous
.05	5/ White Powdery; Beige Fib.	NAD	18% Cellulose 82% Non-Fibrous
06	6/ White Chalky; Gray Gran.	NAD.	100% Non-Fibrous
07	7/ White Chalky; Gray Gran.	NAD	100% Non-Fibrous
08	8/ White Chalky; Gray Gran.	NAD	100% Non-Fibrous
09	9/ White Chalky	NAD	100% Non-Fibrous
10	10/ White Chalky; Gray Gran.; Beige Fib.	NAD	5% Cellulose 95% Non-Fibrous
11	11/ White Powdery; Beige Fib.	NAD	18% Cellulose 82% Non-Fibrous
12	12/ White Powdery, Beige Fib.	NAD	30% Cellulose 70% Non-Fibrous
13	13/ White Powdery; Beige Fib.	NAD	35% Cellulose 65% Non-Fibrous

CLIENT NUMBER: EHS PROJECT #;

**7-2564** SB 2009-05-0970

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
14	14/ White Chalky; Gray Gran.; Beige Fib.	NAD	4% Cellulose 96% Non-Fibrous
15	15/ Gray Gran.; Lt. Gray Powdery; Beige Fib.	NAD	7% Cellulose 93% Non-Fibrous
· 16	16/ White Chalky; Gray Gran.; Beige Fib.	NAD	5% Cellulose 95% Non-Fibrous
17	17/ White/Cream Paint-Like	NAD	100% Non-Fibrous
18	18/ White/Cream Paint-Like	NAD	100% Non-Fibrous
19	19/ White/Cream Paint-Like	NAD	100% Non-Fibrous
20A	20(a)-Linoleum/ Beige Vinyl; Fib.	25% Chrysotile * 25% Total Asbestos *Present in fibrous backing.	10% Cellulose 65% Non-Fibrous
20B	20(b)-Mastic/ Cream Adhes.	2% Chrysotile * 2% Total Asbestos *Possible contamination from	98% Non-Fibrous m fibrous backing.
21A	21(a)-Linoleum/	DID NOT ANALYZE	
21B	21(b)-Mastic/	DID NOT ANALYZE	
22A	22(a)-Linoleum/	DID NOT ANALYZE	
22B	22(b)-Mastic/	DID NOT ANALYZE	
23	23/ Brown Adhes.	NAD	100% Non-Fibrous
24	24/ Brown Adhes.	NAD	100% Non-Fibrous
25	25/ Brown Adhes.	NAD	100% Non-Fibrous
26A	26(a)-Tile/ Brown Vinyl	4% Chrysotile 4% Total Asbestos	96% Non-Fibrous
26B	26(b)-Mastic/ Black Adhes.	Trace, <1% Chrysotile <1% Total Asbestos	100% Non-Fibrous

CLIENT NUMBER: EHS PROJECT #: **7-2564** SB 2009-05-0970

PROJECT:

11002011			
EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCR	% ASBESTOS	OTHER MATERIALS
27A	27(a)-Tile/	DID NOT ANALYZE	
27B	27(b)-Mastic/ Black Adhes.	Trace, <1% Chrysotile <1% Total Asbestos	100% Non-Fibrous
28A	28(a)-Tile/	DID NOT ANALYZE	
28B	28(b)-Mastic/ Black Adhes.	Trace, <1% Chrysotile <1% Total Asbestos	100% Non-Fibrous
29A	29(a)-Linoleum/ Beige Vinyl; Fib-	20% Chrysotile ★ 20% Total Asbestos ★Present in fibrous backing	15% Cellulose 65% Non-Fibrous
29B	29(b)-Underlayment/ Gray/Green Fib.	NAD	75% Cellulose 15% Synthetic 10% Non-Fibrous
30A	30(a)-Linoleum/	DID NOT ANALYZE	
30B	30(b)-Underlayment/ Green/Gray Fib.	NAD	75% Cellulose 15% Synthetic 10% Non-Fibrous
30C	30(c)-Mastic/ Brown Adhes.	NAD	3% Cellulose 97% Non-Fibrous
31A	31(a)-Linoleum/	DID NOT ANALYZE	
31B	31(b)-Underlayment/ Gray/Green Fib.	NAD	75% Cellulose 10% Synthetic 15% Non-Fibrous
31C	31(c)-Mastic/ Brown Adhes.	NAD	100% Non-Fibrous
32A	32(a)-Linoleum/ Tan Vinyl; Fib.	NAD	25% Cellulose 10% Fibrous Glass 65% Non-Fibrous
32B	32(b)-Mastic/ Yellow Adhes.	NAD	5% Cellulose 95% Non-Fibrous
33A	33(a)-Linoleum/ Tan Vinyl; Fib.	NAD	25% Cellulose 10% Fibrous Glass 65% Non-Fibrous
23B	33(b)-Mastic/	NAD	5% Cellulose 95% Non-Fibrous
٠.	Yellow Adhes.	PAGE 03 of 05	

CLIENT NUMBER:

7-2564 SB

EHS PROJECT #:

2009-05-0970

PROJECT:

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
34A	34(a)-Linoleum/ Tan Vinyl; Fib.	NAD	20% Cellulose 15% Fibrous Glass 65% Non-Fibrous
34B	34(b)-Mastic/ Yellow Adhes.	NAD	5% Cellulose 95% Non-Fibrous
35	35/ Cream Gran.	NAD	100% Non-Fibrous
36	36/ Cream Gran.	NAD	100% Non-Fibrous
.37	37/ White/Cream Gran.	NAD	100% Non-Fibrous
38	38/ Black Tar-Like; Gray Gran.	NAD	10% Fibrous Glass 90% Non-Fibrous
39	39/ Black Tar-Like; Gray Gran.	NAD	10% Fibrous Glass 90% Non-Fibrous
40	40/ Black Tar-Like; Gray Gran.	NAD	10% Fibrous Glass 90% Non-Fibrous
41	41 Black Fib.; Tar-Like	NAD	85% Cellulose 15% Non-Fibrous
42	42/ Black Fib.; Tar-Like	NAD	85% Cellulose 15% Non-Fibrous
43	43/ Black Fib.; Tar-Like	NAD	85% Cellulose 15% Non-Fibrous
44	44/ Black Fib	NAD	90% Cellulose 10% Non-Fibrous
45	45/ Black Fib.	NAD	90% Cellulose 10% Non-Fibrous
46	46/ Black Fib.	NAD	90% Cellulose 10% Non-Fibrous
47	47/ White Rubbery	NAD	100% Non-Fibrous
48	48/ White Rubbery	NAD	100% Non-Fibrous

NAD

### ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

**CLIENT NUMBER:** 

7-2564 SB 2009-05-0970

**EHS PROJECT #:** PROJECT:

Residence #4; Glastonbury, CT

**EHS** 

CLIENT SAMPLE #

**% ASBESTOS** 

OTHER MATERIALS

SAMPLE #

LABORATORY GROSS DESCRIPTION

100% Non-Fibrous

49

49/

White Rubbery

QC SAMPLE:

M12000-3

QC BLANK:

SRM 1866 Fiberglass

REPORTING LIMIT:

1% Asbestos

METHOD:

Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST:

Katherine Charles Harris

Reviewed By Authorized Signatory:

Howard Varner, General Manager

Irma Faszewski, Quality Assurance Coordinator

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND

NAD = no asbestos detected

SCF = suspected ceramic fibers

plm1.dot/05AUG2008/REV3/ MR

- PAGE 05 of 05 - END OF REPORT -

is 2009-05-0970

10/2

49 km 45 plm

## ENVIRONMENTAL HAZARDS SERVICES, INC.

7469 White Pine Road Richmond, Virginia 23237 (804) 275-4788 Fax (804) 275-4907

## CHAIN OF CUSTODY FORM

Customer Informa	tion:	Date: 5/18/05
Company Name:		Phone: 560 448 8503
Address:	YSTIC AIR QUALITY CONSULTANTS, INC. 1204 NORTH RD.	Fax 80 945 8860
City, State, Zip:	Groton, CT 06340	Project Trien ear.
Contact:		Mesdenie II'll

Sample #	Sample Type	Sample Location		Time (min.)	Volume (Liters)
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23 2475		Alhesira	De Sternis		
26372	1 1	9x9 FITEL WMSTER	Basener		
29 30 31		Lindram w/paper	por 3 Fatcher		
323374		Linelan	MAY WIFT BETE		
-		Homogenes arive step			

## CHAIN OF CUSTODY

Date/Time	Released By:	Date/Time	Received By:
		5-20-09 /1	P K. Syme

272

# ENVIRONMENTAL HAZARDS SERVICES, INC.

7469 White Pine Road Richmond, Virginia 23237 (804) 275-4788 Fax (804) 275-4907

### CHAIN OF CUSTODY FORM

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City, Stat		CROTON OF	06340 -	Project	Then E	n V.
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		CHAIN	OF CUSTODY	<b>^</b>		
Date/Time	8	Released By:	Date/Time	Re	ceived By:	
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•					9	
					A	



# Mystic Air Quality Consultants, Inc.

1204 North Road (Rt. 117) Groton, Connecticut 06340

<u>Asbestos</u>	Containing	Suspect	<u>Materials</u>	Roster
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Residence #4

Type Of Material	Amount of Material	Condition of Material	Specific Location of Suspect ACM at Site
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O well duster	<u> </u>	9	<u> </u>
B Colling She	1	9	<u> </u>
6 Caling plant	•	22	<u>'(</u>
9 Culintrates	<b>)</b>	_  2	ans ans
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		<u></u>	+ IndFI Holling.
28 GAS FITTHE	umesta 400s	0	Busaner
31 Cimelon.	Novar DOOS		Litchen Am 3
t e	6054	0	noy Bath
17 Window Glas			unlas

EPA considers the materials above as "suspect" asbestos-containing materials.

Date: 5/18/09

Telecommunications (24 hours):

Inspector #

ENCLOSURE 3 PAGE / OF 2

Office: (203) 449-8903

FAX: (203) 449-8860

CT Toll Free: 1 (800) 247-7746

NE Toll Free: 1 (800) 722-7746



# Mystic Air Quality Consultants, Inc.

1204 North Road (Rt. 117) Groton, Connecticut 06340

Asbestos Containing Suspect Materials Roster

5	Site: _	Nesdore-	#4		
	. · · <u>-</u>	GOS TOV	Jung CT	Marlboro	sush of. #
-	Type Of Materia	i	Amount of Material	Condition of Material	Specific Location of Suspect ACM at Site
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41-46	Noter ever		<u>Jooos L.</u>	<u> </u>	untimodsiding
47-49	under Can	1412	- Don		worlds

EPA considers the materials above as "suspect" asbestos-containing materials.

Date: 5/18/69

Inspector

ENCLOSURE 3 PAGE 2 OF Z

Telecommunications (24 hours):

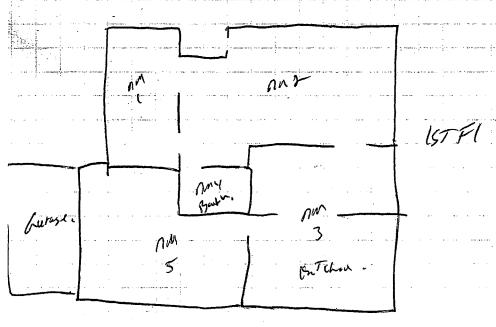
Office: (203) 449-8903

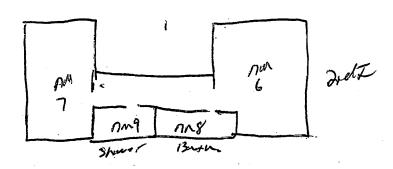
FAX: (203) 449-8860

CT Toll Free: 1 (800) 247-7746

NE Toll Free: 1 (800) 722-7746

429 Marlborough Rd. Glastonbury, CT Residential House 3104(4)





7469 WHITE PINE ROAD - RICHMOND, VA 23237 804-275-4788 FAX 804-275-4907

### TCLP (LEAD) ANALYSIS SUMMARY

CLIENT:

Mystic Air Quality Consultants

1204 North Road, Rt. 117

Groton, CT 06340

DATE OF SAMPLING: 18 May 2009

DATE OF RECEIPT: 20 May 2009

DATE OF ANALYSIS: 22 May 2009

DATE OF REPORT: 22 May 2009

**CLIENT NUMBER:** 

7-2564 SB

EHS PROJECT #:

2009-05-0955

PROJECT:

Residential #4; Glastonbury, CT

EHS SAMPLE#	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	SAMPLE WEIGHT (g)	INITIAL pH	CONCENTRATION PPM (mg/L)
01	1/ Building Debris	100	5.47	1.1

QUALITY	CONTRO	L DATA

BATCH#:	052209T-1
INCLUSIVE EHS SAMPLE NUMBERS:	01
Initial Calibration Verification (5.00ppm Pb)	99.6% Recovery
Continuing Calibration Verification 10 (10.0ppm Pb)	95.7% Recovery
Continuing Calibration Verification 5 (5.00ppm Pb)	96.0% Recovery
_aboratory Control Standard	101% Recovery
Matrix Spike	104% Recovery
Duplicate Relative Percent Difference	0.00 RPD
Regulatory Limit	$5.0 \mathrm{mg/L}$
Reporting Limit	$0.50 \mathrm{mg/L}$
Method Detection Limit	$0.060 \text{mg/L}_{i}$

METHOD:

EPA SW846 1311/3010A/7420

ANALYST:

Aubrey Simonds

Reviewed By Authorized Signatory:

Howard Varner, General Manager

Irma Faszewski, Quality Assurance Coordinator

David Xu, MS, Senior Chemist

#### Method EPA SW846 1311 recommends 100g for analysis.

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LEGEND

g = gram

ug = microgram

ppm = parts per million

ml = milliliter

Pb = lead

mg/L = milligrams per liter

tclppb2.dot/AA220/05AUG2008/REV4/pd

-- PAGE 01 of 01 -- END OF REPORT --

EHS 2009-05-0955
|RONMENTAL HAZALUS SERVICES, L.L.C. 7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4786 Fax (804) 275-4807
| CHAIN OF CUSTODY FORM

Company Name: Mystic Air Quality Consultants Date: 6   18   09 Contact Name: C. Elebert Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon. Carlon	* Do wipe samples submitted meet ASTM E1792 requirements? Yes No	Released by: ドルスルン レーのカム Signat Received by: Signat Released by: Signat
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### **Attachment C**

Site Plan 429 Marlborough Road

