SIX-MONTH AHERA ASBESTOS PERIODIC SURVEILLANCE

October 25, 2012

Bourne Public Schools

Bourne, Massachusetts

January 9, 2013



FUSS & O'NEILL
EnviroScience, LLC

50 Redfield Street, Suite 100
Boston, MA 02122

For Compliance with
United States Environmental Protection Agency (USEPA)
Asbestos Hazard Emergency Response Act (AHERA)
(40 CFR Part 763)

Project No. 20121141.A2E

FUSS & O'NEILL
EnviroScience, LLC

January 9, 2013

Mr. Edward Donoghue
Director of Business Services
Bourne Public Schools
36 Sandwich Road
Bourne, MA 02532

RE: **6 Month Periodic AHERA Inspection**
Bourne Public Schools
Fuss & O'Neill EnviroScience, LLC No. 20121141.A2E

Dear Mr. Donoghue:

Enclosed are two copies of the report generated for the six-month periodic asbestos surveillance performed from October 25, 2012. Individual field reports are completed for each school and are attached to the report.

The report text and field sheets should be added to the permanent file on hand at each school to document updates and revisions to the management plans. A copy of the entire report should be kept in your office as well.

Should you have any questions regarding these reports, do not hesitate to contact Bob May at 617-282-4675 extension 4701.

Sincerely,

Dustin A. Diedricksen
Project Manager/Scientist

Robert L. May, Jr.
Vice President

RLM/ftc

Attachment

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www.fando.com

Connecticut
Massachusetts
Rhode Island
South Carolina

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FUSS & O'NEILL

Bourne Public Schools
Periodic Surveillance Report

On October 25, 2012, Fuss & O'Neill EnviroScience, LLC (EnviroScience) representative, Dustin A. Diedricksen, a licensed Asbestos Inspector in the Commonwealth of Massachusetts (Refer to *Appendix A* for Asbestos Inspector license), performed periodic surveillance for the Bourne Public Schools as described in the Asbestos Hazard Emergency Response Act (AHERA) 40 CFR Part 763 regulations. The reports were reviewed by licensed Asbestos Management Planner, Robert L. May Jr.; refer to *Appendix A* for a copy of certifications and licenses. The surveillance assessments were conducted in order to update the conditions of known, and assumed, asbestos-containing building materials (ACBM), and to identify areas where corrective response actions may be required. A Three-Year Asbestos Re-Inspection and Management Plan Update was completed by EnviroScience in December 2011.

Periodic surveillance involves the visual reassessment of any ACBM or assumed ACBM listed in the Asbestos Management Plan (AMP) for each school. The date of the periodic surveillance, as well as the location of each, was noted along with the change in condition of the ACBM, if any. Completed inspection forms are included in this report.

Changes in ACBM assessment are listed in the included forms. "Changes" included conditions and/or locations of ACBM that were not assessed in the last inspection. ACBM that were previously identified as damaged, and remain in a damaged condition, are also listed.

The following buildings were inspected on indicated date:

Building	Square Feet	Date Of Inspection
Peebles Elementary School	68,300	October 25, 2012
Maintenance & Storage Buildings at Peebles	1,200/2,030	October 25, 2012
Bourne High School	1,200/2,030	October 25, 2012
Otis Memorial Elementary School	35,160	October 25, 2012
Administration Building	3,830	October 25, 2012

EnviroScience recommends that the ACBM listed in each form as "damaged" or "significantly damaged" be removed or repaired by an Asbestos Abatement Contractor (licensed by the Commonwealth of Massachusetts) in order to avoid further damage and potential exposure of building occupants to airborne asbestos fibers.

If ACBM will be repaired or removed, work order forms should be completed by the School System. These work order forms are located in the AMP for each school. In preparation for a possible site visit by the Commonwealth of Massachusetts, please maintain a permanent file on hand at every school documenting all updates and revisions.

Abatement of ACBM by removal or repair must be performed under a project design prepared by a Commonwealth of Massachusetts licensed Asbestos Project Designer. Also, upon completion of the

work, a Commonwealth of Massachusetts licensed Asbestos Project Monitor must perform a visual inspection and final air-clearance monitoring.

This report for periodic surveillance has been prepared to document current conditions of ACBM, or presumed ACBM, on behalf of the local Education Agency (LEA) Bourne Public Schools in accordance with AHERA regulation 40 CFR Part 763.

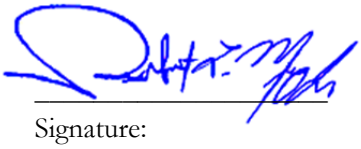
A Schedule and Cost Table for asbestos abatement is included in *Appendix B.*

The Supplemental Asbestos Sampling report prepared by Fuss & O'Neill EnviroScience, LLC (dated December 19, 2012) is included in *Appendix C.*

Inspectors:

Dustin Diedricksen		1/9/13
AI-041867	Signature:	Date

Reviewed by Management Planner:

Robert L. May Jr.		1/9/13
AP-041719	Signature:	Date:

Designated Person:	_____	_____
Edward Donoghue	Signature:	Date:

FUSS & O'NEILL

Periodic Surveillance Report

Peebles Elementary School

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Pipe Insulation & Associated Fittings	Classroom 25 – near sink	Damaged	Good	Y		Repair (i.e. application of wet wrap) completed by maintenance personnel; adjacent area HEPA vacuumed and wet wiped by licensed Asbestos Abatement Contractor and/or cleaning service (Summer 2012). TEM air sampling, performed per request of MassDEP, confirmed appropriate cleaning. Abatement activities have been documented.
Pipe Insulation & Associated Fittings	Custodial Closet near Classroom 19	Damaged	Good	Y		Repair (i.e. application of wet wrap) completed by maintenance personnel; adjacent area HEPA vacuumed and wet wiped by licensed Asbestos Abatement Contractor and/or cleaning service (Summer 2012). TEM air sampling, performed per request of MassDEP, confirmed appropriate cleaning. Abatement activities have been documented.

Conditions: G = Good
D = Damaged
SD = Significant damage

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Pipe Insulation & Associated Fittings	Classroom 16 Closet	Damaged	Good	Y		Repair (i.e. application of wet wrap) completed by maintenance personnel; adjacent area HEPA vacuumed and wet wiped by licensed Asbestos Abatement Contractor and/or cleaning service (Summer 2012). TEM air sampling, performed per request of MassDEP, confirmed appropriate cleaning. Abatement activities have been documented.
Pipe Insulation & Associated Fittings	Storage Room near Classroom 17	Good	Good	N		
Pipe Insulation & Associated Fittings	Classroom 24 – Behind Sink	Good	Good	N		

Conditions: G = Good
D = Damaged
SD = Significant damage

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Pipe Insulation & Associated Fittings	Parent's Resource Library next to Classroom 9	Damaged	Good	Y		Repair (i.e. application of wet wrap) completed by maintenance personnel; adjacent area HEPA vacuumed and wet wiped by licensed Asbestos Abatement Contractor and/or cleaning service (Summer 2012). TEM air sampling, performed per request of MassDEP, confirmed appropriate cleaning. Abatement activities have been documented.
Pipe Insulation & Associated Fittings	Basement Restroom Pipe Chase (Limited Access)	Good	Good	N		Asbestos Abatement Contractor HEPA vacuumed and wet wiped accessible areas of pipe chase. Area to remain locked, and storage of custodial supplies is prohibited.

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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Pipe Insulation & Associated Fittings	Basement Restroom Pipe Chase – Annex	2 Damaged fittings underneath Annex Stairway Landing Access Panel	Good	Y		Repair (i.e. application of wet wrap) completed by maintenance personnel; adjacent area HEPA vacuumed and wet wiped by licensed Asbestos Abatement Contractor and/or cleaning service (Summer 2012). TEM air sampling, performed per request of MassDEP, confirmed appropriate cleaning. Abatement activities have been documented.
Pipe Insulation & Associated Fittings	Storage Room Across from Classroom 13 (former music room)	Damaged	Good	Y		Repair (i.e. application of wet wrap) completed by maintenance personnel; adjacent area HEPA vacuumed and wet wiped by licensed Asbestos Abatement Contractor and/or cleaning service (Summer 2012). TEM air sampling, performed per request of MassDEP, confirmed appropriate cleaning. Abatement activities have been documented.

Conditions: G = Good
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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Pipe Insulation & Associated Fittings	Copy Room (Formerly Room 1A)	Good	Good	N		
Pipe Insulation & Associated Fittings	Concealed Chases, above Fixed Ceilings, and within Mechanical Systems	N/A	N/A	N		Concealed Note: accessible pipe insulation removed entirely (19 LF) from HVAC units at stage by licensed Asbestos Abatement Contractor (Summer 2012). Abatement activities have been documented.
Ceiling Plaster (Skim Coat)	Basement Main Hallway	60 SF Damaged	Good	Y		Ceiling is newly painted and intact. Hallway surfaces were HEPA vacuumed and wet wiped by licensed Asbestos Abatement Contractor (Summer 2012). Abatement activities have been documented.
Ceiling Plaster (Skim Coat)	Storage Room across from Classroom 13 (Former Music Room)	75 SF Damaged	75 SF Damaged	N	75 SF	Area not accessible to students. Recommend repair of damaged (friable) ceiling within 6-month period.

Conditions: G = Good
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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Ceiling Plaster (Skim Coat)	Boy's bathroom across from Classroom 7	8 SF Damaged	Non-ACM	Y		Determined as non-ACM from (August 2012) supplemental sampling
Ceiling Plaster (Skim Coat)	Girl's Bathroom across from Classroom 7	5 SF Damaged	Non-ACM	Y		Determined as non-ACM from (August 2012) supplemental sampling
Ceiling Plaster (Skim Coat)	Cafeteria	100 SF Damaged	Good	Y		Repaired in Summer 2012; abatement documented
Ceiling Plaster (Skim Coat)	Teachers' Lounge	15 SF Damaged	Non-ACM	Y		Determined as non-ACM from (August 2012) supplemental sampling
Ceiling Plaster (Skim Coat)	Music Room near Gym	25 SF Damaged	Non-ACM	Y		Determined as non-ACM from (August 2012) supplemental sampling
Ceiling Plaster (Skim Coat)	Sp. Ed. Office	Good	Non-ACM	Y		Determined as non-ACM from (August 2012) supplemental sampling
Ceiling Plaster (Skim Coat)	Classrooms 1 - 8	N/A	N/A	N		Plaster ceiling not observed above acoustical ceiling tile; assume concealed ACM

Conditions: G = Good
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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Ceiling Plaster (Skim Coat)	Classroom 9	10 SF Damaged	Good	Y		Repaired in Summer 2012; abatement documented Note: included full cleaning of entire classroom by licensed Asbestos Abatement Contractor
Ceiling Plaster (Skim Coat)	Classroom 10	25 SF Damaged	Good	Y		Repaired in Summer 2012; abatement documented Note: included full cleaning of entire classroom by licensed Asbestos Abatement Contractor
Ceiling Plaster (Skim Coat)	Classroom 11	Good	Good	N		
Ceiling Plaster (Skim Coat)	Classroom 12	Good	Good	N		
Ceiling Plaster (Skim Coat)	Classroom 13	1 SF Damaged	Good	Y		Repaired in Summer 2012; abatement documented Note: included full cleaning of entire classroom by licensed Asbestos Abatement Contractor

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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Ceiling Plaster (Skim Coat)	Hallway off Main Lobby and Basement Hallway (e.g. Hallways, Closets, Offices, etc.)	Good	Good	N		Note any additional areas of damaged ACM plaster. Note: all plaster in Annex Building determined as non-ACM from (Summer 2012) supplemental sampling.
9x9 Floor Tile	Stairway (Gym to Cafeteria) & Landings/Hallways	Damaged	252 SF Damaged	N	252 SF	Remove damaged floor tile 2 SF @ Gym Lobby 250 SF @ Stairway (Gym to Cafeteria) & Landings/ Hallways
9x9 Floor Tile	Stairway at Annex Hallway	Damaged	6 SF Damaged	N	6 SF	Remove damaged floor tile
9x9 Floor Tile	Ground Floor Annex Hallway	Damaged	Good	Y		510 SF of 9x9 floor tile removed by licensed Asbestos Abatement Contractor at Ground Floor Annex Hallway by licensed Asbestos Abatement Contractor (Fall 2012). Abatement activities have been documented.

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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
9x9 Floor Tile	Basement Main Hallway from Classroom 13 to Cafeteria	Damaged	40 SF Damaged	N	40 SF	Remove damaged floor tile 2 SF @ Stairway Doors 8 SF @ Cafeteria Threshold 6 SF @ Storage Threshold 8 SF @ Doors o/s CR 13, 3 SF @ Double Doors 4 SF @ Girls Bath. o/s CR 10 9 SF @ Girls Bath. o/s CR 13
9x9 Floor Tile	Main Hallway from Main Office to Sp. Ed. Office & Lobby/Vestibule	Damaged	17 SF Damaged	Y	17 SF	Remove remaining damaged floor tile nearer to Main Office 4 SF @ o/s Copy Room, 5 SF @ Radiator by Main Ent. 6 SF @ Main Door Threshold 2 SF @ Vestibule _____ Note: 640 SF of 9x9 floor tile removed by licensed Asbestos Abatement Contractor at hallway area nearer to Sp. Ed. Office (Summer 2012). 6 SF of 9x9 floor tile removed at threshold area outside Gymnasium (Summer 2012). 30 SF of lifting/loose 9x9 floor tile removed (Fall 2012). Abatement activities have been documented.

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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
9x9 Floor Tile	Stair Landing at Door across from Classroom 4	Good	Good	N		
9x9 Floor Tile	Classroom 5	8 SF Damaged	14 SF Damaged	Y	14 SF	Remove damaged floor tile 10 SF @ Sink 4 SF @ Door Note: 20 SF of lifting/loose 9x9 floor tile removed by licensed Asbestos Abatement Contractor (Fall 2012). Abatement activities have been documented.
9x9 Floor Tile	Classroom 7	Good	Good	Y		Note: 16 SF of lifting/loose 9x9 floor tile removed by licensed Asbestos Abatement Contractor (Fall 2012). Abatement activities have been documented.
9x9 Floor Tile	Sp. Ed Office (Formerly Books & Supplies Closet at End of 1st Floor Main Hall)	Good	Good			

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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
9x9 Floor Tile	Classroom 13	Good	4 SF Damaged	Y	4 SF	Remove damaged floor tile 1 SF @ Coat Closet 3 SF @ Bathroom b/w Classroom 12 and 13
9x9 Floor Tile	Classroom 14	1 SF Damaged	1 SF Damaged	N		Remove damaged floor tile
9x9 Floor Tile	Classroom 15	4 SF Damaged	4 SF Damaged	N	4 SF	Remove damaged floor tile 2 SF @ Closet 2 SF @ Center
9x9 Floor Tile	Classroom 16	Good	4 SF Damaged	Y	4 SF	Remove damaged floor tile 4 SF @ Closet
9x9 Floor Tile	Classroom 17	3 SF Damaged	6 SF Damaged	Y	6 SF	Remove damaged floor tile 5 SF @ Radiator 1 SF @ Closet
9x9 Floor Tile	Classroom 18	8 SF Damaged	11 SF Damaged	Y	11 SF	Remove damaged floor tile 8 SF @ Radiator 3 SF @ Door to Classroom 17
9x9 Floor Tile	Classroom 19	9 SF Damaged	9 SF Damaged	N	9 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 20	Good	Good	N		

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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
9x9 Floor Tile	Classroom 21	Good	Good	N		
9x9 Floor Tile	Classroom 22	2 SF Damaged	2 SF Damaged	N	2 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 23	Good	Good	N		
9x9 Floor Tile	Classroom 24	8 SF Damaged	8 SF Damaged	N	8 SF	Remove damaged floor tile 2 SF @ Door 6 SF @ Radiator
9x9 Floor Tile	Classroom 25	Good	4 SF Damaged	Y	4 SF	Remove damaged floor tile 1 SF @ Closet 3 SF @ Door
9x9 Floor Tile	Cafeteria	15 SF Damaged	15 SF Damaged	Y	90 SF	Remove damaged floor tile at expansion joint
9x9 Floor Tile	Art Room	8 SF Damaged	Good	Y		Document repair
9x9 Floor Tile	Annex Building Stairway (Former Library)	5 SF Damaged	5 SF Damaged	N	5 SF	Remove damaged floor tile
9x9 Floor Tile	Main Office	Good	4 SF Damaged	Y	4 SF	Remove damaged floor tile 4 SF @ Reception Area

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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
9x9 Floor Tile	Nurse's Office & Secretary's Office	1 SF Damaged	1 SF Damaged	N	1 SF	Remove damaged floor tile 1 SF @ Radiator in Nurse's Office
9x9 Floor Tile	Teachers' Room	3 SF Damaged	8 SF Damaged	Y	8 SF	Recommend removal of floor tile at hallway area (80 SF)
9x9 Floor Tile	Annex Building Common Area (Former Library)	10 SF Damaged	10 SF Damaged	N	10 SF	Remove damaged floor tile
9x9 Floor Tile	Attic	Good	Good	N		
Window Glazing Compound Associated with Interior Windows at Classrooms	Hallway off Main Lobby and Basement Hallway	N/A	Good	N		Not included in August 2009 sampling of suspect ACBM; assume positive until sample results prove otherwise Recommend asbestos bulk sampling
Caulking at Plaster Soffit and Metal Duct	Cafeteria (Over Serving Line)	N/A	Good	N		Determined as ACBM from (Summer 2012) supplemental sampling. Recommend removal due to location near food preparation
Vibration Isolators	Attic	Good	Good	N		
Vibration Isolators	Annex Loft	Good	Good	N		

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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

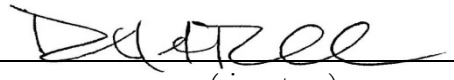
School: Peebles Elementary School
Address: 70 Trowbridge Rd, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections:

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Vibration Isolators	Stage	Good	Good	N		
Vibration Isolators	Custodian's Closet next to Class 16	Good	Good	N		
Transite Paneling	Annex Loft	Good	Good	N		
Transite Paneling	Boiler Room Electrical Panel	Good	Good	N		

Surveillance conducted by: Dustin Diedricksen



(signature)

I, the LEA's Designated Person, have read and understood the findings noted above: _____

Date: _____

Conditions: G = Good
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FUSS & O'NEILL

Periodic Surveillance Report

Maintenance & Storage Buildings at Peebles

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School Building: Maintenance & Storage Buildings (at Peebles Elementary School)
Address: 70 Trowbridge Rd, Bourne, MA

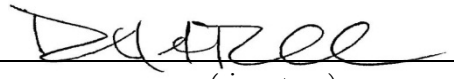
Date(s) of Original Inspection: 1994

Date(s) of Subsequent Re-Inspections: 1998, 2001, 2004

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Transite Ceiling Paneling	Storage Building: Left Side Garage Bay	Good	Good	N		Small break at corner of transite panel with no visible debris Note: building made inaccessible to students
9x9 Vinyl Floor Tile	Storage Building: Restroom	Good	Good	N		Assume underneath 12x12 floor tile
Storage Building: Center & Right Garage Bays, First Floor Walls & Ceiling	Sheetrock & Joint Compound	Good	Good	N		Not included in August 2009 sampling of suspect ACBM; assume positive until sample results prove otherwise Recommend asbestos bulk sampling

Surveillance conducted by: Dustin Diedricksen



(signature)

I, the LEA's Designated Person, have read and understood the findings noted above: _____

Date: _____

Conditions: G = Good
D = Damaged
SD = Significant damage

FUSS & O'NEILL

Periodic Surveillance Report

Bourne High School

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Bourne High School
Address: 75 Waterhouse Road, Bourne, MA

Date(s) of Original Inspection: 1988
Date(s) of Subsequent Re-Inspections: 94, 98, 01, 05, 07

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Mudded Insulation on Pipe Fittings	Throughout Pipe Tunnel	Good	N/A	N/A		Concealed
Mudded Insulation on Pipe Fittings	Gymnasium	Gym was inaccessible at time due to ongoing sealing of gym floor	Good	Y		Mudded insulation removed from 3 fittings in Summer 2012; abatement documented
Mudded Insulation on Pipe Fittings	Boys Locker Room behind Cubicle	Good	Good	N		Mudded insulation removed from 1 fitting in Summer 2012; abatement documented
Mudded Insulation on Pipe Fittings	Janitor's Chemical Storage Room (next to Graphic Arts Room in Basement)	Good	Good	N		Mudded insulation removed from 1 fitting in Summer 2012; abatement documented
Mudded Insulation on Pipe Fittings	First Floor Men's Bathroom near West Exit (across from Cafeteria)	Good. (Only 6 of 16 fittings observed were ACM. The others were plastic).	Good	N		
Mudded Insulation on Pipe Fittings	A Wing Classrooms above Ceilings	Good	N/A	N/A		Concealed
Mudded Insulation on Pipe Fittings	B Wing Classrooms above Ceilings	Good	N/A	N/A		Concealed
Mudded Insulation on Pipe Fittings	Janitor's Office in Basement	Good	Good	N		
Mudded Insulation on Pipe Fittings	Basement Storage Room across from Art Room	1 Damaged Fitting	Good	Y		Mudded insulation removed from 1 fitting in Summer 2012; abatement documented

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PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Bourne High School
Address: 75 Waterhouse Road, Bourne, MA

Date(s) of Original Inspection: 1988
Date(s) of Subsequent Re-Inspections: 94, 98, 01, 05, 07

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Mudded Insulation on Pipe Fittings	Basement Art Room (Room 9) by Kiln & Closet	Good (Some Fittings are Plastic)	Good	Y		Mudded insulation removed from 3 fittings in Summer 2012; abatement documented
Mudded Insulation on Pipe Fittings	Alarm Vault across from Elevator	Good	Good	N		
Mudded Insulation on Pipe Fittings	Office Materials Storage Room Near Elevator in Basement	Good	Good	N		
Mudded Insulation on Pipe Fittings	Duct Vault/Storage across from Gymnasium	Damaged /Good	Good	Y		Mudded insulation removed from 2 fittings in Summer 2012; abatement documented
Mudded Insulation on Pipe Fittings	B-wing Janitor's Closet near Boys' Bathroom	Good	Good	N		
Mudded Insulation on Pipe Fittings	Girls Locker Room (Fittings at roof drain)	Good	Good	N		
Mudded Insulation on Pipe Fittings	Girls Storage Closet next to Locker Room	25 SF Damaged	Good	Y	1 EA	Mudded insulation removed from 1 fitting in Summer 2012; abatement documented
Mudded Insulation on Pipe Fittings	Janitor's Closet on 2nd Floor across from Elevator	Damaged (1 Fitting)	Good	Y		Mudded insulation removed from 4 fitting in Summer 2012; abatement documented
Mudded Insulation on Pipe Fittings	Janitor's Closet on 1st floor across from Elevator	Good	Good	N		Potential for significant damage (i.e. kicking hazard); recommend removal of 6 mudded fittings
Mudded Insulation on Pipe Fittings	C Wing Classrooms above Ceilings	Good	N/A	N/A		Concealed

Conditions: G = Good
D = Damaged
SD = Significant damage

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Bourne High School
Address: 75 Waterhouse Road, Bourne, MA

Date(s) of Original Inspection: 1988
Date(s) of Subsequent Re-Inspections: 94, 98, 01, 05, 07

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Mudded Insulation on Pipe Fittings	Photography Darkroom	Damaged/ Good	Good	Y		Mudded insulation removed from 6 fittings in Summer 2012; abatement documented
Mudded Insulation on Pipe Fittings	Janitor's Closet with Slop Sink (Basement)	Damaged/Good	Good	Y		Mudded insulation removed from 1 fitting, and 5 fittings repaired, in Summer 2012; abatement documented
Mudded Insulation on Pipe Fittings	Concealed Chases and above fixed Ceilings	Not Visible	N/A	N/A		Concealed
9x9 Floor Tile	Throughout	Good	Good with Exceptions Listed Below	N		
9x9 Floor Tile	Classroom 17A	Good	25 SF Damaged	Y	25 SF	Remove damaged floor tile 15 SF @ Desk 10 SF @ Outer Wall
9x9 Floor Tile	Classroom 19A	Good	3 SF Missing 2 SF Damaged	Y	5 SF	Remove damaged floor tile; replace missing floor tile
9x9 Floor Tile	Classroom 20A	Good	2 SF Damaged	Y	2 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 24A	Good	1 SF Damaged	Y	1 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 25A	5 SF Missing	6 SF Missing	Y	6 SF	Replace missing floor tile
9x9 Floor Tile	Classroom 14B	Good	2 SF Damaged	Y	2 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 21B	Good	2 SF Missing	Y	2 SF	Replace missing floor tile

Conditions: G = Good
D = Damaged
SD = Significant damage

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Bourne High School
Address: 75 Waterhouse Road, Bourne, MA

Date(s) of Original Inspection: 1988
Date(s) of Subsequent Re-Inspections: 94, 98, 01, 05, 07

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
9x9 Floor Tile	Classroom 22B	Good	10 SF Lifting	Y	10 SF	Remove lifting floor tile
9x9 Floor Tile	Classroom 23B	Good	3 SF Damaged	Y	3 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 26B	Good	6 SF Missing	Y	6 SF	Replace missing floor tile
9x9 Floor Tile	Classroom 11C	6 SF Damaged	10 SF Damaged	Y	10 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 13C	Good	2 SF Damaged	Y	2 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 14C	Good	4 SF Damaged	Y	4 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 20C	Good	3 SF Damaged	Y	3 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 22C	Good	2 SF Missing	Y	2 SF	Replace missing floor tile
9x9 Floor Tile	Classroom 24C	Good	4 SF Damaged	Y	4 SF	Remove damaged floor tile
9x9 Floor Tile	Janitor's Office	Good	3 SF Damaged	Y	3 SF	Remove damaged floor tile
9x9 Floor Tile	Special Education (former Home Economics Classroom)	Good	Good	Y		175 SF of loose tile removed (Summer 2012) as part of emergency abatement; abatement documented
Transite Exhaust Ducts	Classrooms 22C & 24C	Good	Good	N		

Conditions: G = Good
D = Damaged
SD = Significant damage

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

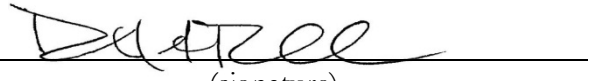
School: Bourne High School
Address: 75 Waterhouse Road, Bourne, MA

Date(s) of Original Inspection: 1988
Date(s) of Subsequent Re-Inspections: 94, 98, 01, 05, 07

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Roof Drain Mudded Insulation on Fittings	Girls Locker Room, Gym Office, Biology Lab, 2nd Floor Storage Room, Music Room, Custodial Closet, Faculty Lunch Room	5 SF Damaged in B-Wing 2nd Floor Storage Room; remainder in good condition	Good	N	5 SF	Previously noted damage limited to cloth overwrap at B-Wing 2nd Floor Storage Room; recommend application of wet wrap to prevent potential damage

Surveillance conducted by: Dustin Diedricksen



(signature)

I, the LEA's Designated Person, have read and understood the findings noted above: _____

Date: _____

Conditions: G = Good
D = Damaged
SD = Significant damage

FUSS & O'NEILL

Periodic Surveillance Report

Otis Memorial Elementary School

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Otis Memorial Elementary School
Address: 5500 Curtis Boulevard, Bourne, MA

Date(s) of Original Inspection: 1988
Date(s) of Subsequent Re-Inspections: 1994, 1998, 2001, 2004, 2007

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Boiler Insulation	Boiler Room	Damaged (1 SF in front 5 SF around breeching)	6 SF Damaged	N	6 SF	Repair damaged insulation 1 SF @ Front 5 SF @ Breeching
Boiler Breeching	Boiler Room	Good	1 SF Damaged	N	1 SF	Repair damaged insulation 1 SF Behind Boiler
Hot Water Tank Insulation	Boiler Room	Damage 1 SF on back remainder in good condition	1 SF Damaged	N	1 SF	Repair damaged insulation 1 SF behind Hot Water Tank
Mudded Insulation on Pipe Fittings	Boiler Room	Damaged fittings 2 SF (behind breeching and at tunnel entrance)	2 EA Damaged	N	2 EA	Repair damaged insulation 1 EA behind Breeching 1 EA @ Tunnel Ent.
Mudded Insulation on Pipe Fittings	Boiler Room (behind Boiler #1)	Damage 1 SF behind boiler	1 EA Damaged	N	1 EA	Repair damaged insulation 1 EA behind Boiler
Mudded Insulation on Pipe Fittings	Pipe Tunnel	1 Damaged fitting, remainder in good condition	N/A	N/A		Concealed
Mudded Insulation on Pipe Fittings	Nurse's Office underneath Sink	Good	Good	N		
Mudded Insulation on Pipe Fittings	Kitchen (Unit Ventilators)	Damage 1 Fitting, remainder in good condition	1 EA	N	1 EA	Repair damaged insulation 1 EA @ Desk
Mudded Insulation on Pipe Fittings	Supply room near classrooms 5 and 11	Good	Good	N		

Conditions: G = Good
D = Damaged
SD = Significant damage

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Otis Memorial Elementary School
Address: 5500 Curtis Boulevard, Bourne, MA

Date(s) of Original Inspection: 1988
Date(s) of Subsequent Re-Inspections: 1994, 1998, 2001, 2004, 2007

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
Mudded Insulation on Pipe Fittings	Supply room across from main office	Good	Good	N		
9x9 Floor Tile	At Double Doors in Hallway Outside Clinic	5 SF Damage near Nurse's Office	10 SF Damaged	Y	10 SF	Repair damaged floor tile
9x9 Floor Tile	Classroom 1	Good	Good	N		
9x9 Floor Tile	Classroom 2	Good	Good	N		
9x9 Floor Tile	Classroom 3	2 SF of cracked tiles	2 SF Damaged	N	2 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 4	2 SF of cracked tiles	2 SF Missing	N		Replace missing floor tile
9x9 Floor Tile	Classroom 5	Good	Good	N		
9x9 Floor Tile	Classroom 6	2 SF of cracked tiles	2 SF Damaged	N	2 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 7	5 SF of cracked tiles	5 SF Damaged	N	5 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 8	4 SF Damage	1 SF Damaged	Y	1 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 9	Good	Good	N		
9x9 Floor Tile	Classroom 10	Good	Good	N		
9x9 Floor Tile	Classroom 11	Good	Good	N		

Conditions: G = Good
D = Damaged
SD = Significant damage

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Otis Memorial Elementary School
Address: 5500 Curtis Boulevard, Bourne, MA

Date(s) of Original Inspection: 1988
Date(s) of Subsequent Re-Inspections: 1994, 1998, 2001, 2004, 2007

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
9x9 Floor Tile	Classroom 12	3 SF cracked tiles	3 SF Damaged	N	3 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 13	11 SF cracked tile	11 SF Damaged	N	11 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 14 (Former Library)	Good	12 SF Damaged	Y	12 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 15	10 SF Damaged tiles	10 SF Damaged	N	10 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 16	6 SF Damaged tiles	6 SF Damaged	N	6 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 17	16 SF Damaged tiles	20 SF Damaged	N	20 SF	Remove damaged floor tile
9x9 Floor Tile	Classroom 18	Good	Good	N		
9x9 Floor Tile	Classroom 19	3 SF cracked tiles	3 SF Damaged	N	3 SF	Remove damaged floor tile
9x9 Floor Tile	Principal's Office	Good	Good	N		
9x9 Floor Tile	Nurse's Office	Good	Good	N		
9x9 Floor Tile	Main Office (outside Principal's Office)	Good	Good	N		
9x9 Floor Tile	Hallway from Classroom 15 to Doors outside of restrooms	10 SF damaged tiles	10 SF Damaged	N	10 SF	Remove damaged floor tile

Conditions: G = Good
D = Damaged
SD = Significant damage

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Otis Memorial Elementary School
Address: 5500 Curtis Boulevard, Bourne, MA

Date(s) of Original Inspection: 1988
Date(s) of Subsequent Re-Inspections: 1994, 1998, 2001, 2004, 2007

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
9x9 Floor Tile	Hall outside of classrooms 10-11 from fire doors to exit	10 SF damaged tiles	10 SF Damaged	N	10 SF	Remove damaged floor tile
9x9 Floor Tile	Teacher's room and supply room	Good	Good	N		
9x9 Floor Tile	Foyer and Hallway outside of Teacher's room	Good	Good	N		
9x9 Floor Tile	Cafeteria/Gym	15 SF damaged tiles	Covered	Y		Covered
9x9 Floor Tile	Hallway at Gym Wing	Good	10 SF Damaged	Y	10 SF	Remove damaged floor tile
Vibration Isolator Cloth	Boiler #2 Breeching & Emergency Generator	Good	Non-ACM	Y		Determined as non-ACM from (August 2009) supplemental sampling. Remove from AHERA Management Plan.
Wall & Ceiling Plaster	Throughout School	Good	Non-ACM	Y		Determined as non-ACM from (August 2009) supplemental sampling. Remove from AHERA Management Plan.
Fire Doors Metal Encased	Boiler Room & Emergency Generator Room	Good	Good	N		Not included in August 2009 sampling of suspect ACBM; assume positive until sample results prove otherwise Recommend asbestos bulk sampling

Conditions: G = Good
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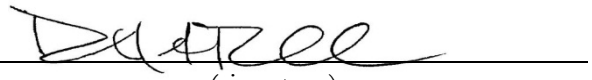
PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

School: Otis Memorial Elementary School
Address: 5500 Curtis Boulevard, Bourne, MA

Date(s) of Original Inspection: 1988
Date(s) of Subsequent Re-Inspections: 1994, 1998, 2001, 2004, 2007

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Surveillance conducted by: Dustin Diedricksen



(signature)

I, the LEA's Designated Person, have read and understood the findings noted above: _____

Date: _____

Conditions: G = Good
D = Damaged
SD = Significant damage

FUSS & O'NEILL

Periodic Surveillance Report

Administration Building

PERIODIC SURVEILLANCE FORM – List of ACBM Asbestos-Containing Materials

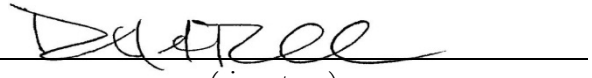
School: Administration Building
Address: 36 Sandwich Road, Bourne, MA

Date(s) of Original Inspection:
Date(s) of Subsequent Re-Inspections: 2011

Periodic Inspection Date: October 25, 2012 **Conducted By:** Dustin Diedricksen

Asbestos Containing Material	Location	Previous Condition	Present Condition	Change in Condition (Yes/No)	Quantity Damaged	Comments
None	N/A	N/A	Supplemental sampling conducted on 10/25/12 confirmed all surfacing materials as non-ACM	No	N/A	All sampled materials determined as non-ACM

Surveillance conducted by: Dustin Diedricksen



(signature)

I, the LEA's Designated Person, have read and understood the findings noted above: _____

Date: _____

Conditions: G = Good
D = Damaged
SD = Significant damage

Appendix A

Fuss & O'Neill EnviroScience Licenses and Certification Accreditations

Commonwealth of Massachusetts

Department of Labor Standards

Heather E. Rowe, Director

Asbestos Management Planner

ROBERT L MAY, JR.

Eff. Date 03/22/12
Exp. Date 03/27/13
AP041719
Member of C.O.N.E.S.
NB

13



NB-RENEWAL

Commonwealth of Massachusetts

Department of Labor Standards

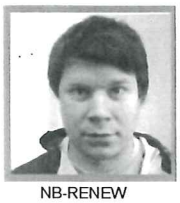
Heather E. Rowe, Director

Asbestos Inspector

DUSTIN A. DIEDRICKSEN

Eff. Date 04/26/12
Exp. Date 04/26/13
AI041867
Member of C.O.N.E.S.
nbr

13



NB-RENEW

Commonwealth of Massachusetts

Department of Labor Standards

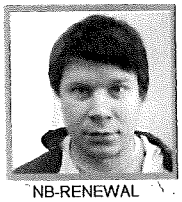
Heather E. Rowe, Director

Asbestos Designer

DUSTIN A. DIEDRICKSEN

Eff. Date 08/09/12
Exp. Date 08/09/13
AD000037
Member of C.O.N.E.S.
NBR

13



NB-RENEWAL

FUSS & O'NEILL

Appendix B

Schedule and Cost for Asbestos Abatement

Schedule and Cost for ACM Repair/Removal: Short-Term Asbestos Abatement Plan

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
Peebles Elementary School					
Ceiling Plaster (Skim Coat)	Storage Room across from Classroom 13	75 SF	Asbestos Abatement Contractor shall remove damaged asbestos-containing skim-coat ceiling plaster (on both sides of cracking) until skim-coat layer is intact. New skim-coat layer shall be applied, and ceiling shall be painted (with air sprayer) within full containment.	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$2,500 (Full Containment)
9x9 Floor Tile	Stairway (Gym to Cafeteria) & Landings/Hallways	2 SF @ Gym Lobby 250 SF @ Stairway (Gym to Cafeteria) & Landings/Hallways	Asbestos Abatement Contractor shall remove approx. 250 SF of floor tile within full containment	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$1,500
9x9 Floor Tile	Stairway at Annex Hallway	6 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x3) mini-enclosure containments	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$750 ($250/Mini-Enclosure Containment)

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
9x9 Floor Tile	Basement Main Hallway from Classroom 13 to Cafeteria	2 SF @ Stairway Doors 8 SF @ Cafeteria Threshold 6 SF @ Storage Threshold 8 SF @ Exit Doors o/s Classroom 13 3 SF @ Double Doors 4 SF @ Small Girls Bathroom o/s Classroom 10 9 SF @ Small Girls bathroom o/s Classroom 13	Asbestos Abatement Contractor shall remove damaged floor tile within (x7) mini-enclosure containments	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$1,750 ($250/Mini-Enclosure Containment)

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
9x9 Floor Tile	Main Hallway from Main Office to Sp. Ed. Office	4 SF @ Threshold o/s Copy Room 5 SF @ Radiator by Main Door 6 SF @ Main Door Threshold (Vestibule) 2 SF @ Vestibule	Asbestos Abatement Contractor shall remove damaged floor tile within (x4) mini-enclosure containments Alternate: Asbestos Abatement Contractor shall remove all floor tile within vestibule (190 SF) within full containment	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$1,000 ($250/Mini-Enclosure Containment) Alternate: Vestibule (190 SF) = $760
9x9 Floor Tile	Cafeteria	4 SF Missing	Replacement of missing floor tile to be completed by maintenance personnel; no disturbance to ACM is anticipated	Within 6 Months (Prior to April 2013 Periodic Surveillance)	N/A
Caulking at Plaster Soffit and Metal Duct	Cafeteria (Over Serving Line)	Not Applicable (Material is in good condition)	Recommend removal by Asbestos Abatement Contractor due to location near food preparation; removal of (25 LF) caulking shall occur within full containment	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$500
Bourne High School					
9 x 9 Floor Tile	Classroom 19A	3 SF Missing	Replacement of missing floor tile to be completed by maintenance personnel; no disturbance to ACM is anticipated	Replacement of Floor Tile within 6 Months (Prior to April 2013 Periodic Surveillance)	N/A

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
9 x 9 Floor Tile	Classroom 25A	6 SF Missing	Replacement of missing floor tile to be completed by maintenance personnel; no disturbance to ACM is anticipated	Within 6 Months (Prior to April 2013 Periodic Surveillance)	N/A
9 x 9 Floor Tile	Classroom 21B	2 SF Missing	Replacement of missing floor tile to be completed by maintenance personnel; no disturbance to ACM is anticipated	Within 6 Months (Prior to April 2013 Periodic Surveillance)	N/A
9 x 9 Floor Tile	Classroom 26B	6 SF Missing	Replacement of missing floor tile to be completed by maintenance personnel; no disturbance to ACM is anticipated	Within 6 Months (Prior to April 2013 Periodic Surveillance)	N/A
9 x 9 Floor Tile	Classroom 22C	2 SF Missing	Replacement of missing floor tile to be completed by maintenance personnel; no disturbance to ACM is anticipated	Within 6 Months (Prior to April 2013 Periodic Surveillance)	N/A
	Otis Memorial Elementary School				
Boiler Insulation	Boiler Room	1 SF @ Front 5 SF @ Breeching	Asbestos Abatement Contractor shall repair damaged insulation with wet wrap	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$150 (Repair with Wet Wrap)
Boiler Breeching Insulation	Boiler Room	1 SF behind Boiler	Asbestos Abatement Contractor shall repair damaged insulation with wet wrap	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$25 (Repair with Wet Wrap)
Hot Water Tank Insulation	Boiler Room	1 SF behind Hot Water Tank	Asbestos Abatement Contractor shall repair damaged insulation with wet wrap	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$25 (Repair with Wet Wrap)

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
Mudded Insulation on Pipe Fittings	Boiler Room	1 EA behind Breeching 1 EA @ Pipe Tunnel Entrance	Asbestos Abatement Contractor shall remove damaged mudded insulation on pipe fittings within glovebag containment	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$300
Mudded Insulation on Pipe Fittings	Boiler Room (behind Boiler #1)	1 EA behind Boiler	Asbestos Abatement Contractor shall remove damaged mudded insulation on pipe fittings within glovebag containment	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$150
Mudded Insulation on Pipe Fittings	Kitchen	1 EA @ Desk	Asbestos Abatement Contractor shall remove damaged mudded insulation on pipe fittings within glovebag containment	Within 6 Months (Prior to April 2013 Periodic Surveillance)	$150
9 x 9 Floor Tile	Classroom 4	2 SF Missing	Replacement of missing floor tile to be completed by maintenance personnel; no disturbance to ACM is anticipated	Within 6 Months (Prior to April 2013 Periodic Surveillance)	N/A
9 x 9 Floor Tile	Classroom 8	3 SF Missing	Replacement of missing floor tile to be completed by maintenance personnel; no disturbance to ACM is anticipated	Replacement of Floor Tile within 6 Months; Removal During Summer Recess	N/A

Schedule and Cost for ACM Repair/Removal: Long-Term Asbestos Abatement Plan

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
Peebles Elementary School					
9x9 Floor Tile	Classroom 5	14 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9x9 Floor Tile	Classroom 13	1 SF @ Coat Closet 3 SF @ Bathroom Threshold Between Classrooms 12 & 13	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9x9 Floor Tile	Classroom 14	1 SF	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9x9 Floor Tile	Classroom 15	2 SF @ Closet 2 SF @ Center	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9x9 Floor Tile	Classroom 16	4 SF @ Closet	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
9x9 Floor Tile	Classroom 17	5 SF @ Radiator 1 SF @ Closet	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9x9 Floor Tile	Classroom 18	8 SF @ Radiator 3 SF @ Door to Classroom 17	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9x9 Floor Tile	Classroom 19	9 SF	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9x9 Floor Tile	Classroom 22	2 SF	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9x9 Floor Tile	Classroom 24	2 SF @ Door 6 SF @ Radiator	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9x9 Floor Tile	Classroom 25	1 SF @ Closet 3 SF @ Door	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9x9 Floor Tile	Cafeteria	90 SF @ Expansion-Joint	Asbestos Abatement Contractor shall remove approx. 90 SF of floor tile within full containment	During Summer Recess	$1,000
9x9 Floor Tile	Annex Building Stairway (Former Library)	5 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
9x9 Floor Tile	Main Office	4 SF @ Reception Area (between Counters)	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9x9 Floor Tile	Nurse's Office & Secretary's Office	1 SF @ Radiator in Nurse's Office	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9x9 Floor Tile	Teachers' Room	8 SF @ Hallway	Recommend Removal of Entire Hallway Area (80 SF) by Asbestos Abatement Contractor	During Summer Recess	Recommend Removal of Entire Hallway Area (80 SF) = $1,000
9x9 Floor Tile	Annex Building Common Area (Former Library)	10 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 (25 SF Mini-Enclosure Containment)
Bourne High School					
Mudded Insulation on Pipe Fittings	Janitors' Closet across from Elevator	Not Applicable (Material is in good condition)	Recommend removal of 6 fittings due to potential for significant damage (i.e. kicking hazard); Asbestos Abatement Contractor shall remove fittings within glovebag containment	During Summer Recess	$300
Roof Drain Mudded Insulation on Fittings	B-Wing 2nd Floor Storage Room	Not Applicable (Material is in good condition)	Recommend application of wet wrap on existing overwrap to prevent potential damage	During Summer Recess	$25 (Repair with Wet Wrap)

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
9 x 9 Floor Tile	Classroom 17A	15 SF Under Desk 10 SF @ Outer Wall	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 19A	2 SF Damaged	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 20A	2 SF Damaged	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 24A	1 SF Damaged	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 14B	2 SF Damaged	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 22B	10 SF Lifting	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 23B	3 SF Damaged	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 11C	10 SF Damaged	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 13C	2 SF Damaged	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
9 x 9 Floor Tile	Classroom 14C	4 SF Damaged	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 20C	3 SF Damaged	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 24C	4 SF Damaged	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Janitor's Office	3 SF Damaged	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
Otis Memorial Elementary School					
9 x 9 Floor Tile	At Double Doors in Hallway Outside Clinic	10 SF	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 3	2 SF by Pass-Through Door	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 6	2 SF	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 7	5 SF	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 8	1 SF	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
9 x 9 Floor Tile	Classroom 12	3 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 13	11 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x3) mini-enclosure containments	During Summer Recess	$750 ($250/Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 14 (Former Library)	12 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 15	10 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x3) mini-enclosure containments	During Summer Recess	$750 ($250/Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 16	6 SF	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 17	20 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x3) mini-enclosure containments	During Summer Recess	$750 ($250/Mini-Enclosure Containment)
9 x 9 Floor Tile	Classroom 19	3 SF	Asbestos Abatement Contractor shall remove damaged floor tile within mini-enclosure containment	During Summer Recess	$250 (Mini-Enclosure Containment)

Asbestos Containing Material	Location	Quantity Damaged	Recommended Repair/Removal Method	Proposed Schedule for Repair	Estimated Cost
9 x 9 Floor Tile	Hallway from Classroom 15 to Doors at Restrooms	10 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9 x 9 Floor Tile	Hallway outside Classrooms 10-11 (Fire Doors to Exit)	10 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)
9 x 9 Floor Tile	Gymnasium Wing Hallway	10 SF	Asbestos Abatement Contractor shall remove damaged floor tile within (x2) mini-enclosure containments	During Summer Recess	$500 ($250/Mini-Enclosure Containment)

Appendix C

Supplemental Asbestos Sampling Report

FUSS & O'NEILL
EnviroScience, LLC

December 19, 2012

Mr. Edward Donoghue
Director of Business Services
Bourne Public Schools
36 Sandwich Road
Bourne, Massachusetts 02532

RE: **Supplemental Asbestos Sampling**
Bourne School System in Bourne, MA
Fuss & O'Neill EnviroScience, LLC No. 20121141.A1E

Dear Mr. Donoghue:

On August 15, 17, 21, 26, 27, September 7, and October 25, 2012, Fuss & O'Neill EnviroScience, LLC representatives, Dustin A. Diedricksen, Jonathan Hand, Nick Gravallese, and John Coletti, performed supplemental sampling for suspect Asbestos Containing Materials (ACM) at the Peebles Elementary School and the Bourne School Administration Building located in Bourne, Massachusetts. All asbestos samples were collected by licensed Asbestos Inspectors in the Commonwealth of Massachusetts. Refer to report attachment for a copy of each Asbestos Inspector license.

Asbestos Containing Materials were analyzed at a certified laboratory by Polarized Light Microscopy (PLM). Utilizing the USEPA protocol and criteria, the results for sampled materials in Peebles Elementary School and the Bourne Administration Building are listed below in Table 1 and Table 2 respectively.

TABLE 1
Analytical Results for Suspect ACBM at Peebles Elementary School

SAMPLE LOCATION	MATERIAL TYPE	SAMPLE NO.	ASBESTOS CONTENT
Samples Collected on August 15, 2012			
Basement Boys Bathroom	Plaster Rough Coat Associated with Window Surround	1 & 2	None Detected
Basement Boys Bathroom	Plaster Skim Coat Associated with Window Surround	3 & 4	None Detected

50 Redfield Street
Suite 100
Boston, MA
02122
t 617.282.4675
f 617.282.8253

www.fando.com

Connecticut
Massachusetts
Rhode Island
South Carolina

SAMPLE LOCATION	MATERIAL TYPE	SAMPLE NO.	ASBESTOS CONTENT
Samples Collected on August 17, 2012			
Cafeteria	Plaster Skim Coat Associated with Window Surround	817NG-01 A-C	None Detected
Cafeteria	Plaster Rough Coat Associated with Window Surround	817NG-02 A-C	None Detected
Cafeteria	Plaster Skim Coat Associated with Ceiling Drop Beams	817NG-03 A-C	None Detected
Cafeteria	Plaster Rough Coat Associated with Ceiling Drop Beams	817NG-04 A-C	None Detected
Samples Collected on August 21, 2012			
Kitchen at Overhead Duct Associated with Range Hood	Skim Plaster	821DD-01 A-C	None Detected
Kitchen at Overhead Duct Associated with Range Hood	Rough Plaster	821DD-02 A-C	None Detected
Kitchen at Overhead Duct Associated with Range Hood	Caulking at Ductwork to Plaster Joint	821DD-03A	**5% Chrysotile**
Kitchen	Plaster Skim Coat Associated with Window Surround	821DD-04 A-B	None Detected
Kitchen	Plaster Rough Coat Associated with Window Surround	821DD-05 A-B	None Detected
Basement and 1st Floor Bathrooms	Plaster Ceiling Smooth Skim Coat	821DD-06 A-E	None Detected
Basement and 1st Floor Bathrooms	Plaster Ceiling Rough Coat	821DD-07 A-E	None Detected
Annex Basement and 1st Floor Bathrooms	Plaster Ceiling Smooth Skim Coat	821DD-08 A-E	None Detected
Annex Basement and 1st Floor Bathrooms	Plaster Ceiling Rough Coat	821DD-09 A-E	None Detected

SAMPLE LOCATION	MATERIAL TYPE	SAMPLE NO.	ASBESTOS CONTENT
Samples Collected on August 26, 2012			
Copy Room, Teachers' Lounge, and Music Room	Plaster Ceiling Smooth Skim Coat	0826DD-01 A-E	None Detected
Copy Room, Teachers' Lounge, and Music Room	Plaster Ceiling Rough Coat	0826DD-02 A-E	None Detected
Samples Collected on August 27, 2012			
Classroom 2	White Window Glazing Compound	827-NG-1&2	2% Chrysotile
Classroom 6	White Window Glazing Compound	827-NG-3&4	None Detected
Classroom 8	Vinyl Covering on Radiators	827-NG-5&6	None Detected
Classroom 7 & 8	Grey with White Window Caulking*	827-NG-7&8	2% Chrysotile*
Classroom 5	Newer Smooth Window Glazing Compound	827-NG-9&10	None Detected
Classroom 6	Grey with White Caulking*	827-NG-11	2% Chrysotile*
Cafeteria	White Window Glazing Compound	827-NG-12	None Detected
Samples Collected on September 7, 2012			
Classroom	Light-Weight Parging Material Behind Lally Columns	97NG-01 A-C	None Detected
South Exterior	Weather-Proofing Cushion Felt underneath Unit Vents	97NG-02 A-C	None Detected
North Exterior	Grey Window Caulking	97NG-03 A-C	None Detected

*Exterior sampling at window units was directed by (on-site) MassDEP Inspector on August 27, 2012; this included collection of loose debris (i.e. caulking mixed with window-glazing compound) found on windowsill only. Confirmatory sampling of caulking collected at frame (e.g. vertical surface) occurred on September 7, 2012.

TABLE 2
Analytical Results for Suspect ACBM at the Bourne School Administration Building

SAMPLE LOCATION	MATERIAL TYPE	SAMPLE NO.	ASBESTOS CONTENT
Business Administrative Office (Basement) and Basement Men's Room	Textured Ceiling Skim	1025DD-01 A-C	None Detected
Business Administrative Office (Basement) and Basement Men's Room	Plaster Ceiling Rough Coat/ Backer Board	1025DD-02 A-C	None Detected
Stairway to Basement, Main Lobby, Stairway to 2nd Floor, Reception Area, and 2nd Floor Break Room	Textured Ceiling Skim	1025DD-03 A-E	None Detected
Stairway to Basement, Main Lobby, Stairway to 2nd Floor, Reception Area, and 2nd Floor Break Room	Plaster Ceiling Rough Coat/ Backer Board	1025DD-04 A-E	None Detected
Stairway to Basement, Lobby, and 2nd Floor Break Room	Drywall	1025DD-05 A-C	None Detected
Stairway to Basement, Lobby, and 2nd Floor Break Room	Joint Compound	1025DD-06 A-C	None Detected

Refer to laboratory analytical results included as an attachment to this letter report.

The USEPA, Occupational Safety and Health Administration (OSHA), and the Commonwealth of Massachusetts Department of Labor Standards (DLS) defines any material that contains greater than one percent (>1%) asbestos, utilizing PLM, as being an ACM. The Commonwealth of Massachusetts Department of Environmental Protection (DEP) defines any material that contain equal to or greater than one percent (1%) asbestos as being an ACM. Materials that are identified as "none detected" are specified as not containing asbestos. The material identified as ACM that will be impacted by the proposed demolition project must be removed by a licensed asbestos abatement contractor in accordance with USEPA and Massachusetts regulations.

If you have any questions regarding the contents of this letter, please do not hesitate to contact Bob May at (617) 282-4675, extension 4701. Thank you for this opportunity to have served your environmental needs.

This Report was prepared by Environmental Technician, Jonathan Hand.

Sincerely,

Dustin A. Diedricksen
Project Manager/Scientist

Robert L. May, Jr.
Vice President

RLM/ftc

Commonwealth of Massachusetts

Department of Labor Standards

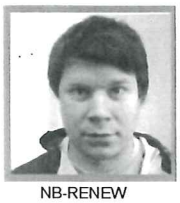
Heather E. Rowe, Director

Asbestos Inspector

DUSTIN A. DIEDRICKSEN

Eff. Date 04/26/12
Exp. Date 04/26/13
AI041867
Member of C.O.N.E.S.
nbr

13



NB-RENEW

Commonwealth of Massachusetts

Department of Labor Standards

Heather E. Rowe, Director

Asbestos Inspector

JONATHAN L. HAND

Eff. Date 02/23/12
Exp. Date 03/07/13
AI041945
Member of C.O.N.E.S.
NB

13



NB-RENEWAL

Commonwealth of Massachusetts

Department of Labor Standards

Heather E. Rowe, Director

Asbestos Inspector

NICHOLAS GRAVALLESE

Eff. Date 06/18/12

Exp. Date 06/18/13

AI900456

Member of C.O.N.E.S.

BSN

13



BOSTON-NEW

Commonwealth of Massachusetts

Department of Labor Standards

Heather E. Rowe, Director

Asbestos Inspector

JOHN A. COLETTI

Eff. Date 11/10/11

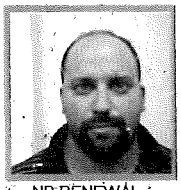
Exp. Date 11/15/12

AI072277

Member of C.O.N.E.S.

NB

12



NB-RENEWAL

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131204023
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	08/15/12 4:30 PM
Analysis Date:	8/16/2012
Collected:	8/15/2012

Project: **Peebles Elementary School; Bourne, MA**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
1 *131204023-0001*	Boy's Bath Basement - Rough Plaster Window Surround	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
2 *131204023-0002*	Boy's Bath Basement - Rough Plaster Window Surround	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
3 *131204023-0003*	Boy's Bath Basement - Skim Coat Window Surround	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
4 *131204023-0004*	Boy's Bath Basement - Skim Coat Window Surround	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Renaldo Drakes (4)

Renaldo Drakes, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 08/16/2012 17:56:13

THIS IS THE LAST PAGE OF THE REPORT.

131204023

Asbestos Chain of Custody

EMSL Order Number (*Lab Use Only*): 131204023

13 95

EMSL ANALYTICAL, INC.
7 CONSTITUTION WAY
SUITE 107
WOBURN, MA 01801
PHONE: (781)-933-8411
FAX: (781)-933-8412

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Company: Fuss & O'neill (Enviroscience)	**EMSL-Bill to:** ☐ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 50 Redfield St	
City: Dorchester MA **State/Province:** MA	**Zip/Postal Code:** **Country:**
Report To (Name): Bob May / D. Diedricksen	**Telephone #:**
Email Address:	**Fax #:** **Purchase Order:**
Project Name/Number: Peebles Elementary School	**Please Provide Results:** ☐ Fax ☐ Email
U.S. State Samples Taken: Bourne, MASS	**Connecticut Samples:** ☐ Commercial ☐ Residential

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**For TEM Air 3 hr through 6 hr, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.*

PCM - Air ☐ Check if samples are from NY
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☒ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ **4-4.5hr TAT (AHERA only)**
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
- ☐ PLM CARB 435 - A (0.25% sensitivity)
- ☐ PLM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ TEM Qual. via Filtration Technique
- ☐ TEM Qual. via Drop-Mount Technique

Other:
- ☐

DAR 8/15/12

☒ **Check For Positive Stop – Clearly Identify Homogenous Group** **Filter Pore Size (Air Samples):** ☐ 0.8µm ☐ 0.45µm

Samplers Name: **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	Boy's Bath Basement rough plaster ~~ceiling~~ Window Surround		8-15
2	Boy's Bath Basement rough plaster ~~ceiling~~ Window Surround		8-15
3	Boy's Bath Basement Skim coat window Surround		8-15
4	Boy's Bath Basement Skim Coat Window Surround		8-15

Client Sample # (s): - **Total # of Samples:** 4

Relinquished (Client): Nicholas Gravallese **Date:** 8-15-12 **Time:** 4:34 pm

Received (Lab): **Date:** **Time:** walkin

Comments/Special Instructions:

Please E-mail Dustin.Diedricksen@ D.Diedricksen@Fando.net Thx.

RECEIVED AUG 15 2012 By 1630

Controlled Document – Asbestos COC – R5 – 1/11/2012

TEM UPON REQUEST!!

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131204082
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Dustin Diedricksen**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	08/20/12 10:50 AM
Analysis Date:	8/20/2012
Collected:	8/17/2012

Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
817NG-01A *131204082-0001*	Cafeteria Window Bank (#6 L-R) - Window Surround Skim Plaster (Underside)	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
817NG-01B *131204082-0002*	Cafeteria Window Bank (#10) - Window Surround Skim Plaster (Underside)	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
817NG-01C *131204082-0003*	Cafeteria Window Bank (#7) - Window Surround Skim Plaster (Frontside)	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
817NG-02A *131204082-0004*	Cafeteria Window Bank (#6 L-R) - Window Surround Skim Plaster (Under)	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
817NG-02B *131204082-0005*	Cafeteria Window Bank (#10) - Window Surround Skim Plaster (Under)	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Renaldo Drakes (8)
Steve Grise (4)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 08/20/2012 17:09:39

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order: 131204082
CustomerID: ENVI54
CustomerPO:
ProjectID:

Attn: **Dustin Diedricksen**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone: (860) 646-2469
Fax: (888) 838-1160
Received: 08/20/12 10:50 AM
Analysis Date: 8/20/2012
Collected: 8/17/2012

Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
817NG-02C *131204082-0006*	Cafeteria Window Bank (#7) - Window Surround Skim Plaster (Front)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
817NG-03A *131204082-0007*	Cafeteria Dropbeam at Ceiling (Near Door) - Skim Plaster	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
817NG-03B *131204082-0008*	Cafeteria Dropbeam at Ceiling (Middle Beam) - Skim Plaster	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
817NG-03C *131204082-0009*	Cafeteria Dropbeam at Ceiling (Corner Near Kitch.) - Skim Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
817NG-04A *131204082-0010*	Cafeteria Dropbeams (Door) - Rough Plaster	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
817NG-04B *131204082-0011*	Cafeteria Dropbeams (Middle) - Rough Plaster	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Renaldo Drakes (8)
Steve Grise (4)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 08/20/2012 17:09:39

EMSL Analytical, Inc.
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EMSL Order:	131204082
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Dustin Diedricksen**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	08/20/12 10:50 AM
Analysis Date:	8/20/2012
Collected:	8/17/2012

Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
817NG-04C *131204082-0012*	Cafeteria Dropbeams (Kitchen) - Rough Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Renaldo Drakes (8)
Steve Grise (4)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Initial report from 08/20/2012 17:09:39

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EnviroScience, LLC

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SAMPLE LOG FOR ASBESTOS BULKS

Sheet 1 of 1

Project Name: PEEBLES ELEMENTARY SCHOOL Project No. 20121141. A1E

Building: PEEBLES ELEMENTARY SCHOOL Project Manager: DUSTIN DIEDRICKSEN

Sample ID	Sample Location	Material	Result (%)
817NG-01A	CAFETERIA WINDOW BANK (#6 L-R)	WINDOW SURROUND SKIM PLASTER	(UNDERSIDE)
-01B	(#10)	↓	(UNDERSIDE)
-01C	↓ (#7)	↓	(FRONTSIDE)
817NG-02A	CAFETERIA WINDOW BANK (#6 L-R)	WINDOW SURROUND ROUGH PLASTER	(UNDER)
-02B	(#10)	↓	(UNDER)
-02C	(#7)	↓	(FRONT)
817NG-03A	CAFETERIA DROPBEAMS (NEAR DOOR) @ CEILING	SKIM PLASTER	
-03B	↓ (MIDDLE BEAM)	↓	
-03C	(CORNER NEAR KITCHEN)	↓	
817NG-04A	CAFETERIA DROP BEAMS (DOOR)	ROUGH PLASTER	
-04B	↓ (MIDDLE)	↓	
-04C	↓ (KITCHEN)	↓	

Analysis Method: ☒ PLM ☐ Other (SA 8/20/12)

Turnaround Time 6 HOUR

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: 8/20. Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 888-838-1160.

Special Instruction: STOP AT 1ST POSITIVE. HOLD SAMPLES.

Samples collected by: NG + D.D. Date: 8/17/12 Time: PM

Samples [Rec'd][Sent by] [ ][D.D.] Date: [ ][8/20/12] Time: AM

Samples Received by: Date: Time:

Shipped To: ☒ EMSL State MA ☐ Other

Method of Shipment: ☐ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☒ Other DROP OFF

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AUG 20 2012
By SA 1050

W-in

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bostonlab@emsl.com

EMSL Order:	131204139
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Dustin Diedricksen**
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146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	08/22/12 9:30 AM
Analysis Date:	8/22/2012
Collected:	8/21/2012

Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
821DD-01A *131204139-0001*	Kitchen @ OverheadDuct a/w Range Hood Drop Ceiling - Skim Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-01B *131204139-0002*	Kitchen @ OverheadDuct a/w Range Hood Drop Ceiling - Skim Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-01C *131204139-0003*	Kitchen @ OverheadDuct a/w Range Hood Drop Ceiling - Skim Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-02A *131204139-0004*	Kitchen @ OverheadDuct a/w Range Hood Drop Ceiling - Rough Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-02B *131204139-0005*	Kitchen @ OverheadDuct a/w Range Hood Drop Ceiling - Rough Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)
Steve Grise (31)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 08/22/2012 14:33:05

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Received:	08/22/12 9:30 AM
Analysis Date:	8/22/2012
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Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
821DD-02C *131204139-0006*	Kitchen @ OverheadDuct a/w Range Hood Drop Ceiling - Rough Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-03A *131204139-0007*	Kitchen @ OverheadDuct a/w Range Hood Drop Ceiling - Caulking @ Ductwork and Plaster Ceiling	Tan Non-Fibrous Homogeneous		95% Non-fibrous (other)	**5% Chrysotile**
821DD-03B *131204139-0008*	Kitchen @ OverheadDuct a/w Range Hood Drop Ceiling - Caulking @ Ductwork and Plaster Ceiling				**Stop Positive (Not Analyzed)**
821DD-04A *131204139-0009*	Kitchen Window Surround - Skim Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-04B *131204139-0010*	Kitchen Window Surround - Skim Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-05A *131204139-0011*	Kitchen Window Surround - Rough Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)
Steve Grise (31)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	08/22/12 9:30 AM
Analysis Date:	8/22/2012
Collected:	8/21/2012

Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
821DD-05B *131204139-0012*	Kitchen Window Surround - Rough Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-06A *131204139-0013*	Basement Boys Bathroom - Smooth Skim Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-06B *131204139-0014*	Basement Boys Bathroom - Smooth Skim Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-06C *131204139-0015*	Basement Girls Bathroom - Smooth Skim Plaster Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-06D *131204139-0016*	1st Fl Boys Bathroom - Smooth Skim Plaster Drop Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-06E *131204139-0017*	1st Fl Girls Bathroom - Smooth Skim Plaster Drop Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-07A *131204139-0018*	Basement Boys Bathroom - Rough Ceiling Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Steve Grise (31)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Attn: **Dustin Diedricksen**
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146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	08/22/12 9:30 AM
Analysis Date:	8/22/2012
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Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
821DD-07B *131204139-0019*	Basement Boys Bathroom - Rough Ceiling Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-07C *131204139-0020*	Basement Girls Bathroom - Rough Ceiling Plaster	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	**None Detected**
821DD-07D *131204139-0021*	1st Fl Boys Bathroom - Rough Drop Ceiling Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-07E *131204139-0022*	1st Fl Girls Bathroom - Rough Drop Ceiling Plaster	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	**None Detected**
821DD-08A *131204139-0023*	Annex Boys Bathroom 1st Fl - Smooth Ceiling Skim Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-08B *131204139-0024*	Annex Girls Bathroom 1st Fl - Smooth Ceiling Skim Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-08C *131204139-0025*	Annex Girls Bathroom 1st Fl - Smooth Ceiling Skim Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)
Steve Grise (31)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
821DD-08D *131204139-0026*	Annex Boys Ground/Basement Bathroom - Smooth Ceiling Skim Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-08E *131204139-0027*	Annex Girls Ground/Basement Bathroom - Smooth Ceiling Skim Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-09A *131204139-0028*	Annex Boys Bathroom 1st Fl - Smooth Ceiling Rough Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-09B *131204139-0029*	Annex Girls Bathroom 1st Fl - Smooth Ceiling Rough Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-09C *131204139-0030*	Annex Girls Bathroom 1st Fl - Smooth Ceiling Rough Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
821DD-09D *131204139-0031*	Annex Boys Ground/Basement Bathroom - Smooth Ceiling Rough Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)
Steve Grise (31)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
821DD-09E *131204139-0032*	Annex Girls Ground/Basement Bathroom - Smooth Ceiling Rough Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Steve Grise (31)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Initial report from 08/22/2012 14:33:05

131204139

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EnviroScience, LLC

131204139

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(617) 282-4675 Fax (617) 282-8253

SAMPLE LOG FOR ASBESTOS BULKS

Sheet 1 of 3

Project Name: ~~BOURNE~~ PEEBLES ELEMENTARY SCHOOL Project No. 2012-114.41E

Building: PEEBLES ELEMENTARY SCHOOL Project Manager: DUSTIN DIEDRICKSEN

	Sample ID	Sample Location	Material	Result (%)
1	821DD-01A	KITCHEN @ OVERHEAD DUCT ASSOCIATED WITH RANGE HOOD (DROP CEILING)	SKIM PLASTER	APPROX 50SF
2	-01B	↓	↓	↓
3	-01C	↓	↓	↓
4	821DD-02A	↓	ROUGH PLASTER	↓
5	-02B	↓	↓	↓
6	-02C	↓	↓	↓
7	821DD-03A	↓	CAULKING AT DUCTWORK AND PLASTER CEILING	25LF
8	-03B	↓	↓	↓
9	821DD-04A	~~CAFE~~ KITCHEN WINDOW SURROUND	SKIM PLASTER	↓
10	-04B	↓	↓	↓
11	821DD-05A	↓	ROUGH PLASTER	↓
12	-05B	↓	↓	↓

Analysis Method: [X] PLM [ ] Other

Turnaround Time 6 HOUR

(5) 8/22/12

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____. Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 888-838-1160.

Special Instruction: STOP AT 1ST POSITIVE IN EACH HOMOGENEOUS SET. HOLD SAMPLES

Samples collected by: D.D Date: 8/21/12 Time: PM.

Samples [Rec'd] [Sent by] [ ] [NG] Date: [ ] [8/21/12] Time: PM

Samples Received by: _____ Date: _____ Time: _____

Shipped To: [X] EMSL State MA [ ] Other _____

Method of Shipment: [X] Fed Ex [ ] UPS Overnight [ ] UPS Ground [ ] Other

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SAMPLE LOG FOR ASBESTOS BULKS

Sheet 2 of 3

Project Name: PEEBLES ELEMENTARY SCHOOL Project No. 20121141. A1E

Building: PEEBLES ELEMENTARY SCHOOL Project Manager: JUSTIN DIEDRICKSEN

	Sample ID	Sample Location	Material	Result (%)
13	821DD-06A	BASEMENT BOYS BATHROOM	SMOOTH SKIM PLASTER CEILING	
14	-06B	BASEMENT BOYS BATHROOM		
15	-06C	~~GIRLS~~ BASEMENT GIRLS BATHROOM		
16	-06D	1ST FLOOR BOYS BATHROOM	(DROP CEILING)	
17	-06E	1ST FLOOR GIRLS BATHROOM		
18	821DD-07A	BASEMENT BOYS BATHROOM	ROUGH CEILING PLASTER	
19	-07B	〃	〃	
20	-07C	BASEMENT GIRLS BATHROOM	〃	
21	-07D	1ST FLOOR BOYS BATHROOM	(DROP CEILING)	
22	-07E	1ST FLOOR GIRLS BATHROOM	〃	
23	821DD-08A	ANNEX BOYS BATHROOM 1ST FLOOR	SMOOTH CEILING SKIM PLASTER	
24	-08B	ANNEX GIRLS BATHROOM 1ST FLOOR	〃	

Analysis Method: ☒ PLM ☐ Other

Turnaround Time 6 HOUR

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____. Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 888-838-1160.

Special Instruction: SEE 1ST PAGE

Samples collected by: A.A. Date: 8/21/12 Time: PM

Samples [Rec'd] [Sent by] [ ] [NG] Date: [ ] [8/21/12] Time: PM

Samples Received by: _____ Date: _____ Time: _____

Shipped To: ☒ EMSL State MA ☐ Other _____

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other

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131204139

SAMPLE LOG FOR ASBESTOS BULKS

Sheet 3 of 3

Project Name: PEEBLES ELEMENTARY SCHOOL Project No. 20121141.A1E

Building: PEEBLES ELEMENTARY SCHOOL Project Manager: AUSTIN DIEDRICKSEN

	Sample ID	Sample Location	Material	Result (%)
25	-08C	↓ GROUND/		
26	-08D	ANNEX BOYS BASEMENT BATHROOM		
27	-08E	ANNEX GIRLS GROUND/BASEMENT ↓ BATHROOM		
28	82IDD-09A	ANNEX BOYS BATH 1ST FL.	SMOOTH CEILING ROUGH PLASTER	
29	-09B	GIRLS BATH 1ST FL.		
30	-09C	GIRLS BATH 1ST FL.		
31	-09D	BOYS BATH BGROUND/BASEMENT		
32	-09E	↓ GIRLS BATH GROUND/BASEMENT ↓		

Analysis Method: ☒ PLM ☐ Other

Turnaround Time 6 Hour

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____. Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 888-838-1160.

Special Instruction: STOP AT 1ST POSITIVE

Samples collected by: A.D. Date: 8/21/12 Time: PM

Samples [Rec'd][Sent by] [ ][NG] Date: [ ][8/21/12] Time: PM

Samples Received by: _____ Date: _____ Time: _____

Shipped To: ☒ EMSL State MA ☐ Other _____

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other

RECEIVED
AUG 22 2012
By SA 0930

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131204211
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Dustin Diedricksen**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	08/23/12 5:05 PM
Analysis Date:	8/24/2012
Collected:	8/22/2012

Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
0826DD-01A *131204211-0001*	Copy Room - Skim Ceiling Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
0826DD-01B *131204211-0002*	Copy Room - Skim Ceiling Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
0826DD-01C *131204211-0003*	Music Room - Skim Ceiling Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
0826DD-01D *131204211-0004*	Teacher's Lounge - Skim Ceiling Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
0826DD-01E *131204211-0005*	Teacher's Lounge - Skim Ceiling Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
0826DD-02A *131204211-0006*	Copy Room - Rough Ceiling Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
0826DD-02B *131204211-0007*	Copy Room - Rough Ceiling Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
0826DD-02C *131204211-0008*	Music Room - Rough Ceiling Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Kevin Pine (4)
Steve Grise (6)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 08/24/2012 16:24:04

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131204211
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Dustin Diedricksen**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	08/23/12 5:05 PM
Analysis Date:	8/24/2012
Collected:	8/22/2012

Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
0826DD-02D *131204211-0009*	Teacher's Lounge - Rough Ceiling Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
0826DD-02E *131204211-0010*	Teacher's Lounge - Rough Ceiling Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)
Kevin Pine (4)
Steve Grise (6)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 08/24/2012 16:24:04

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SAMPLE LOG FOR ASBESTOS BULKS

Sheet 1 of 1

Project Name: PEEBLES ELEMENTARY SCHOOL Project No. 20121141.AIE

Building: PEEBLES ELEMENTARY SCHOOL Project Manager: DUSTIN DIEDRICKSEN

	Sample ID	Sample Location	Material	Result (%)
1	0826DD-01A	COPY ROOM	SKIM CEILING PLASTER	
2	-01B	COPY ROOM	↓	
3	-01C	MUSIC ROOM	↓	
4	-01D	TEACHERS' LOUNGE	↓	
5	-01E	TEACHERS' LOUNGE	↓	
6	0826DD-02A	COPY ROOM	RASH CEILING PLASTER	
7	-02B	COPY ROOM	↓	
8	-02C	MUSIC ROOM	↓	
9	-02D	TEACHERS' LOUNGE	↓	
10	-02E	TEACHERS' LOUNGE	↓	

Analysis Method: ☒ PLM ☐ Other

Turnaround Time 24 HOUR

SO 8/24/12

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____ Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 888-838-1160.

Special Instruction: STOP AT 1ST POSITIVE. NO POINT COUNTING

Samples collected by: D.D. Date: 8/22/12 Time: PM

Samples [Rec'd] [Sent by] [ ] [JH] Date: [ ] [8/23/12] Time: PM

Samples Received by: _____ Date: _____ Time: _____

Shipped To: ☒ EMSL State MA ☐ Other _____

Method of Shipment: ☐ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☒ Other DROP OFF

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Q:\EnviroScience\Admin\FORMS\Mass Forms\Asbestos Bulks Chain of Custody Boston rev 0611.doc

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7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131204268
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	08/27/12 4:09 PM
Analysis Date:	8/27/2012
Collected:	8/27/2012

Project: **Peebles Elem. School; Bourne, MA**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**	**% Type**
827-NG-1 *131204268-0001*	Classroom 2 - Window Glazing White Thin Coat	White Non-Fibrous Heterogeneous			98% Non-fibrous (other)	**2% Chrysotile**
827-NG-2 *131204268-0002*	Classroom 2 - Window Glazing White Thin Coat	White Non-Fibrous Heterogeneous			98% Non-fibrous (other)	**2% Chrysotile**
827-NG-3 *131204268-0003*	Classroom 6 - Window Glazing White/Thin	White Non-Fibrous Heterogeneous			100% Non-fibrous (other)	**None Detected**
827-NG-4 *131204268-0004*	Classroom 6 - Window Glazing White/Thin	White Non-Fibrous Heterogeneous			100% Non-fibrous (other)	**None Detected**
827-NG-5 *131204268-0005*	Classroom 8 - Vinyl Covering on Radiators Tan/Purple	Tan Non-Fibrous Heterogeneous	3% Cellulose		97% Non-fibrous (other)	**None Detected**
827-NG-6 *131204268-0006*	Classroom 8 - Vinyl Covering on Radiators Tan/Purple	Brown Fibrous Heterogeneous	10% Cellulose		90% Non-fibrous (other)	**None Detected**
827-NG-7 *131204268-0007*	Classroom 8 - Caulking Window Gray	Gray Fibrous Heterogeneous	15% Cellulose		83% Non-fibrous (other)	**2% Chrysotile**
827-NG-8 *131204268-0008*	Classroom 7 - Caulking Window Gray	Gray Non-Fibrous Heterogeneous	15% Cellulose		83% Non-fibrous (other)	**2% Chrysotile**

Analyst(s)

Renaldo Drakes (12)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 08/27/2012 18:22:21

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131204268
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Bob May**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	08/27/12 4:09 PM
Analysis Date:	8/27/2012
Collected:	8/27/2012

Project: **Peebles Elem. School; Bourne, MA**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
827-NG-9 *131204268-0009*	Classroom 5 - Newer Smooth Glazing Win	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
827-NG-10 *131204268-0010*	Classroom 5 - Newer Smooth Glazing Win	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
827-NG-11 *131204268-0011*	Classroom 6 Ext. - Caulking Win. Gray, White	White Non-Fibrous Heterogeneous		98% Non-fibrous (other)	**2% Chrysotile**
827-NG-12 *131204268-0012*	Café Ext. - White Window Glazing	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Renaldo Drakes (12)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 08/27/2012 18:22:21

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SAMPLE LOG FOR ASBESTOS BULKS

Bourne MA

Sheet 1 of 1

Project Name: Peebles Elem School Project No. 20114.A1C DUSTIN A

Building: Peebles Elem School Project Manager: RIEDRICKSEN

Sample ID	Sample Location	Material	Result (%)
SLG NG-1	CLASSROOM (104)	WINDOW WHITE CAULKING	
2	CLASSROOM (110)	↓	
3	CLASSROOM	WINDOW CAULKING WHITE/THICK	
4	↓	↓	
5	CLASSROOM	VINYL COVERING ON RADIATORS	
6	↓	↓ TAN/BEIGE	
7	CLASS.	CAULKING	
8	CLASS	WINDOW GRAY	
9	CLASS	NEWER STRAIGHT CAULKING WIN	
10	↓	↓	
11	CLASS EXT	CAULKING WIN. WRAP WHITE	
12	CAFE EXT	WHITE WINDOW CAULKING	

Analysis Method: ☒ PLM ☐ Other DAR 8/27/12

Turnaround Time 3 hrs

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: 8/(4). Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 888-838-1160.

Special Instruction: NO POINT COUNT
ANALYZE ALL SAMPLES
CALL 617-778-3270

Samples collected by: NG Date: 8/24/12 Time: PM

Samples [Rec'd] [Sent by] [COURIER] Date: [/ /] Time: PM PI

Samples Received by: _____ Date: _____ Time: _____

Shipped To: ☒ EMSL State MAIL ☐ Other _____

Method of Shipment: ☐ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☒ Other DRIVE

RECEIVED
AUG 27 2012
By DAR 1609

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131204500
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Dustin Diedricksen**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	09/12/12 9:15 AM
Analysis Date:	9/12/2012
Collected:	9/7/2012

Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
97NG-01A *131204500-0001*	Classroom - Lightweight Parging Matl behind Lally Column	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
97NG-01B *131204500-0002*	Classroom - Lightweight Parging Matl behind Lally Column	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
97NG-01C *131204500-0003*	Classroom - Lightweight Parging Matl behind Lally Column	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
97NG-02A *131204500-0004*	South Exterior - Weatherproofing Cushion Felt under Unit Vents	Black Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	**None Detected**
97NG-02B *131204500-0005*	South Exterior - Weatherproofing Cushion Felt under Unit Vents	Black Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	**None Detected**
97NG-02C *131204500-0006*	South Exterior - Weatherproofing Cushion Felt under Unit Vents	Black Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	**None Detected**

Analyst(s)

Kevin Pine (4)
Steve Grise (8)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 09/12/2012 15:31:44

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131204500
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Dustin Diedricksen**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	09/12/12 9:15 AM
Analysis Date:	9/12/2012
Collected:	9/7/2012

Project: **20121141.A1E / Peebles Elementary School**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**	**% Type**
97NG-03A *131204500-0007*	South Exterior - Brown/Tan Window & Expansion Joint Caulking	Brown Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
97NG-03B *131204500-0008*	South Exterior - Brown/Tan Window & Expansion Joint Caulking	Brown Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
97NG-03C *131204500-0009*	South Exterior - Brown/Tan Window & Expansion Joint Caulking	Brown Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
97NG-04A *131204500-0010*	North Front Exterior - White/Gray Window Caulking	Gray Non-Fibrous Homogeneous	5%	Cellulose	95% Non-fibrous (other)	**None Detected**
97NG-04B *131204500-0011*	North Front Exterior - White/Gray Window Caulking	Gray Non-Fibrous Homogeneous	5%	Cellulose	95% Non-fibrous (other)	**None Detected**
97NG-04C *131204500-0012*	North Front Exterior - White/Gray Window Caulking	Gray Non-Fibrous Homogeneous	5%	Cellulose	95% Non-fibrous (other)	**None Detected**

Analyst(s)

Kevin Pine (4)
Steve Grise (8)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 09/12/2012 15:31:44

131204500

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131204500

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(617) 282-4675 Fax (617) 282-8253

SAMPLE LOG FOR ASBESTOS BULKS

Sheet 1 of 1

Project Name: Peebles Elementary School Project No. 20121141.A1E

Building: Peebles Elementary School Project Manager: Austin Diedrichsen

	Sample ID	Sample Location	Material	Result (%)
1	97NG-01A	Classroom	Lightweight Parging Material Behind Lally Column	
2	-01B	↓	↓	
3	-01C	↓	↓	
4	97NG-02A	South Exterior	Weatherproofing Cushion Felt Underneath Unit Vents	
5	-02B	↓	↓	
6	-02C	↓	↓	
7	97NG-03A	South Exterior	Brown/Tan Window + Expansion Joint Caulking	
8	-03B	↓	↓	
9	-03C	↓	↓	
10	97NG-04A	North (Front) Exterior	White/Grey Window Caulking	
11	-04B	↓	↓	
12	-04C	↓	↓	

Analysis Method: [X] PLM [ ] Other SA 9/12/12 Turnaround Time 24 Hour

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____. Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 888-838-1160.

Special Instruction: Stop At 1st Positive Count In Each Homogeneous Set. No Point Counting. Hold Samples For TEM Analysis Upon Request.

Samples collected by: Nick Gravallese Date: 9/7/12 Time: PM

Samples [Rec'd] [Sent by] [ ] [AD] Date: [ ] [9/11/12] Time: PM

Samples Received by: _____ Date: _____ Time: _____

Shipped To: [X] EMSL State MA [ ] Other _____

Method of Shipment: [X] Fed Ex [ ] UPS Overnight [ ] UPS Ground [ ] Other

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SEP 12 2012
By SA 0915

FedEx# 7937 0408 2284

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131205816
CustomerID:	ENVI54
CustomerPO:	
ProjectID:	

Attn: **Dustin Diedricksen**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	12/03/12 4:40 PM
Analysis Date:	12/5/2012
Collected:	10/25/2012

Project: **20121141.A2E / Bourne Public Schools; Administration Building**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
1025DD-01A *131205816-0001*	Business Admin Office; Basement - Textured Ceiling Skim	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-01B *131205816-0002*	Business Admin Office; Basement - Textured Ceiling Skim	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-01C *131205816-0003*	Basement; Men's Bathroom - Textured Ceiling Skim	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-02A *131205816-0004*	Business Admin Office - Rough Ceiling Plaster/Backerboard	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-02B *131205816-0005*	Business Admin Office - Rough Ceiling Plaster/Backerboard	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-02C *131205816-0006*	Basement; Men's Bathroom - Rough Ceiling Plaster/Backerboard	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Kevin Pine (14)
Steve Grise (8)

Renaldo Drakes, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 12/05/2012 13:07:47

EMSL Analytical, Inc.
7 Constitution Way, Suite 107, Woburn, MA 01801
Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order:	131205816
CustomerID:	ENVI54
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ProjectID:	

Attn: **Dustin Diedricksen**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	12/03/12 4:40 PM
Analysis Date:	12/5/2012
Collected:	10/25/2012

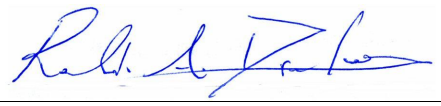
Project: **20121141.A2E / Bourne Public Schools; Administration Building**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
1025DD-03A *131205816-0007*	Stairway to Basement - Textured Ceiling Skim	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-03B *131205816-0008*	Main Lobby - Textured Ceiling Skim	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-03C *131205816-0009*	Stairway to 2nd Floor - Textured Ceiling Skim	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-03D *131205816-0010*	Reception Area - Textured Ceiling Skim	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-03E *131205816-0011*	2nd Floor Break Room - Textured Ceiling Skim	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-04A *131205816-0012*	Stairway to Basement - Rough Coat/Backerboard	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-04B *131205816-0013*	Main Lobby - Rough Coat/Backerboard	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1025DD-04C *131205816-0014*	Stairway to 2nd Floor - Rough Coat/Backerboard	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Kevin Pine (14)
Steve Grise (8)



Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 12/05/2012 13:07:47

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Attn: **Dustin Diedricksen**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone:	(860) 646-2469
Fax:	(888) 838-1160
Received:	12/03/12 4:40 PM
Analysis Date:	12/5/2012
Collected:	10/25/2012

Project: **20121141.A2E / Bourne Public Schools; Administration Building**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**	**% Type**
1025DD-04D *131205816-0015*	Reception Area - Rough Coat/Backerboard	Gray Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
1025DD-04E *131205816-0016*	2nd Floor Break Room - Rough Coat/Backerboard	Gray Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
1025DD-05A *131205816-0017*	Stairway to Basement - Drywall	Non-Fibrous Homogeneous	2%	Cellulose	98% Non-fibrous (other)	**None Detected**
1025DD-05B *131205816-0018*	Lobby - Drywall	Gray/Tan Fibrous Heterogeneous	10%	Cellulose	90% Non-fibrous (other)	**None Detected**
1025DD-05C *131205816-0019*	2nd Floor Break Room - Drywall	Gray/Tan Fibrous Heterogeneous	5%	Cellulose	95% Non-fibrous (other)	**None Detected**
1025DD-06A *131205816-0020*	Stairway to Basement - Joint Compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
1025DD-06B *131205816-0021*	Lobby - Joint Compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
1025DD-06C *131205816-0022*	2nd Floor Break Room - Joint Compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**

Analyst(s)

Kevin Pine (14)
Steve Grise (8)

Renaldo Drakes, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3 and VT AL357102

Initial report from 12/05/2012 13:07:47

131205816

FUSS & O'NEILL
EnviroScience, LLC

131205816

www.fando.com

50 Redfield St, Suite 100, Boston, MA 02122

(617) 282-4675 Fax (617) 282-8253

SAMPLE LOG FOR ASBESTOS BULKS

Project Name: BOURNE PUBLIC SCHOOLS Project No. 20121141.A2E

Building: ADMINISTRATION BUILDING Project Manager: DUSTIN DIEDRICKSEN

	Sample ID	Sample Location	Material	Result (%)
1	1025DD-01A	BUSINESS ADMIN OFFICE (BASEMENT)	TEXTURED CEILING, SKIM	
2	-01B	↓	↓	
3	-01C	BASEMENT MEN'S BATHROOM	↓	
4	1025DD-02A	BUSINESS ADMIN OFFICE	ROUGH CEILING PLASTER/BACKERBOARD	
5	-02B	↓	↓	
6	-02C	BASEMENT MEN'S BATHROOM	↓	
7	1025DD-03A	STAIRWAY TO BASEMENT	TEXTURED CEILING, SKIM	
8	-03B	MAIN LOBBY	↓	
9	-03C	STAIRWAY TO 2ND FLOOR	↓	
10	-03D	RECEPTION AREA	↓	
11	-03E	2ND FLOOR BREAK ROOM	↓	
12	1025DD-04A	STAIRWAY TO BASEMENT	ROUGH COAT/BACKERBOARD	

Analysis Method: [X] PLM [ ] Other

Turnaround Time ~~5 Days~~ 24 Hour

SW 12/4/12

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____. Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 888-838-1160.

Special Instruction: STOP ~~POSITIVE~~ AT 1ST POSITIVE COUNT IN EACH HOMOGENEOUS SET; NO POINT COUNTING.

Samples collected by: D. DIEDRICKSEN Date: 10/25/12 Time: AM

Samples [Rec'd] [Sent by] [ ] [LM] Date: [ ] [12/3/12] Time: PM

Samples Received by: _____ Date: _____ Time: _____

Shipped To: [X] EMSL State MA [ ] Other _____

Method of Shipment: [ ] Fed Ex [ ] UPS Overnight [ ] UPS Ground [X] Other DROP OFF

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By SPA 1640
walkin

131205816

131205816

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EnviroScience, LLC

50 Redfield St, Suite 100, Boston, MA 02122

www.fando.com

(617) 282-4675 Fax (617) 282-8253

SAMPLE LOG FOR ASBESTOS BULKS

Sheet 2 of 2

Project Name: BOURNE PUBLIC SCHOOLS Project No. 20121141.A2E

Building: ADMINISTRATION BUILDING Project Manager: DUSTIN DIEDRICKSEN

	Sample ID	Sample Location	Material	Result (%)
13	-04B	MAIN LOBBY		
14	-04C	STAIRWAY TO 2ND FLOOR		
15	-04D	RECEPTION AREA		
16	-04E	~~2ND FLOOR~~ 2ND FLOOR BREAK ROOM		
17	1025DD-05A	STAIRWAY TO BASEMENT	DRYWALL	
18	-05B	LOBBY		
19	-05C	2ND FLOOR BREAK ROOM		
20	1025DD-06A	STAIRWAY TO BASEMENT	JOINT COMPOUND	
21	-06B	LOBBY		
22	-06C	2ND FLOOR BREAK ROOM		

Analysis Method: ☒ PLM ☐ Other

Turnaround Time ~~24 Hour~~ 24 Hour

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: _____. Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 888-838-1160.

Special Instruction: SEE 1ST PAGE

Samples collected by: ~~SEE~~ D. DIEDRICKSEN **Date:** 10/25/12 **Time:** AM

Samples [Rec'd] [Sent by] [ ] [A.D.] **Date:** [ ] [12/3/12] **Time:** PM

Samples Received by: _____ **Date:** _____ **Time:** _____

Shipped To: ☒ EMSL State MA ☐ Other _____

Method of Shipment: ☐ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☒ Other DROP OFF

RECEIVED
DEC 03 2012
By SPG 1640