



# **2014 AHERA THREE-YEAR RE-INSPECTION REPORT FOR THE RMT JOHNSON SCHOOL**

*Prepared for*

**Bethel Board of Education**  
Bethel, Connecticut

*Prepared by*

**TRC**  
Windsor, Connecticut

August 2014



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**Bethel Board of Education**  
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*Prepared by*  
**TRC**  
Windsor, Connecticut

**Thomas Martin**  
Inspector

**Henry J. Laliberte**  
Management Planner

**TRC Project No. 218736.0010.00001**  
**August 2014**

**TRC**  
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**2014 AHERA/CTDPH  
THREE-YEAR REINSPECTION  
REPORT FOR THE  
BETHEL PUBLIC SCHOOLS**

TRC Inspector:

Name: Thomas Martin State of Connecticut Licensed Inspector No. 000014

Signature:



Prepared By:

Name: Henry J. Laliberte State of Connecticut Management Planner No. 000030

Signature:

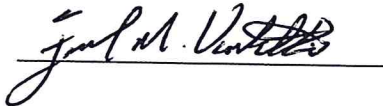


The Local Education Agency's (LEA) Designated Person, as mandated by EPA AHERA regulation section 40 CFR 763.93(i) and CTDPH regulation section 19a-333-10(h), certifies that the LEA's responsibilities, as stipulated by EPA AHERA regulations 40 CFR 763.84 and CTDPH 19a-333-2 have been met and/or will be met:

LEA Designated Person:

Name: Frank N. Ventrella

Signature:



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## I. INTRODUCTION

TRC Environmental Corporation (TRC) was retained by the Town of Bethel, Board of Education to conduct the three year re-inspection of five (5) subject buildings and/or building areas currently owned and operated by the Bethel Public School System, in accordance with the United States Environmental Protection Agency's (USEPA) Asbestos Hazard Emergency Response Act (AHERA) regulations (40 CFR Part 763 Subpart E, *Asbestos-Containing Materials in Schools*) and the State of Connecticut Department of Public Health (CTDPH) school asbestos regulations (19a-333-1 through 13, *Asbestos-Containing Materials in Schools*). All of the subject buildings, including the administrative offices of the Board of Education, are currently occupied and utilized for the purposes of Bethel Public Schools activities. The following is a list of the buildings and/or building areas and their addresses which are included in this report:

- R.M.T. Johnson Elementary School, Bethel Educational Park, Whittlesey Avenue

The buildings had been previously surveyed for the presence of asbestos in compliance with USEPA Asbestos Hazard Emergency Response Act (AHERA) regulations (40 CFR Part 763 Subpart E, *Asbestos-Containing Materials in Schools: Final Rule and Notice*, October 1987) and State of Connecticut Department of Public Health (CTDPH) school asbestos regulations (19a-333-1 through 13, *Asbestos-Containing Materials in Schools*). Under the AHERA and CTDPH regulations, each elementary and secondary school must be surveyed for the presence of asbestos-containing building material (ACBM) and an Asbestos Management Plan (AMP) must be prepared and implemented. The AHERA/CTDPH regulations further require periodic visual surveillance of the identified ACBM at least once every six (6) months and a formal reinspection by accredited personnel at least every three (3) years.

The standard methodology for surveying and evaluating buildings to determine the presence of asbestos-containing materials involves a series of activities, conducted in accordance with current AHERA guidelines, which provide information concerning the presence, type, location, quantity and assessment of noted ACM. The existing AMP was created in October of 1990, based on the initial surveys of the Bethel Public Schools conducted in 1987-1989, and 1990 by TRC Environmental Corporation of Windsor, Connecticut. The School buildings were subsequently reinspected by the same in November of 1993, July of 1996, December of 1999, December of 2002, July 2006 and April 2008. Eagle Environmental, Inc. (EEI) performed a pre-renovation survey of Bethel High School from October – November 2004. The existing AMP, which incorporates data from the original asbestos building inspection as well as the subsequent



reinspections, and the pre-renovation survey for RMT Johnson School, were utilized by TRC, to the extent to which the data could be validated, during the course of the 2014 reinspections.

TRC, utilizing a State of Connecticut licensed asbestos inspector, performed the asbestos site reinspections of the subject building in August 2014. The responsibilities of the building inspector included: a visual reinspection for the presence of all previously identified confirmed or assumed asbestos-containing building material (ACBM); a physical assessment of the materials to reassess their degree of friability; and the potential identification, assessment and sampling of suspect ACBM not identified during previous inspections. In order to fulfill these responsibilities, the site reinspections included a visual survey of all accessible areas within each facility as well as covered walkways and roof top mechanical rooms. Note that inaccessible building areas including, but not limited to, permanent wall and ceiling spaces, pipe chases and interior mechanical units were not surveyed and may have been assumed by TRC to contain asbestos. TRC recommends that any inaccessible interior areas, as well as areas not covered under the AHERA program (such as roofs and exterior materials) be investigated and assessed by a licensed asbestos inspector in accordance with the USEPA Asbestos NESHAP prior to any renovation/demolition activities in order to prevent the disturbance of potential ACBM.

As recommended by the USEPA, the TRC inspector accounted for suspect ACBM which was not previously noted in the earlier inspections and/or the revised asbestos management plan (AMP) created for each specific building, was a recently added material requiring sample analysis to refute the presumption of asbestos content, and/or is a material not traditionally covered under the AHERA program (e.g. exterior materials) but requested to be included under CTDPH policy to avoid unintentional disturbances during any renovations/demolitions. Newly identified suspect ACBM materials would either assumed to contain asbestos or a required number of bulk samples would be collected following AHERA protocols and analyzed to confirm or refute the presumption of asbestos content. TRC is approved to perform bulk asbestos analysis by the CTDPH and the National Institute for Standards and Technology (NIST) National Voluntary Laboratory Accreditation Program (NVLAP). A copy of TRC inspector and laboratory accreditations are included in this report as **Appendix A**. No new material bulk samples were collected during the 2014 re-inspection.

In accordance with the CTDPH regulations, 19a-333-3(b)(i), TRC completed the Local Education Agency Three Year Reinspection Report Form for submission to the CTDPH by Bethel Public Schools. The notification includes information regarding the buildings reinspected and the dates of the reinspections, as well as the names, signatures and accreditations of the Inspector,

Management Planner and Local Education Agency (LEA) Designated Person. A copy of the submittal to the CTDPH is included in this report as **Appendix B**.

Based on the findings of the reinspection, TRC, utilizing a State of Connecticut licensed Asbestos Management Planner, produced this reinspection report. (See Appendix A for a copy of the TRC management planner accreditations) The report details all noted ACM, all confirmed non-ACM, ACM locations, estimated ACM quantities, assessments, recommended response actions, recommended schedules for response action implementation, and includes updated periodic surveillance forms. In particular, all materials which have had a change in assessment status, are no longer present or are newly identified materials are highlighted, along with their updated response action recommendations, so the materials can be appropriately maintained under the current Operations and Maintenance (O&M) Program for asbestos-containing building materials established for the Bethel Public School system within the AMP. TRC's three year reinspection report shall be included with each current copy of the AMP developed for each school or facility. TRC recommends that a letter detailing the availability of the updated plan be sent to interested parties including but not limited to school principals, parent teacher organizations, employee organizations, and in the case of leased buildings, building tenants.



## **II. OBSERVATIONS AND FINDINGS**

### **A. *General Items/Responsibilities***

An LEA has the following responsibilities under the AHERA/CTDPH asbestos in schools regulations with regards to the AMP program:

- Ensure all custodial and maintenance employees have received at least 2-hr asbestos awareness (OSHA Class IV/EPA Level 1) training annually. New employees shall be trained within 60 days after commencement of employment,
- Ensure workers and building occupants are informed at least once each school year about inspections, response actions, post-response action activity, reinspections and periodic surveillance activities planned or in progress,
- Ensure short-term workers (contractors) who may come into contact with asbestos in a school are provided information regarding the locations of the ACM,
- Ensure warning labels are attached adjacent to any ACM in routine maintenance areas,
- Ensure management plans are available for inspection by the public at the central administrative office and each school building and notification of such availability has been provided in writing to parents, teachers and employee organizations at least once each school year
- Designate a person to ensure that these requirements are properly implemented, and properly train the designated person for such responsibility,
- Conduct periodic surveillance of the ACM in each building at least every 6 months to identify changes in physical condition of the ACM and implement proper response actions,
- Conduct reinspections of the ACM in each building at least every 3 years utilizing a licensed asbestos inspector,
- Maintain records at both the central administrative office and each school building of all related asbestos activity, training, surveillance, response action, notification, etc.
- Maintain records of all newly installed materials which indicate the materials are non-ACM (MSDS, sampling data, etc.),
- Receive and maintain a signed statement from an architect or project engineer responsible for the construction of a new school building, new school addition, new school area renovation, that no ACM was specified as a building material in any construction document for the building/addition/etc., or, to the best of his or her knowledge, no ACM was used as a building material in the building/addition/etc, in order to exclude these new buildings/additions from the requirements of the AHERA/CTDPH asbestos in schools regulations.

Based on a review of the existing AMP documentation a more thorough documentation of annual employee training, 6-month periodic surveillance and labeling of ACM be implemented.



In addition, updated copies of the original asbestos management plan, subsequent 3-yr reinspections, and related response action (abatement) documentation needs to be maintained at each school building in addition to the central Board of Education offices.

## ***B. Site Reinspections***

Following an asbestos investigation of the Bethel Public Schools and associated buildings, an Asbestos Management Plan (AMP) was originally drafted and submitted in 1990 to the State of Connecticut by TRC Environmental Corporation (TRC) formerly of East Hartford, Connecticut. Subsequent three year reinspections were also conducted by TRC in November of 1993, July of 1996, December of 1999, December of 2002, July of 2006 and April of 2008. TRC has incorporated the findings of the original inspection, subsequent reinspections and pre-renovation surveys into this reinspection report.

Since the previous re-inspection, significant changes have not been undertaken and the scope of the current AHERA/CTDPH investigation remains the same.

The following sections detail the findings of the 2014 AHERA/CTDPH three-year reinspection conducted by TRC for the Bethel Board of Education.

### **1.0 R.M.T. Johnson Elementary School**

The Johnson Elementary School is a two-story brick and steel constructed building which was built circa 1980. The building contains classroom areas, gymnasium, kitchen/cafeteria, auditorium/stage and administrative office areas. The building is heated by recirculating hot water generated by two (2) boiler units located within the excavated basement area.

#### **1.1 Summary of Findings and Assessments**

The current Asbestos Management Plan (AMP) for the Johnson Elementary School addresses two (2) types of asbestos containing building materials (ACBM): resilient floor tile and associated mastic; and boiler rib packing.

The following sections address the locations and physical assessments of each ACBM noted.

##### **1.1.2 Resilient Floor Tile and Associated Mastic**

The resilient floor tile and associated mastic was observed in good condition with no signs of significant damage, with several rooms (including the library) covered with carpeting. The halls

of the school were noted as terrazzo flooring. Further, tennis balls have been cut and placed on the feet of the children's chairs to prevent damage to the floors by sliding chairs. All resilient floor tile and associated mastic types have been assumed by TRC as asbestos-containing.

#### 1.1.3 Boiler Rib Packing

The boiler rib packing is located beneath the fiberglass insulated metal boiler panels within the sunken boiler room with very limited access and was inaccessible for inspection. The material is assumed to remain in good condition due to its inaccessibility. Additionally it is presumed that further ACM is likely to exist in the internal boiler areas (ropes, gaskets, fire brick, etc.) which are at the present time inaccessible. The boiler units are located in the basement mechanical room which is a restricted access area for the majority of the building occupants.

#### 1.2 Confirmed Non-ACBM

The performance of a proper material bulk sampling program in accordance with current AHERA guidelines has documented the absence of asbestos in the following building materials:

- 2' x 4' suspended pinhole ceiling tiles (1989)
- 1' x 1' acoustical pinhole ceiling tiles – bathrooms (1989)
- Tank insulation (1989)
- Breeching material (1989)
- Mudded pipe fitting insulation (1996, 1999)
- Brown glue daubs from 1'x1' pinhole ceiling tiles – bathrooms (1999)
- Brown base cove & associated brown base cove mastic (1999)
- Sheetrock and Joint compound (1999)
- 2'x4' typical cross hatch with pinholes ceiling tiles (2002)
- 2'x4' dent pattern ceiling tiles (2002)
- cementitious window sill material (2002)
- boiler burner packing (2002)
- fiberglass boiler jacket insulation beneath metal (non suspect)
- fiberglass pipe insulation (non suspect)
- interior and exterior window caulk (non suspect silicone based)

#### 1.3 History of Response Actions

On TRC's review of supporting documentation and compliance reports on file with the Bethel Board of Education, the following are recorded response actions for the ACBM noted at the R.M.T. Johnson Elementary School:

- 1998 Roof flashing and patching material removed and replaced from roof areas.

#### 1.4 Inventory and Classifications of ACBM

Refer to **Table II-3** for an inventory of the ACBM identified at the R.M.T. Johnson Elementary School and material classifications using current USEPA AHERA guidelines. Any changes from the 2008 AMP reinspection update in regards to the physical assessment of the ACBM were noted and the material reclassified accordingly. Refer to **Section III** of this report for ACBM hazard assessments and TRC's recommended response actions. Refer to **Section IV** for updated periodic surveillance forms for the ACBM identified at the R.M.T. Johnson Elementary School.



**TABLE II-1**  
**2014 AHERA RE-INSPECTION OF**  
**R.M.T. JOHNSON ELEMENTARY SCHOOL**  
**INVENTORY AND CLASSIFICATIONS OF ACBM**

DATE OF INSPECTION: August 2014

Inspector/CT Lic. No.: Thomas Martin/000014

Location	ACBM	Assumed/ Sampled	Category*	Area	Friable	AHERA Assessment Category	Change in 2008 Assessment
Boiler room boilers beneath fiberglass insulated metal panels	Boiler rib packing (boiler internals assumed as well)	Sampled (1999)	TSI	25 SF	Yes	ACBM with the potential for damage	No
General Building Classroom & Office Areas	12"x12" Resilient floor tile and associated mastic	Assumed	Misc.	38,000 SF	No	ACBM with the potential for damage	No



### **III. ACBM HAZARD ASSESSMENT AND CONTROL RESPONSES**

The performance of asbestos building investigations by an accredited inspector revealed that ACBM exists in a variety of forms within Bethel Public School buildings and administrative office areas. This section of report will assess the potential exposure to building occupants from these materials and prioritize the response actions necessary to effectively alleviate the potential hazards associated with asbestos.

The U.S. Environmental Agency has produced a document entitled *Guidance for Assessing and Managing Exposure to Asbestos in Buildings*. The USEPA report proposes the use of "decision trees" for estimating the risks posed by exposure to ACBM and recommends certain response actions which are consistent with the Asbestos Hazard Emergency Response Act (AHERA) and CTDPH Asbestos in Schools regulations. TRC's asbestos exposure assessment and recommended response actions are derived from these guidelines for each material noted. The two factors which must be evaluated when doing an exposure assessment for friable asbestos are the present condition of the ACBM and the potential for future disturbance of the ACBM. To use the USEPA's Decision Tree, the present condition of the friable ACBM is evaluated as either being significantly damaged, damaged or not damaged.

The potential for future disturbance takes into account a number of factors which include accessibility to building occupants, level of activity of building occupants, mechanical vibrations and air erosion. The response action selected for each type of ACM is sufficient to protect human health and the environment. Generally, there are five recognized courses of action to control ACBM: 1) removal and disposal; 2) repair; 3) enclose; 4) encapsulate; and 5) operations and maintenance (O&M) programs. The USEPA has indicated that there are no longer any grounds for deferring action in a building with ACBM. Even when ACBM is identified in a building and exists under ideal conditions (non-friable, minimum access, no physical damage, etc.), the absolute minimum corrective action that should be taken consists of a comprehensive O&M program and periodic surveillance/reinspection of the building.

The recommendations for a specific corrective action or abatement measure are presented for each type of ACM in each homogeneous area. The response actions are based on the USEPA's Decision Tree, **Figure III-a**, and are in accordance with the requirements listed in CTDPH 19a-333-7 and EPA 40 CFR 763.90. The following are standard recommended response actions for various types of ACM:

Damaged or Significantly Damaged Thermal ACM:

- 1) Repair damaged areas.
- 2) Remove the damaged material if it is not feasible due to technological factors to repair the damage.
- 3) Maintain all thermal system ACM and its covering in an intact state and undamaged condition.
- 4) Implement Operation and Maintenance Program until eventual removal.

Damaged Surfacing ACM:

- 1) Repair damaged material.
- 2) Implement Operation and Maintenance Program until eventual removal.
- 3) If unable to repair damaged material, remove.

Damaged Miscellaneous ACM:

- 1) Repair damaged material.
- 2) Implement Operation and Maintenance Program until eventual removal.
- 3) If unable to repair damaged material, remove.

Significantly Damaged Surfacing ACM:

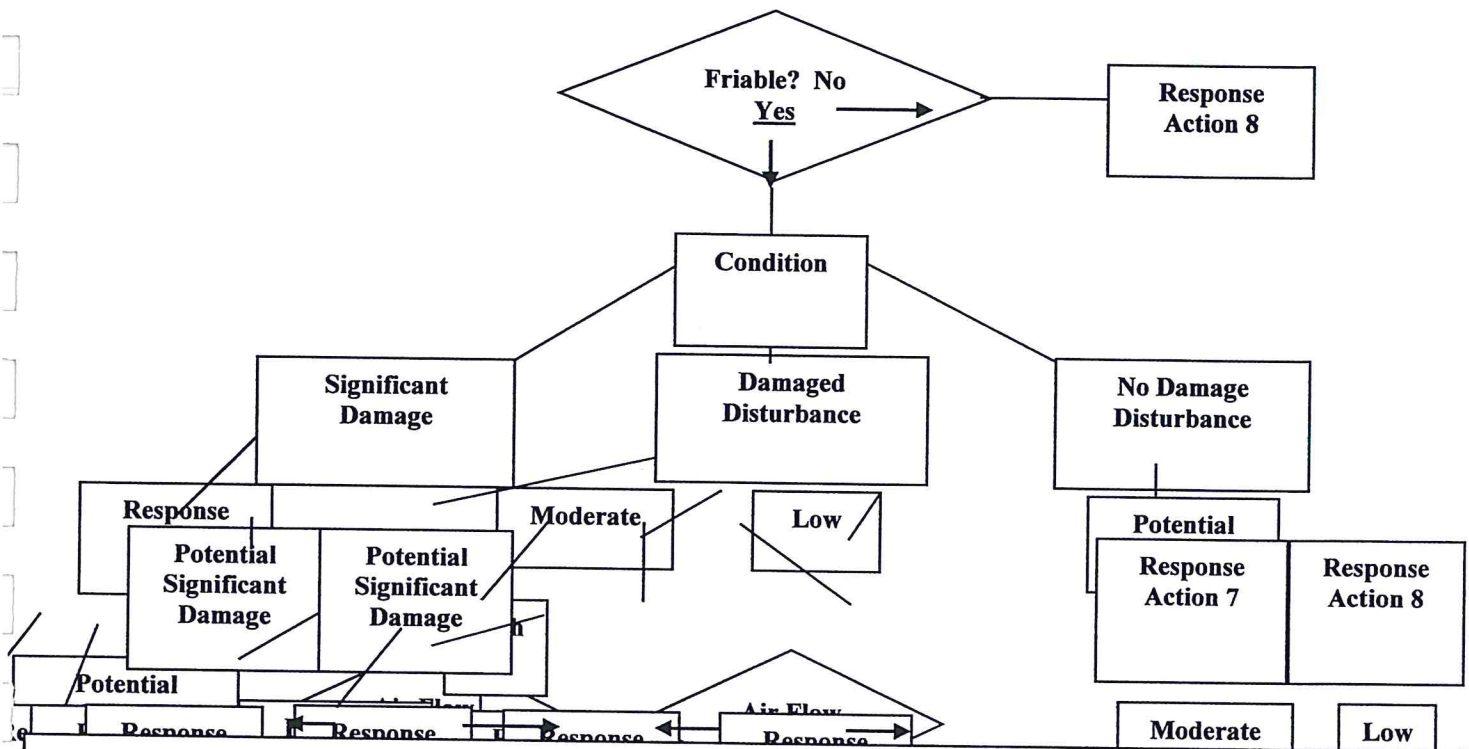
- 1) Immediately isolate the functional space and restrict access.
- 2) Remove material.

Significantly Damaged Miscellaneous ACM:

- 1) Immediately isolate the functional space and restrict access.
- 2) Remove material.

Hazard Assessment Summaries and specific recommended response actions for ACBM located in the Bethel Public School buildings and administrative office areas are included in the following tables. Refer to **Figure III-a** for the USEPA Decision Tree and subsequent response action key.

**FIGURE III-a  
EPA Decision Tree and  
Response Actions**



**RESPONSE ACTION KEY;**

1. Isolate area and restrict access. Remove as soon as possible.
2. Implement O&M. Remove as soon as possible or reduce potential for disturbance.
3. Implement O&M. Schedule removal when practical and cost-effective, or reduce disturbance.
- 4-5. Implement O&M. Schedule removal when practical and cost-effective. Number indicates priority for removal.
- 6-7. Implement O&M. Take preventive measures to reduce disturbance. Number indicates priority for removal.
8. Implement O&M until major renovation or demolition requires removal under NESHAPS or until hazard assessment factors change.



**TABLE III-1  
HAZARD ASSESSMENT AND RESPONSE ACTIONS  
FOR ACBM AT THE  
R.M.T. JOHNSON ELEMENTARY SCHOOL**

ACBM	Location	Friable	Condition	Potential for Future Damage	Air Flow	Response Action *
Boiler rib packing (boiler internals assumed as well)	Boiler room boilers beneath fiberglass insulated metal panels	Yes	No Damage	Low	No	8
12"x12" Resilient floor tile and associated mastic	General Building Classroom & Office Areas	No	No Damage	N/A	N/A	8

**Recommended Response Actions/Preventive Measures To Be Taken**

DATE	DESCRIPTION
2014-2017	All ACBM should undergo periodic surveillance and preventive measures should be undertaken to avoid disturbance. Continue O&M



#### **IV. PERIODIC SURVEILLANCE**

In accordance with USEPA AHERA 40 CFR 763.92(b) and CTDPH 19a-333-9(b), periodic surveillance of the ACBM within the school buildings shall be conducted at least once every six (6) months. Each person performing periodic surveillance shall:

- (A) Visually inspect all areas that are identified in the management plan as ACBM or assumed ACBM;
- (B) Record the date of the surveillance, his or her name, and any changes in the physical condition of the materials; and
- (C) Submit a copy of such record to the designated person for inclusion in the management plan.

The following forms have been designed for periodic surveillance purposes and have been updated with the findings as of the 2014 AHERA/CTDPH reinspection.

**TABLE IV-1**  
**R.M.T. JOHNSON SCHOOL**  
**ACBM PERIODIC SURVEILLANCE FORM**

Surveillance Conducted By: \_\_\_\_\_

Signature: \_\_\_\_\_

Date Surveillance Conducted: \_\_\_\_\_

Location	ACBM Type	Condition Of ACBM During 2008 AHERA Reinspection	Current Condition Of ACBM	Debris Present?	Response Actions Taken
Boiler room boilers beneath fiberglass insulated metal panels	Boiler rib packing (boiler internals assumed as well)	No damage			
General building classroom and office areas	12"x12" Resilient floor tile and associated mastic	No damage			

**APPENDIX A**

**INSPECTOR/MANAGEMENT PLANNER AND  
LABORATORY ACCREDITATIONS**

**STATE OF CONNECTICUT**  
**DEPARTMENT OF PUBLIC HEALTH**

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT  
THE INDIVIDUAL NAMED BELOW IS LICENSED  
BY THIS DEPARTMENT AS A

**ASBESTOS CONSULTANT - INSP/MGMT PLANNER**

**HENRY J. LALIBERTE**

**LICENSE NO.**  
**000030**  
**CURRENT THROUGH**  
**11/30/14**  
**VALIDATION NO.**  
**03-680678**

*Henry J. Laliberte*  
**SIGNATURE**

*Julie Miller*  
**COMMISSIONER**



# Certificate of Training

*Awarded to*

**HENRY LALIBERTE**

*For successful completion of an 8 Hour, 1 Day  
Asbestos Inspector & Management Planner  
Annual Refresher Training*

*July 8, 2014*

This training was approved and given in accordance with  
Regulations for Connecticut State Agencies  
RCSA 20-440 - 1-9 and RCSA 20-441 and meets the  
requirements of the EPA Revised MAP under TSCA Title II of 4/4/94

*Presented by*

**Mystic Air Quality Consultants, Inc.**

**1204 North Road, Groton, CT 06340 (800) 247-7746**

Certificate Number: IMPR23264

Exam Grade: 100

Expiration Date: 07/08/2015

Exam Date: 07/08/2014



**Christopher J. Eident, CIH, CSP, RS**



**George Williamson, Training Director**

Richard Haffey, Training Director



**INSTRUCTIONS:**

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If not, do not take to work the wallet card, place it in a secure place.

6. This copy of  
the certificate is  
to be kept in  
your office or  
place of business  
for inspection  
by the health  
department.

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES

THE INDIVIDUAL NAMED BELOW IS CERTIFIED  
BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT - INSPECTOR

CERTIFICATION NO.  
000014  
CURRENT THROUGH  
02/28/15  
VALIDATION NO.  
03-756000

THOMAS J. MARTIN

*Thomas J. Martin*  
SIGNATURE

*Joel Miller*  
COMMISSIONER

EMPLOYER'S COPY  
STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

CERTIFICATION NO. 000014  
CURRENT THROUGH 02/28/15  
PROFESSION ASBESTOS CONSULTANT-INSPECTOR

NAME THOMAS J. MARTIN  
*Thomas J. Martin*  
COMMISSIONER



Environmental, Health & Safety  
Consultants

639 N. Salina St., Syracuse, NY 13208  
Phone: 315-428-1959 Fax: 315-428-0432  
[www.churchillenvironmental.com](http://www.churchillenvironmental.com)

*Official Record of Successful Training Completion is the  
New York State Department of Health Certificate of Asbestos Safety Training Completion*

**HEREBY CERTIFIES THAT**

**Thomas J. Martin**

HAS SUCCESSFULLY COMPLETED WITH A GRADE OF 94 %  
A 4 HOUR TRAINING COURSE ENTITLED

**Building Inspector Refresher**

This training course complies with requirements set fourth by TSCA Title II  
and New York State Department of Health Title 10, Part 73.2

Course Date: 01/28/2014  
Exam Date: 01/28/2014  
Expiration Date: 01/28/2015  
Certificate #: BIR - 70 - 0373

  
\_\_\_\_\_  
Director of Environmental Training



# State of Connecticut, Department of Public Health

## Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

### TRC ENVIRONMENTAL CORPORATION

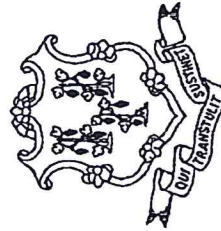
LOCATED AT 21 Griffin Road North IN Windsor, CT 06095

AND REGISTERED IN THE NAME OF Erik Plimpton  
THIS CERTIFICATE IS ISSUED IN THE NAME OF Kathleen Williamson WHO HAS BEEN DESIGNATED  
BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF  
APPROVAL AS FOLLOWS:

ASBESTOS  
AIR-FIBER COUNTING - PCM  
BULK IDENTIFICATION - PLM

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

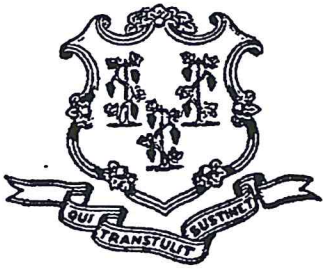
THIS CERTIFICATE EXPIRES December 31, 2015 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH  
DATED AT HARTFORD, CONNECTICUT THIS 19th DAY OF December, 2013



Registration No.

PH-0426

SUZANNE BLANCAFLOR, MS  
CHIEF, ENVIRONMENTAL HEALTH SECTION



STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

CERTIFIED ANALYTES REPORT  
FOR ALL MATRICES  
**TRC-Environmental Corporation**

CT-APP-NUM PH-0426

LOCATION:

21 Griffin Road North

Windsor CT 06095-1590

PHONE (860)-298-9692 X503

REGISTERED OWNER/  
AUTHORIZED AGENT

Erik Plimpton

DIRECTOR

Kathleen Williamson

CO DIRECTOR(S)

APPROVED BY

*Dermot T. Jones*  
DERMOT T. JONES

DATE 12/18/2013 3:35:03 PM

LABORATORY APPROVAL EXPIRATION DATE

12/31/2015

LABORATORY STATUS

APPROVED

ANY QUESTIONS CONCERNING THIS DOCUMENT SHOULD BE ADDRESSED TO  
THE ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM AT (860) 509-7389

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# AIR, BULK, & WATER

STATUS REPORTED ON 12/18/2013

ANALYTE NAME

---

## ASBESTOS

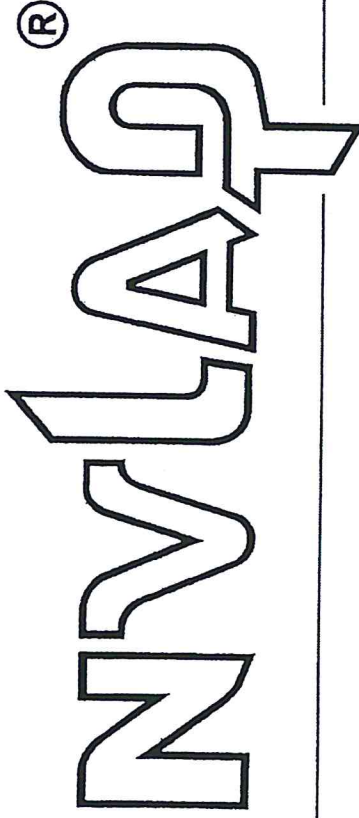
ASBESTOS IN AIR (PCM)

ASBESTOS IN BULK MATERIALS (PLM)

---



United States Department of Commerce  
National Institute of Standards and Technology



## Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101424-0

**TRC Environmental Corporation**  
Windsor, CT

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

### **BULK ASBESTOS FIBER ANALYSIS**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).

2014-07-01 through 2015-06-30

Effective dates



*William R. M. L. D.*

For the National Institute of Standards and Technology



**AIHA**

Laboratory Accreditation  
Programs, LLC

## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

### TRC Environmental Corporation

21 Griffin Road North, Windsor, CT 06095

Laboratory ID: 100122

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

#### LABORATORY ACCREDITATION PROGRAMS

- ☒ INDUSTRIAL HYGIENE
- ☐ ENVIRONMENTAL LEAD
- ☐ ENVIRONMENTAL MICROBIOLOGY
- ☐ FOOD
- ☐ UNIQUE SCOPES

Accreditation Expires: 10/01/2016

Accreditation Expires:

Accreditation Expires:

Accreditation Expires:

Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website ([www.aihaaccreditedlabs.org](http://www.aihaaccreditedlabs.org)) for the most current Scope.

*Gerald R. Schultz*

Gerald Schultz, CIH  
Chairperson, Analytical Accreditation Board

Revision 14: 03/26/2014

*Cheryl O. Morton*

Cheryl O. Morton  
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Date Issued: 07/31/2014





**Laboratory Accreditation  
Programs, LLC**

## **AIHA Laboratory Accreditation Programs, LLC**

### **SCOPE OF ACCREDITATION**

**TRC Environmental Corporation**  
21 Griffin Road North, Windsor, CT 06095

Laboratory ID: 100122  
Issue Date: 07/31/2014

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

#### **Industrial Hygiene Laboratory Accreditation Program (IHLAP)**

**Initial Accreditation Date: 09/01/1984**

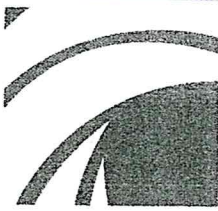
<b>IHLAP Scope Category</b>	<b>Field of Testing (FoT)</b>	<b>Technology sub-type/ Detector</b>	<b>Published Reference Method/Title of In-house Method</b>	<b>Method Description or Analyte (for internal methods only)</b>
<b>Asbestos/Fiber Microscopy Core</b>	Polarized Light Microscopy (PLM)		EPA 600/M4-82-020	Interim Method of the Determination of Asbestos in Bulk Insulation Samples
			EPA 600/R-93/116	
	Phase Contrast Microscopy (PCM)		NIOSH 7400	

A complete listing of currently accredited Industrial Hygiene laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



**APPENDIX B**

**CTDPH LEA THREE-YEAR REINSPECTION  
REPORT FORM**



21 Griffin Road North  
Windsor, CT 06095

860.298.9692 PHONE  
860.298.6399 FAX

[www.TRCSolutions.com](http://www.TRCSolutions.com)

October 7, 2014

Ms. Kristen Day  
Environmental Sanitarian II  
Department of Public Health  
Indoor Air Program  
Division of Environmental Health  
410 Capitol Avenue, MS#51AIR  
P.O. Box 340308  
Hartford, Connecticut 06134

Re: AHERA Inspections  
Bethel Board of Education  
TRC Job No.: 218736.0010.00001

Dear Ms. Day:

Enclosed please find the Local Education Agency Three Year Reinspection Report for the AHERA inspections of the Bethel Public Schools in Bethel, Connecticut. TRC Environmental Corporation, acting on behalf of Bethel Board of Education, is forwarding this form as required.

If you have any questions regarding this project please do not hesitate to call me at (860) 298-6266.

Sincerely,

TRC ENVIRONMENTAL CORPORATION

A handwritten signature in cursive script, reading "Henry J. Laliberte".

Henry J. Laliberte  
Senior Consulting Scientist

CC: Frank Ventrella, Bethel Board of Education



# STATE OF CONNECTICUT

## DEPARTMENT OF PUBLIC HEALTH

### LOCAL EDUCATION AGENCY THREE-YEAR REINSPECTION REPORT OF ASBESTOS-CONTAINING MATERIALS

(In accordance with Section 19a-333-3(b) of the Regulations of Connecticut State Agencies)

#### INSTRUCTIONS

1. This form must be typewritten.
2. If any space allowed is inadequate, continue on the reverse of this sheet.
3. Return original form to the State of CT Department of Public Health
4. Return a copy of the completed form to the address below and keep a copy in the LEA management plan.

**LOCAL EDUCATIONAL AGENCY: Bethel Board of Education**

Name:	Bethel Public Schools		
Address:	1 School Street, Bethel Connecticut, 06801		
School(s):	Date Management Plan Accepted by State	Reinspection Date/s	Next Reinspection Due
Please list and identify any schools that have closed since the previous reinspection			
Bethel High School	October 1990	August 2014	August 2017
F.A. Berry Elementary School	October 1990	August 2014	August 2017
R.M.T. Johnson Elementary School	October 1990	August 2014	August 2017
Anna H. Rockwell Elementary School	October 1990	August 2014	August 2017
Bethel Middle School	November 1993	August 2014	August 2017

Inspector: Thomas Martin Signature: [Signature]  
Please attach copies of current Inspector license and current refresher certificate

Management Planner: Henry J. Laliberte Signature: [Signature]  
Please attach copies of current Management Planner license and current refresher certificate

LEA Designated Person: Frank N. Ventrella Signature: [Signature]  
Please attach documentation of training

**Note:**



Phone: (860) 509-7367, Fax: (860) 509-7378  
Telephone Device for the Deaf (860) 509-7191  
410 Capitol Avenue - MS #51 AIR  
P.O. Box 340308 Hartford, CT 06134  
An Equal Opportunity Employer



CERT# ANDP - 23

**CHEMSCOPE TRAINING DIVISION**  
**ASBESTOS MANAGEMENT DESIGNATED PERSON**  
**8 HOUR TRAINING CERTIFICATE**

**Frank Ventrella**  
**1 School Street, Bethel CT**

**040-62-5141**

Has attended a training course on the subject discipline on

11/08/02

Course topics include background information on asbestos, physical properties and potential health effects, regulations and current issues, functions of the asbestos inspector management planner and the school limitations of the inspection, responsibilities of the designated person, periodic surveillance and reinspections, response actions.

**Examination Date: 11/08/02**

**Expiration Date: None**



**Ronald D. Arena**  
**Training Director**

**CHEMSCOPE, INC.**  
**15 Moulthrop Street**  
**North Haven Ct 06473**  
**(203) 865-5605**

**APPENDIX C**

**SCHOOL NOTICE TO SHORT TERM WORKERS FORM**

## NOTICE TO SHORT TERM WORKERS

All workers entering the RMT Johnson School must sign in, thereby acknowledging the presence and locations of asbestos-containing materials (ACM) in the RMT Johnson School. No work will be allowed in the areas listed below without prior approval from Frank N. Ventrella, the AHERA Designated Person for the Bethel Board of Education.

Sign in sheets will be picked up at the time of the six month periodic surveillance inspections and will be included in the building's asbestos management plan.

By signing the form below, I acknowledge that I have reviewed the management plan for the School and know the locations of the asbestos-containing materials (ACM) associated with the building and have adequate training to work in areas where I may come in contact with ACM.

### WORKER SIGN IN FORM

[illegible]