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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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Results you can rely on

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

Thomas Martin
Inspector

Henry J. Laliberte
Management Planner

TRC Project No. 218736.0010.00001
August 2014

TRC
21 Griffin Road North
Windsor, Connecticut 06095
Telephone 860-298-9692
Facsimile 860-298-6380

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 ACBM,
- Ensure warning labels are attached adjacent to any ACBM 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 ACBM in each building at least every 6 months to identify changes in physical condition of the ACBM and implement proper response actions,
- Conduct reinspections of the ACBM 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 ACBM 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 ACBM 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:

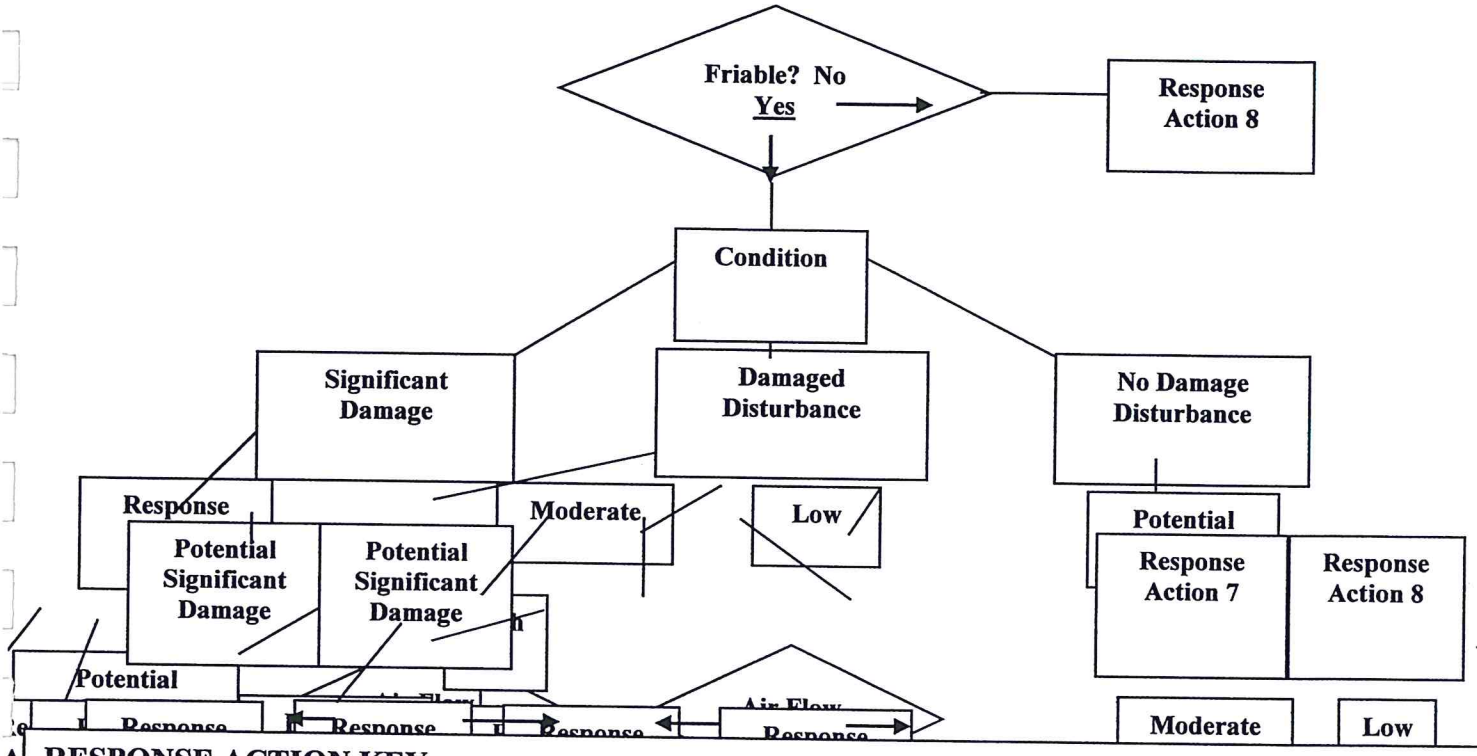
1) Immediately isolate the functional space and restrict access.
2) Remove material.

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

SIGNATURE

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

Exam Date: 07/08/2014

Expiration Date: 07/08/2015

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 place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.

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

THOMAS J. MARTIN

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

SIGNATURE

COMMISSIONER

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
THOMAS J. MARTIN

VALIDATION NO.
03-756000

CERTIFICATION NO.
000014

CURRENT THROUGH
02/28/15

PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

COMMISSIONER

CHURCHILL ENVIRONMENTAL, INC

Environmental, Health & Safety
Consultants

639 N. Salina St., Syracuse, NY 13208
Phone: 315-428-1959 Fax: 315-428-0432
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

Thomas M Gallanni Jr

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

DERMOT T JONES

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

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

NVLAP®

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 Communique dated January 2009).

2014-07-01 through 2015-06-30

Effective dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2009-01-28)

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**	Accreditation Expires: 10/01/2016
☐	**ENVIRONMENTAL LEAD**	Accreditation Expires:
☐	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires:
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	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) for the most current Scope.

Gerald R Schultz

Gerald Schultz, CIH
Chairperson, Analytical Accreditation Board

Cheryl O. Morton

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

Revision 14: 03/26/2014

Date Issued: 07/31/2014

AIHA

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

IHLAP Scope Category	Field of Testing (FoT)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte *(for internal methods only)*
Asbestos/Fiber Microscopy Core	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

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

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

Please list and identify any schools that have closed since the previous reinspection

School(s):	Date Management Plan Accepted by State	Reinspection Date/s	Next Reinspection Due
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:* Thomas Martin

Please attach copies of current Inspector license and current refresher certificate

Management Planner: Henry J. Laliberte *Signature:* Henry J. Laliberte

Please attach copies of current Management Planner license and current refresher certificate

LEA Designated Person: Frank N. Ventrella *Signature:* Frank N. Ventrella

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# AMDP - 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

DATE	LOCATION OF WORK	NAME	COMPANY	TELEPHONE NUMBER