

**2007 AHERA RE-INSPECTION AND SURVEILLANCE  
OF  
LINDENHURST MIDDLE SCHOOL  
350 SOUTH WELLWOOD AVENUE  
LINDENHURST, NY 11757**

**PREPARED FOR:  
LINDENHURST UFSD  
350 DANIEL STREET  
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# 2370

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# LINDENHURST MIDDLE SCHOOL

## 1.0 INTRODUCTION

ECG Engineering, LLC. was retained by the Lindenhurst UFSD to perform an AHERA three year re-inspection at the Lindenhurst Middle School according to the following guidelines:

1. Perform a re-inspection of all known or assumed ACBM in accordance with ' 40 CFR 763.85 (b) for the above-named building, which includes:
  - A. A visual re-inspection of all known or assumed ACBM.
  - B. Identification of any changes in the condition of known or assumed ACBM.
  - C. Any assessment or reassessments made of friable material.
  - D. The date of re-inspection, the name and signature of the person making the re-inspection and state of accreditation.
2. Update existing management plan and provide written recommendations as required by ' 40 CFR 763.85 (b) (3) (VIII) and ' 40 CFR 763.88 (d) for the above-mentioned building.
3. Prepare a district-wide executive summary and a re-inspection report with an updated management plan for the above-mentioned building.

## LINDENHURST MIDDLE SCHOOL

### **2.0 METHODOLOGY**

The methodology for performing the re-inspection is based upon EPA publication # EPA700/B-92/001 A Guide to Performing Re-inspections Under the Asbestos Hazard Emergency Response Act (AHERA). This EPA guidance document provides sample forms for use during re-inspections.

A facsimile of Sample Re-inspection Form 1 from the above guide was used to identify and assess each Homogeneous Sampling Area detected in the original AHERA inspection and the first re-inspection.

A Facsimile of Re-inspection Form 2 from the guide was used to record the results of the re-inspection. The form further records the recommendations of the management planner.

The procedures and protocols used for conducting this re-inspection include:

1. Planning Re-inspection - Based upon data provided by the LEA, Re-inspection Form 1 is completed to identify the recorded locations within the building that have been determined to contain confirmed or assumed ACBM. The material category, asbestos content, and AHERA assessment category are recorded. Also, any response actions taken since the last re-inspection are noted on this form.
2. Re-inspection - Locations identified in item 1 above are visited by an accredited inspector and an assessment of the ACBM is conducted using Re-inspection Form 2. Changes in the condition, quantity and friability of ACBM are noted. An assessment category is assigned and a determination of whether this assessment has been altered since the last re-inspection is recorded.
3. Management Planner Recommendations - An AHERA accredited Management Planner reviews Form 1 and the portion of Form 2 completed by the inspector and makes recommendations for response actions. This recommendation is also recorded on Form 2 as well as a proposed schedule for any preventative measures, response actions and initial or additional cleanings.

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### **3.0 RE-INSPECTION AND ASSESSMENT**

#### **3.1 DISCUSSION**

1. Each homogenous area number (HA#) that was assigned to an assumed suspect or confirmed material in the original AHERA report was reassigned to that material to avoid confusion.
2. Some of the information in the inspection report was provided by the LEA including changes in quantity or condition of the ACBM.
3. In homogeneous areas where no change has occurred from the original inspection or re-inspection, the inspector has so noted. Changes in conditions of friability are also noted on Re-inspection Form 1. This form contains the inspector's assessment of friable asbestos.
4. Also included within this section is information related to the inspector's accreditation.

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### 3.2 CHANGES IN CONDITION

The following changes in condition of ACBM were identified:

1. All remaining identified VAT (approximately 29,171 SF) was abated during the summer of 2005 and April 2006.
2. Some damaged pipe lagging at the 2nd and 3rd floor radiators (West Wing Rooms). Removal is recommended.
3. Approximately 586 SF of transite ACBM was noted and abated in December 2006 in the following areas: toilet (2-080), toilet (2-081), slop sink (2-127), storage (2-129), office (2-130), and storage (3-155).
4. There were no other changes in the condition of the confirmed and assumed ACBM located within this facility.

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**3.3 AHERA RE-INSPECTION FORM 1**

Homo sampling areas		material category	asbestos content	friability	AHERA assessment category	recorded locations of material	response actions taken renovations other comments
ID #	Descript.						
01	Pipe Lagging	*tsi* surf misc	assum *yes* no	f *nf* x	5	Throughout	Some damaged- 2 <sup>nd</sup> & 3 <sup>rd</sup> fl radiators (West Wing Rooms)
02-19	Floor Tiles	tsi surf *misc*	assum *yes* no	f *nf* x	5	Throughout	All remaining identified VAT abated Summer 2005 and April 2006.
11	Expansion Joint	*tsi* surf misc	*assum* yes no	f *nf* x	5	Throughout	None
N/A	Transite	tsi surf *misc*	assum *yes* no	f *nf* x	X	toilet (2-080), toilet (2-081) slop sink (2-127) storage (2-129) office (2-130) storage (3-155)	Identified & abated December 2006 (not in original AHERA)
		tsi surf misc	assum yes no	f nf x			
		tsi surf misc	assum yes no	f nf x			
		tsi surf misc	assum yes no	f nf x			

Information abstracted by Lou Mira Date 7/01/07

Friability: F = friable; NF = nonfriable; X = not ACBM

AHERA assessment category: 1 = Damaged or significantly damaged TSI ACBM; 2 = Damaged friable surfacing ACBM; 3 = Significantly damaged friable surfacing ACBM; 4 = Damaged or significantly damaged friable miscellaneous ACBM; 5 = ACBM with potential for damage; 6 = ACBM with potential for significant damage; 7 = Any remaining friable ACBM or suspect ACBM; X = Not applicable; None = no assessment in original inspection

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**3.4 AHERA INSPECTOR - ACCREDITATION AND CERTIFICATION**

**LINDENHURST MIDDLE SCHOOL**

**AHERA RE-INSPECTION AND MANAGEMENT PLAN**


Inspector: Lou Mira

Date: 7/09/07

I, Lou Mira, completed the re-inspection of this facility, and assessed the suspect ACBM during April 2007.

04-16272  
Accreditation #

New York  
State

  
\_\_\_\_\_  
Signature

## **LINDENHURST MIDDLE SCHOOL**

### **4.0 MANAGEMENT PLAN**

#### **4.1 MANAGEMENT PLANNER RECOMMENDATIONS**

This section summarizes the recommendations found on Re-inspection Form 2. Refer to the forms for specific information.

1. It is our recommendation that the damaged pipe lagging on the 2<sup>nd</sup> & 3<sup>rd</sup> floor radiators (West Wing Rooms) be removed.
2. It is our recommendation to avoid the disturbance of ACM and to perform periodic surveillances to identify any changes in the condition of ACM. If damage occurs, repair said damage in accordance with NY State and USEPA regulations.
3. After a review of the condition of the known asbestos materials located throughout the district it is recommended that all assumed and/or confirmed asbestos containing materials should be maintained in accordance with the original O & M program implemented in the original AHERA management plan. The surveillance and cleaning as recommended have helped to maintain the condition of the confirmed and assumed ACM. It is also recommended that the original asbestos management plan be reviewed and updated as needed to include suspect materials that were not previously evaluated. Also, prior testing of NOB materials should be evaluated to ensure that the results are valid.

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**4.2 AHERA RE-INSPECTION FORM 2**

Re-inspection Findings for ACBM						Management Planner Recommendations		
locations of ACBM by assessment category	quantity	friability	assessment category (1-7,X)	justification for assessment category	change in assessment	preventative measures, response actions and initial or additional cleanings	schedule	
							begin	complete
Throughout	N/A	*F* NF	1	Damaged	*YES* NO	Some damaged- 2nd & 3rd fl radiators (West Wing Rooms)- Recommend removal	7/07	7/10
		F NF			YES NO			
		F NF			YES NO			
		F NF			YES NO			
		F NF			YES NO			
		F NF			YES NO			
Were additional samples of this ACBM taken? Yes *No*						Date of Management Planner Review: <u>08/01/07</u>		
Inspector Name <u>Lou Mira</u> Accreditation #/State <u>04-16272/NY</u> Expiration Date <u>01/08</u>						Management Planner <u>Gregory J. Anderson</u> Accreditation #/State <u>04-08373/NY</u> Expiration Date <u>10/07</u>		

I, the LEA's Designated Person, have read and understood the recommendation made above: \_\_\_\_\_ Date: \_\_\_\_\_

Re-inspection Form 2: Re-inspection of ACBM: Findings and Management Planner Recommendations

School: Lindenhurst UFSD Building: Lindenhurst Middle School

Date(s) of Re-inspection 7/09/07

Homogeneous Sampling Area: Material Description: Floor Tiles

ID Number 02-19

Re-inspection Findings for ACBM						Management Planner Recommendations		
locations of ACBM by assessment category	quantity	friability	assessment category (1-7,X)	justification for assessment category	change in assessment	preventative measures, response actions and initial or additional cleanings	schedule	
							begin	complete
Throughout	N/A	F NF	X	Abated	*YES* NO	All remaining identified VAT abated Summer 2005 and April 2006.	N/A	N/A
		F NF			YES NO			
		F NF			YES NO			
		F NF			YES NO			
		F NF			YES NO			
		F NF			YES NO			
Were additional samples of this ACBM taken? Yes *No*						Date of Management Planner Review: <u>08/01/07</u>		
Inspector Name <u>Lou Mira</u> Accreditation #/State <u>04-16272/NY</u> Expiration Date <u>01/08</u>						Management Planner <u>Gregory J. Anderson</u> Accreditation #/State <u>04-08373/NY</u> Expiration Date <u>10/07</u>		

I, the LEA's Designated Person, have read and understood the recommendation made above: \_\_\_\_\_ Date: \_\_\_\_\_

Re-inspection Form 2: Re-inspection of ACBM: Findings and Management Planner Recommendations  
 School: Lindenhurst UFSD Building: Lindenhurst Middle School  
 Homogeneous Sampling Area: Material Description: Expansion Joint

Page 3 of 4  
 Date(s) of Re-inspection 7/09/07  
 ID Number 11

Re-inspection Findings for ACBM						Management Planner Recommendations		
locations of ACBM by assessment category	quantity	friability	assessment category (1-7,X)	justification for assessment category	change in assessment	preventative measures, response actions and initial or additional cleanings	schedule	
							begin	complete
Throughout	N/A	F *NF*	5	Potential for Damage	YES *NO*	Avoid Disturbance & Perform Periodic Surveillances	7/07	7/10
		F NF			YES NO			
		F NF			YES NO			
		F NF			YES NO			
		F NF			YES NO			
		F NF			YES NO			
Were additional samples of this ACBM taken? Yes *No*						Date of Management Planner Review: <u>08/01/07</u>		
Inspector Name <u>Lou Mira</u> Accreditation #/State <u>04-16272/NY</u> Expiration Date <u>01/08</u>						Management Planner <u>Gregory J. Anderson</u> Accreditation #/State <u>04-08373/NY</u> Expiration Date <u>10/07</u>		

I, the LEA's Designated Person, have read and understood the recommendation made above: \_\_\_\_\_ Date: \_\_\_\_\_

Re-inspection Form 2: Re-inspection of ACBM: Findings and Management Planner Recommendations

School: Lindenhurst UFSD Building: Lindenhurst Middle School

Date(s) of Re-inspection 7/09/07

Homogeneous Sampling Area: Material Description: Transite

ID Number N/A

Re-inspection Findings for ACBM						Management Planner Recommendations		
locations of ACBM by assessment category	quantity	friability	assessment category (1-7,X)	justification for assessment category	change in assessment	preventative measures, response actions and initial or additional cleanings	Schedule	
							begin	complete
toilet (2-080) toilet (2-081) slop sink (2-127) storage (2-129) office (2-130) storage (3-155)	586 SF <u>-586 SF</u> 0	F NF	X	Abated	YES  *NO*	Identified & Abated December 2006	N/A	N/A
		F NF			YES NO			
		F NF			YES NO			
		F NF			YES NO			
		F NF			YES NO			
Were additional samples of this ACBM taken? Yes *No*						Date of Management Planner Review: <u>08/01/07</u>		
Inspector Name <u>Lou Mira</u> Accreditation #/State <u>04-16272/NY</u> Expiration Date <u>01/08</u>						Management Planner <u>Gregory J. Anderson</u> Accreditation #/State <u>04-08373/NY</u> Expiration Date <u>10/07</u>		

I, the LEA's Designated Person, have read and understood the recommendation made above: \_\_\_\_\_ Date: \_\_\_\_\_

**ECG Project No. 2370**

**ECG Engineering, LLC.**

### **4.3 AHERA MANAGEMENT PLANNER - ACCREDITATION AND CERTIFICATION**

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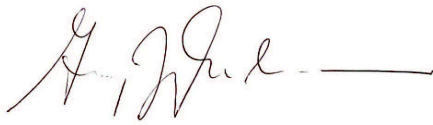
**AHERA RE-INSPECTION AND MANAGEMENT PLAN**

Management Planner: Gregory J. Anderson    Date: 08/01/07

I, Gregory J. Anderson, prepared the management plan for this facility, determined the response actions, and estimated the resources required.

04-08373  
Accreditation #

New York  
State

  
\_\_\_\_\_  
Signature

LINDENHURST MIDDLE SCHOOL

**5.0 PERIODIC SURVEILLANCE FORMS**