Appendix D
EE&G Environmental Reports
(Hazardous Materials Testing)

ENVIRONMENTAL SERVICES. LLC

LIMITED ASBESTOS INSPECTION SURVEY REPORT

FOR

GLYNN ARCHER ELEMENTARY SCHOOL COMPLEX
CITY HALL PLANNING PROJECT
1302 WHITE STREET
KEY WEST, FLORIDA 33040

Prepared for

CH2M HILL
6410 5th STREET, SUITE 2A
KEY WEST, FLORIDA 33040

Mr. ANDREW H. SMYTH

Prepared by

EE&G Environmental Services, LLC
5751 Miami Lakes Drive
Miami Lakes, Florida 33014
(305) 374-8300
www.eeandg.com

August 29, 2012
EE&G Project No. 2012-2373

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SECTION 1.0

INTRODUCTION

An asbestos inspection was conducted at the Glynn Archer Elementary School Complex, located at 1302 White Street, Key West, Florida. The inspection was conducted in June 2012 by AHERA-certified inspectors Rich Grupenhoff, Ramsey Abreu, Hiram Aguiar, and Sean Nemser of EE&G Environmental Services, LLC (EE&G).

The purpose of this asbestos inspection was to identify the presence, extent, and condition of asbestos-containing materials (ACM) in the surveyed areas of this facility. The areas surveyed during this inspection include the dormitories and common area corridors. All observed suspect materials were either sampled to determine asbestos content or assumed to contain asbestos.

Terms used in this report are defined in the General Terms section located in Appendix A. Additional information on the classification of ACM for National Emissions Standards for Hazardous Air Pollutants (NESHAP) is also located in Appendix A. These NESHAP categories are helpful in determining the need for asbestos abatement and must be used in the NESHAP notification of intent to renovate or demolish.

SECTION 2.0

BUILDING DESCRIPTION

BUILDING A

The two-story classroom building, constructed in the 1920's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with vinyl floor tile, wood, and ceramic tile. County records were not available to review during the time of this inspection. See Appendix C for Figures.

BUILDING B

The two-story classroom building, constructed in the 1920's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with vinyl floor tile, wood, and ceramic tile. County records were not available to review during the time of this inspection. See Appendix C for Figures.

AUDITORIUM BUILDING

The one-story auditorium building, constructed in the 1920's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with linoleum and wood. County records were not available to review during the time of this inspection. See Appendix C for Figures.

BUILDING C

The one-story classroom building, constructed in the 1950's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with vinyl floor tile, wood, and ceramic tile. County records were not available to review during the time of this inspection. See Appendix C for Figures.

SECTION 3.0

METHODS AND LIMITATIONS

3.1 ASBESTOS SURVEY METHODS

The classrooms, corridors, common areas, and roof areas were inspected for suspect ACM, unless otherwise noted. Each observed suspect material was assigned a homogenous area number, described, and measured. Each observed suspect material was either sampled or assumed to be asbestos-containing. Samples of suspect ACM were collected using procedures established by the United States (US) Environmental Protection Agency (EPA) Code of Federal Regulations (CFR) Title 40 Part 763 Subpart E, Asbestos-Containing Materials in Schools.

3.2 LABORATORY ANALYSIS METHODS

Samples were sent to AAL in Tampa, Florida for analysis. Upon arrival at the laboratory, the samples were logged-in and stored for analysis. Analyses were performed using the polarized light microscopy (PLM) method of asbestos detection using guidelines and procedures established in the Method for the Determination of Asbestos in Bulk Building Materials (EPA-600/R-93-116 July, 1993).

3.3 LIMITATIONS

This asbestos inspection report has been prepared by EE&G in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. No other warranty, expressed or implied is made. The intent of this survey report is to assist the owner or client in locating ACM. Under no circumstances is this survey to be utilized as a proposal or a project specification document without the expressed written consent of EE&G.

The survey was conducted to identify suspect ACM in accessible areas of the structure. If other areas at this location are to be impacted during planned or future renovations, a separate asbestos survey of these areas will be required. Some ACM may not have been discovered due to inaccessibility or missing/incomplete plans. Any suspect materials discovered subsequent to the issue of this survey report should be sampled and analyzed to determine asbestos content and to initiate appropriate responses.

Analyses were carried out by PLM. While the most commonly accepted analytical method for detecting asbestos in bulk materials, PLM is known to have limited resolution and may not detect extremely small asbestos fibers. Certain materials, notably vinyl floor tiles, may contain extremely fine asbestos fibers that are beyond the resolution of PLM.

EE&G's interpretations and recommendations are based upon the results of sample collection and analyses in compliance with environmental regulations, quality control and assurance standards, and the scope of work as indicated in EE&G's proposal, dated June 14, 2012. The results, conclusions, and recommendations contained in this report pertain to conditions observed at the time of the survey. Other conditions elsewhere in the subject building(s) may

differ from those in the inspected/surveyed locations and, such conditions are unknown, may change over time, and have not been considered.

This report was prepared solely for the use of EE&G's client, and is not intended for use by third party beneficiaries. The client shall indemnify and hold EE&G harmless against any liability for any loss arising out of or relating to reliance by any third party on any work performed thereunder, or the contents of this report. EE&G will not be held responsible for the interpretation or use by others of data developed pursuant to the compilation of this report, or for use of segregated portions of this report.

SECTION 4.0

SURVEY RESULTS

4.1 ASBESTOS ANALYSIS RESULTS

The results of the PLM analyses and assessment of suspect ACM are summarized in Table 1. The original laboratory report is attached as Appendix B.

4.1.1 Asbestos-containing materials

Asbestos was identified in amounts greater than 1 percent in the following materials:

- **Building A**
  - Tan 12”x12” VFT mastic (2-5%C)
  - Black VFT (2-5%C)
  - Brown VFT (2-5%C)
  - Light Green 9”x9” VFT (2-5%C)
  - Green 12”x12” VFT (2-5%C)
  - Light Green VFT (2-5%C)
  - Cream 9”x9” VFT (2-5%C)
  - Green 9”x9” VFT (2-5%C)
  - Pink 9”x9” VFT (2-5%C)
  - Light Green 9”x9” VFT (2-5%C)
  - Black/Grey cap flashing/sealant (5-10%C)

- **Building B**
  - Brown VFT (2-5%C)
  - Beige 12”x12” VFT mastic (2-5%C)
  - Black VFT (2-5%C)
  - Grey VFT (2-5%C)
  - Brown 9”x9” VFT (2-5%C) with black mastic (2-5%C)
  - Black VFT (2-5%C) with black mastic (2-5%C)
  - Red 9”x9” VFT (2-5%C) with black mastic (2-5%C)
  - White 9”x9” VFT (2-5%C) with black mastic (2-5%C)
  - Green 9”x9” VFT (5-10%C)

- **Building C**
  - Grey 9”x9” VFT (2-5%C) with black mastic (5-10%C)
  - Green VFT (2-5%C) with black mastic (5-10%C)
  - Grey VFT (2-5%C) with black mastic (5-10%C)
  - Black roof curb wall counter flashing (5-10%C)

- **Auditorium**
  - Tan pebble linoleum (20-25%C in paper backing)
  - Maroon VFT (2-5%C)

Refer to Tables 1 for the location, quantity, and condition of these materials.

4.1.2 Nonasbestos-containing materials

Asbestos was not detected or was found in amounts less than or equal to 1 percent in the following materials:

- **Building A**
  - Grey/brown plaster system
  - White/red 2'x4' dot furrow red back ceiling tile
  - White 2'x4' dot dot ceiling tile
  - White 2'x4' dot furrow ceiling tile
  - White/tan 1'x1' ceiling tile
  - Beige/green exterior stucco with paint
  - Grey window glazing
  - Brown vinyl base board with glue
  - Blue vinyl baseboard with glue
  - Tan 12"x12" VFT
  - Brown ceiling tile board
  - Brown ceiling tile glue
  - Beige 12"x12" VFT
  - Black felt
  - White 12"x12" VFT with glue
  - Tan 12"x12" red stripe VFT and glue
  - Green 12"x12" VFT
  - Light blue 12"x12" VFT with glue
  - Tan VFT and glue
  - Blue 12"x12" VFT with glue
  - Dark tan 12"x12" VFT with glue
  - Grey/aqua 12"x12" VFT with glue
  - Sky blue 12"x12" VFT with glue
  - Black/grey felt field membrane
  - Black/grey edge flashing
  - Black/grey VTR flashing

- **Building B**
  - Grey/white plaster system
  - White/red 2'x4' dot furrow red back ceiling tile
  - White 2'x4' dot furrow ceiling tile
  - White/brown 1'x1' dot ceiling tile
  - Cream/green exterior stucco with paint
  - Tan vinyl baseboard with glue
  - Grey vinyl baseboard with glue
  - Brown vinyl baseboard with glue
  - Tan 12"x12" VFT
  - Beige 12"x12" VFT with glue
  - Cream 12"x12" VFT with glue
  - Tan 12"x12" red stripe VFT with glue
  - White 12"x12" VFT with glue

- Black/grey roof felt field membrane
- Black/grey cap seal flashing
- Black VTR flashing

- **Building C**
  - Grey plaster system
  - White 2”x4” dot furrow ceiling tile
  - White/red 1’x1’ dot ceiling tile
  - Grey/pink exterior stucco with paint
  - Grey/green exterior stucco with paint
  - Grey window glazing
  - Black/white chill water thermal system insulation (TSI)
  - Pink 12”x12” VFT and glue
  - Blue 12’x12’ VFT and glue
  - Light blue 12’x12’ VFT and glue
  - Beige 12’x12’ VFT and glue
  - Tan speck 12’x12’ VFT and glue
  - Brown striped 12’x12’ VFT and glue
  - Brown vinyl baseboard and glue
  - Black roof field membrane
  - Black edge flashing
  - Black wall curb flashing
  - Black VTR flashing
  - Black exhaust flashing
  - Black wall counter flashing

- **Auditorium**
  - Grey/white plaster system
  - White 2’x4’ dot furrow ceiling tile
  - White/tan 1’1 dot ceiling tile
  - Cream/green exterior stucco with paint
  - Grey window glazing
  - Grey ceiling plaster system
  - Black felt paper
  - Black/grey roof field membrane
  - Black edge flashing
  - Black wall curb flashing
  - Grey ceiling insulation.

Refer to Table 1 for the location of these materials.

TABLE 1: SURVEY RESULTS FOR GAES (BUILDING A), KEY WEST, FLORIDA

HA #	Material Description	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
01-03	Grey/brown plaster system	All partition and demising walls,, older upper ceilings	NA	NAD	NA	NA	NA
04	White/red 2'x4' dot furrow redback ceiling tile	Hallways on floor 1, Rooms 100, 102,124	NA	NAD	NA	NA	NA
05	White 2'x4' dot dot ceiling tile	Main office 119 replacement tile	NA	NAD	NA	NA	NA
06	White 2'x4' dot furrow ceiling tiles	Majority of newer lower ceilings, various halls and rooms n floors 1 & 2	NA	NAD	NA	NA	NA
07	White/tan 1'x1' ceiling tie	Upper ceilings (on plaster) on corridors, floors 1 & 2	NA	NAD	NA	NA	NA
08-09	Bumpy exterior stucco with beige or green paint	Exterior finishes, floors 1 & 2	NA	NAD	NA	NA	NA
10	Grey window glazing	Exterior windows on floors 1 & 2	NA	NAD	NA	NA	NA
11	Brown vinyl baseboard and glue	Stair treads in hall stairwells	NA	NAD	NA	NA	NA
12	Blue vinyl baseboard and glue	Room 102	NA	NAD	NA	NA	NA

NA = Not Applicable VFT = Vinyl Floor Tile SF = Square Feet TSI = Thermal System Insulation
NAD = No Asbestos Detected HA = Homogeneous Area C = Chrysotile Asbestos LF = Linear Feet CT = Ceiling Tile
TBD = To Be Determined
All quantities are approximate.

HA #	Material Description	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
13-14	**Tan/Beige 12”x12” VFT over 9” black VFT and felt**	**Floors 1 & 2 hallways and common areas (not bathrooms)**	**2,300 +2,100 = 4.400 SF total**	**2-5% in 9” black/brown VFTs base layer only**	**Non-friable**	**Good (enclosed)**	**I**
15	White 12”x12” VFT	Room 200	NA	NAD	NA	NA	NA
16	**Light green 9”x9” VFT and black felt**	**Main office 119 (under carpet various rooms) TBD**	**<1,100 SF**	**2-5%C in VFT only**	**Non-friable**	**Good**	**I**
17	Tan 12”x12” red stripe VFT	Rooms 103A, 122A, 120, 202, 203, 213	NA	NAD	NA	NA	NA
18	**Green 12”x12” VFT and black felt**	**Rooms 102 (exposed) and 212 (bottom layer)**	**102 = 600 SF 212 = 1,050 SF**	**2-5%C**	**Non-friable**	**Good**	**I**
19	Green 12”x12” VFT and yellow glue	Room 212 (upper layer)	See above	NAD	NA	NA	NA
20	Light Blue 12”x12” VFT	Room 100 (top layer) and 119 Main office	NA	NAD	NA	NA	NA
21	Tan VFT and yellow glue	Room 100 (bottom layer)	NA	NAD	NA	NA	NA
22	Blue 12”X12” VFT over Tan VFT and yellow glue	Main office 119 complex	NA	NAD	NA	NA	NA

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NAD = No Asbestos Detected HA = Homogeneous Area C = Chrysotile Asbestos LF = Linear Feet CT = Ceiling Tile
TBD = To Be Determined
All quantities are approximate.

HA #	Material Description	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
23	**Cream/Green/Pink 9”x9” VFT w/black mastic/felt**	**Rooms 204 and 205**	**1,250 SF total**	**2-5% in VFTs only**	**Non-friable**	**Good**	**I**
24	Dark tan 12”x12” VFT	Room 120	NA	NAD	NA	NA	NA
25	Grey/aqua 12”x12” VFT	Room 103A	NA	NAD	NA	NA	NA
26	Black/grey felt field membrane	Roof south center, north, center	NA	NAD	NA	NA	NA
27	Black/grey edge flashing	Roof south edge	NA	NAD	NA	NA	NA
28	Black/grey VTR flashing	Roof north east	NA	NAD	NA	NA	NA
29	**Black/grey cap flashing/sealant**	**Main Roof parapet perimeter**	**400LF x 6 = 2,400 SF total**	**5-10%C in sealant**	**Non-friable**	**Good**	**I**
30	Brown ceiling tile glue	Sampled in Rm 200, present above most ceilings	NA	NAD	NA	NA	NA

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NAD = No Asbestos Detected HA = Homogeneous Area C = Chrysotile Asbestos LF = Linear Feet CT = Ceiling Tile
TBD = To Be Determined
All quantities are approximate.

TABLE 2: SURVEY RESULTS FOR GAES (BUILDING B), KEY WEST, FLORIDA

HA #	Material Description	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
01	Grey/white/brown Plaster system	All partition and demising walls and cupper ceilings throughout	NA	NAD	NA	NA	NA
02	White 2'x4' dot furrow redback ceiling tile	Hallways on floor 1 (lower ceiling)	NA	NAD	NA	NA	NA
03	White 2'x4' dot furrow ceiling tile	Floor 1 and 2 hallways, majority lower ceiling tiles, also majority in classrooms	NA	NAD	NA	NA	NA
04	White/brown 1'x1' ceiling tile	Upper ceilings in halls and rooms on floors 1 & 2	NA	NAD	NA	NA	NA
05	Bumpy exterior stucco with cream/green paint	Floors 1 & 2 exterior finishes	NA	NAD	NA	NA	NA
06	Tan Vinyl baseboard and glue	Rooms 109, 104, 209, 210	NA	NAD	NA	NA	NA
07	Grey vinyl baseboard and glue	Room 106	NA	NAD	NA	NA	NA
08	Brown/Tan vinyl baseboards and glue	Stairwells NE and where present	NA	NAD	NA	NA	NA

NA = Not Applicable VFT = Vinyl Floor Tile SF = Square Feet TSI = Thermal System Insulation
NAD = No Asbestos Detected HA = Homogeneous Area C = Chrysotile Asbestos LF = Linear Feet CT = Ceiling Tile
TBD = To Be Determined
All quantities are approximate.

HA #	Material Description	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
10	**Tan/Beige 12"x12" VFTs over brown VFT and black mastic**	**Floors 1 & 2 hallways and common areas (not bathrooms)**	**2,300 +2,300 = 4,600 SF total**	**2-5%C in Brown VFT and black mastic only**	**Nonfriable**	**Good**	**I**
11	**Cream 12"x12" VFT over Grey VFT and black felt**	**Room 210**	**625SF**	**2-5%C in Grey VFT only**	**Nonfriable**	**Good**	**I**
12	Tan 12"x12" redstripe VFT	Room 208, 209, 215	NA	NAD	NA	NA	NA
13	White 12" VFT **over Green VFT a**nd black felt	**Room 108**	**460SF**	**2-5%C in Green VFT only**	**Nonfriable**	**Good**	I
14	**Brown 9" VFT over black VFT and black mastic**	**Room 107 (both layers)**	**625SF**	**2-5%C in VFTs and mastics**	**Nonfriable**	**Good**	I
15	**Red/White 9"VFTs over Black/Green VFTs and black mastic**	**Room 215 (checkerboard pattern, both layers)**	**700 SF**	**2-5%C in VFTs and mastics**	**Nonfriable**	**Good**	**I**
16	**White 9" VFT over Green VFT and black mastic and felt**	**Room 206 (both layers)**	**625SF**	**2-5%C in VFTs and mastics**	**Nonfriable**	**Good**	**I**
17	**Green VFT and black mastic and felt**	**Room 207**	**625 SF**	**2-5%C in VFT and mastics**	**Nonfriable**	**Good**	**I**

NA = Not Applicable VFT = Vinyl Floor Tile SF = Square Feet TSI = Thermal System Insulation
NAD = No Asbestos Detected HA = Homogeneous Area C = Chrysotile Asbestos LF = Linear Feet CT = Ceiling Tile
TBD = To Be Determined
All quantities are approximate.

HA #	Material Description	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
18	Black/grey roof felt field membrane	Floor 2 corridor center, northeast	NA	NAD	NA	NA	NA
19	Black/grey cap seal flashing	Cap southeast, northwest, southwest	NA	NAD	NA	NA	NA
20	Black VTR flashing	Vent center	NA	NAD	NA	NA	NA

NA = Not Applicable
NAD = No Asbestos Detected
TBD = To Be Determined
All quantities are approximate.
VFT = Vinyl Floor Tile
HA = Homogeneous Area
SF = Square Feet
C = Chrysotile Asbestos
TSI = Thermal System Insulation
LF = Linear Feet
CT = Ceiling Tile

TABLE 3: SURVEY RESULTS FOR GAES (AUDITORIUM), KEY WEST, FLORIDA

HA #	Material Description	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
01	Grey/white plaster system	Upper ceilings	NA	NAD	NA	NA	NA
02	White 2'x4' dot furrow ceiling tile	Lower suspended ceilings	NA	NAD	NA	NA	NA
03	White/tan 1'x1' dot ceiling tile	Upper ceilings (glued on plaster)	NA	NAD	NA	NA	NA
04	Bumpy exterior stucco with cream/green paint	Exterior finishes	NA	NAD	NA	NA	NA
05	Grey window glazing	Old 117 windows	NA	NAD	NA	NA	NA
07	**Tan pebble linoleum**	**Main floor under seats (top)**	**3,300 SF**	**20-25%C in backing**	**Non-friable**	**Good**	**I**
08	**Maroon VFT w/black felt/mastic**	**Main floor (bottom)**	**(Included above)**	**2-5%C in VFT only**	**Non-friable**	**Good**	**I**
09	Black/grey field membrane	Roof proper	NA	NAD	NA	NA	NA
10	Black edge flashing	Main and walkway perimeter edges	NA	NAD	NA	NA	NA
11	Black wall curb flashing	Up against A and B walls	NA	NAD	NA	NA	NA

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NAD = No Asbestos Detected HA = Homogeneous Area C = Chrysotile Asbestos LF = Linear Feet CT = Ceiling Tile
TBD = To Be Determined
All quantities are approximate.

TABLE 4: SURVEY RESULTS FOR GAES (BUILDING C), KEY WEST, FLORIDA

HA #	Material Description	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
01	Grey Plaster system	All partition and demising walls	NA	NAD	NA	NA	NA
02	White 2'x4' dot furrow ceiling tile	Various Rooms including 115C, 112, 114	NA	NAD	NA	NA	NA
03	White/red 1'x1'dot ceiling tile	Hallways upper ceilings exposed	NA	NAD	NA	NA	NA
04	Bumpy grey exterior stucco with pink paint	Exterior finishes on library roof and back at 136D	NA	NAD	NA	NA	NA
05	Smooth grey exterior stucco with green paint	Floor 1 exterior finishes	NA	NAD	NA	NA	NA
06	Grey window glazing	Exterior windows	NA	NAD	NA	NA	NA
07	Black/white chill water TSI (straights and elbows)	Northside Mech exterior mech. areas	NA	NAD	NA	NA	NA
08	**Grey 9x9" VFT and black mastic**	**Rooms 114B, 133**	**114B = 900SF 133 = 300SF**	**2-5%C in VFT, 5-10% C in mastic**	**Nonfriable**	**Good**	**I**

NA = Not Applicable VFT = Vinyl Floor Tile SF = Square Feet TSI = Thermal System Insulation
NAD = No Asbestos Detected HA = Homogeneous Area C = Chrysotile Asbestos LF = Linear Feet CT = Ceiling Tile
TBD = To Be Determined
All quantities are approximate.

HA #	Material Description	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
09	**Green 9x9" VFT and black mastic**	**Room 113C**	**500 SF**	**2-5%C in VFT, 5-10% C in mastic**	**Nonfriable**	**Good**	**I**
10	Pink 12"x12" VFT and glue	Room 111	NA	NAD	NA	NA	NA
11	Blue 12"x12" VFT over light blue and glue	Room 113A	NA	NAD	NA	NA	NA
12	**Tan/Beige 12"x12" VFT over Green/Grey VFT and black mastic**	**Corridors (2 layers)**	**2,500 SF total**	**2-5%C in Green/grey VFTs, 5-10% C in mastic**	**Nonfriable**	**Good**	**I**
13	**White12" VFT w/ black mastic**	**Cafeteria/Servery areas**	**<3,400 SF**	**2-5%C in remnant mastic only**	**Nonfriable**	**Good**	**I**
14	Brown striped 12"x12" VFT and glue	114A, 126, Cafeteria (spots)	NA	NAD	NA	NA	NA
15	Brown vinyl baseboard and glue	Corridors	NA	NAD	NA	NA	NA
16	Black roof field membrane	Lower and upper decks	NA	NAD	NA	NA	NA
17	Black edge flashing	Lower and upper deck perimeters	NA	NAD	NA	NA	NA

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NAD = No Asbestos Detected HA = Homogeneous Area C = Chrysotile Asbestos LF = Linear Feet CT = Ceiling Tile
TBD = To Be Determined
All quantities are approximate.

HA #	Material Description	HA Location	Approx. Quantity	Asbestos Content	Friability	Condition	NESHAP Category
18	Black wall curb flashing	Upper decks at C walls	NA	NAD	NA	NA	NA
19	Black VTR flashing	Roof vents on all decks	NA	NAD	NA	NA	NA
20	Black exhaust flashing	Exhaust fan bases	NA	NAD	NA	NA	NA
21	**Black wall counter flashing**	**Up against Library cap deck**	**300 LF/600 SF**	**5-10%C**	**Nonfriable**	**Good**	**I**

NA = Not Applicable
NAD = No Asbestos Detected
TBD = To Be Determined
All quantities are approximate.
VFT = Vinyl Floor Tile
HA = Homogeneous Area
SF = Square Feet
C = Chrysotile Asbestos
TSI = Thermal System Insulation
LF = Linear Feet
CT = Ceiling Tile

SECTION 5.0

RECOMMENDATIONS

5.1 RECOMMENDATIONS FOR REGULATED ACM (RACM)

The following material was identified as RACM:

- None of the sampled materials were identified as RACM

5.2 RECOMMENDATIONS FOR CATEGORY I NONFRIABLE ACM

The following materials were identified as Category I Nonfriable ACM:

- **Building A**
  - Tan 12”x12” VFT mastic (2-5%C)
  - Black VFT (2-5%C)
  - Brown VFT (2-5%C)
  - Light Green 9”x9” VFT (2-5%C)
  - Green 12”x12” VFT (2-5%C)
  - Light Green VFT (2-5%C)
  - Cream 9”x9” VFT (2-5%C)
  - Green 9”x9” VFT (2-5%C)
  - Pink 9”x9” VFT (2-5%C)
  - Light Green 9”x9” VFT (2-5%C)
  - Black/Grey cap flashing/sealant (5-10%C)

- **Building B**
  - Brown VFT (2-5%C)
  - Beige 12”x12” VFT mastic (2-5%C)
  - Black VFT (2-5%C)
  - Grey VFT (2-5%C)
  - Brown 9”x9” VFT (2-5%C) with black mastic (2-5%C)
  - Black VFT (2-5%C) with black mastic (2-5%C)
  - Red 9”x9” VFT (2-5%C) with black mastic (2-5%C)
  - White 9”x9” VFT (2-5%C) with black mastic (2-5%C)
  - Green 9”x9” VFT (5-10%C)

- **Building C**
  - Grey 9”x9” VFT (2-5%C) with black mastic (5-10%C)
  - Green VFT (2-5%C) with black mastic (5-10%C)
  - Grey VFT (2-5%C) with black mastic (5-10%C)
  - Black wall counter flashing (5-10%C)

- **Auditorium**
  - Tan pebble linoleum (20-25%C)
  - Maroon VFT (2-5%C)

These materials must be removed prior to any activities that would release asbestos fibers. Specifically, any renovation activity that will crush, abrade, or dissolve the matrix of these materials must be performed by a Florida-licensed Asbestos Contractor. If they will not be impacted during renovation, then no other special handling is required. New tile or carpeting may be installed over asbestos-containing flooring as long as they are not impacted by the installation activities.

5.3 RECOMMENDATIONS FOR CATEGORY II NONFRIABLE ACM

None of the materials were identified as Category II Nonfriable ACM.

5.4 GENERAL RECOMMENDATIONS

- If other areas at this location are to be impacted during renovation, an asbestos survey of these areas will be required.

- Suspect materials discovered after this inspection should be sampled and analyzed to determine asbestos content and to initiate appropriate responses.

If any materials are to remain in–place:

- An operations and maintenance (O&M) program should be implemented to manage ACM that will remain in the building. An O&M program will prevent asbestos fiber release, resuspension of previously released fibers, and ensure proper control of asbestos fibers if a release occurs.

- Any repair and maintenance activities where the ACM is likely to release asbestos fibers must be conducted by personnel who have attended a 16-hour OSHA Class III operations training course.

- Any maintenance and custodial activities where the ACM is contacted but asbestos fibers are unlikely to be released must be conducted by personnel who have attended a 2-hour OSHA Class IV operations training course.

5.5 SPECIFIC RECOMMENDATIONS

Based on the results of this renovation survey, EE&G has the following specific recommendations:

- Removal and disposal of ACM for the purposes of renovation must be performed by a Florida-licensed asbestos contractor.

- A licensed asbestos consulting firm should perform daily air monitoring of the renovation areas during asbestos removal to document the air quality, perform daily inspections, and provide final visual inspections and final air clearance testing.

- Prior to renovation activities, the renovation areas should be inspected for potentially hazardous materials, such as Freon, mercury, lead, solvents, caustic materials, and flammable materials. The identified materials should be removed from the area, and properly disposed of in accordance with federal, state, and local regulations.

- EE&G recommends a hazards communications program be implemented to protect workers in other trades from inadvertent exposure to asbestos fibers during the renovation.

- The Monroe County Department of Environmental Protection (MCDEP) requires notification of intent to renovate. Notification must be sent at least 10 working days prior to the start of any renovation activities. The general contractor should also keep a copy of this survey at the construction site during the entire project as proof of compliance with 40 CFR 61 (NESHAP).

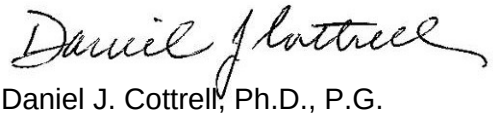
SECTION 6.0

SIGNATURE PAGE

Submitted by

Richard Grupenhoff
Sr. Operations Manager, EE&G

Reviewed by



Daniel J. Cottrell, Ph.D., P.G.
Senior Technical Advisor, EE&G
Asbestos Consultant #DD0000010

APPENDIX A

GENERAL TERMS:

TYPES OF ASBESTOS-CONTAINING MATERIALS
TYPES OF ASBESTOS-CONTAINING ROOFING MATERIALS
NESHAP CATEGORIES FOR ACM

TYPES OF ASBESTOS-CONTAINING MATERIALS

Asbestos-Containing Material (ACM)

Asbestos-containing materials, as defined by National Emission Standards for Hazardous Air Pollutants (NESHAP), are materials that have an asbestos content of greater than 1 percent.

Friable Material

Material that can be crumbled or reduced to a powder using normal hand pressure. Nonfriable material is too hard to be crumbled or reduced to a powder without the use of tools. Nonfriable materials may become friable if abraded or broken.

Suspect Materials

There are three broad classes that define suspect, asbestos-containing materials. These are: 1) surfacing material, 2) thermal system insulation, and 3) miscellaneous material. All materials that fit the description of these materials (as described below) are suspected to contain asbestos, until sampled and analyzed.

- Surfacing Material - Materials applied by spray or trowel are classified as surfacing materials. Asbestos was used in a variety of surfacing materials for fireproofing, acoustic dampening, condensation control, and decorative purposes. Surfacing materials that contain asbestos usually occur as fireproofing on steel-frame members, textured ceilings, or acoustic plaster ceilings.

- Thermal System Insulation (TSI) Material - Chill water, hot water, and steam-generating mechanical systems are frequently insulated with materials that contain asbestos. Pipes may be insulated with a nonasbestos-containing material, but have mastic or plastered joints that contain asbestos. Insulation materials that contain asbestos are generally found in boiler rooms and chiller rooms, in pipe chases in walls, in pipe runs above suspended ceilings, or in crawl spaces under buildings. Insulation covered with an undamaged jacket or wrap is classified as nonfriable. Adhesives used to hold insulation in place or provide an airtight seal are also nonfriable materials. Most other types of thermal insulation are friable.

- Miscellaneous Material - Miscellaneous building materials are materials that are used for finishing of interior spaces, or adhesive materials applied to building materials and roofs. These materials have been manufactured with asbestos for strength enhancement, fire retardation, condensation control, acoustical dampening, or corrosion resistance. The most common type of friable miscellaneous material is ceiling tile. Most other miscellaneous materials are nonfriable materials such as vinyl floor tile, adhesives, and cementitious panels (Transite™).

TYPES OF ASBESTOS-CONTAINING ROOFING MATERIALS (ACRM)

Field Membrane

This area is usually the predominant part of any roof deck and is comprised of all nonflashed areas and is applied directly to the roof substrate over an intermediate insulating layer. It usually consists of alternating layers of rolled-out felts and hot tar, topped with more hot tar to waterseal, and gravel. The asbestos, if found, is in one or more of the layers of tar or may be in the felts themselves.

Edge Flashing

This component consists of a cold bull/pitch applied to the substrate around the perimeter of a flat roof deck. An additional 8" - 12" of felt is applied to the bull/pitch to seal the edge of the roof substrate before a 4" - 6" piece of metal drip guard is placed over these materials to counterflash and protect against wind and rain. The field membrane felts are then blended in with the inner edge to conform with the rest of the roof. The asbestos, if found, is in the layers of bull/pitch, tar, or may be in the flashing felts themselves.

Wall Base/Parapet Flashing

This component consists of a cold bull/pitch applied to the roof substrate, adjoining wall base, fan/vent, scupper trough, hatch, chimney, or raised parapet wall. An additional 12" - 48" of felt (often painted silver) is applied to the bull/pitch to seal the edges of the roof substrate, wall(s), or the side or top of the concrete parapet wall. The field membrane felts are then blended in with the inner edge to conform with the rest of the roof. The asbestos, if found, is in the layers of bull/pitch, tar, or may be in the flashing felts themselves.

Roof Fixture Flashing

This component consists of a cold bull/pitch applied to the roof substrate around any of the following fixtures: roof drain, vent-thru-roof stack (VTR), pitch pan, gooseneck vents, mechanical equipment supports, or any other roof penetration. An additional sheet of metal counterflashing (extending 4" - 24" from the center) is applied to the bull/pitch to seal the edges to the roof substrate. The field membrane felts are placed over up to the fixture sides to conform with the rest of the roof. The asbestos, if found, is in the layers of bull/pitch, tar, or may be in the flashing felts themselves.

NESHAP CATEGORIES FOR ACM

Regulated ACM (RACM)

All ACM that is friable or likely to become friable during renovation or demolition activities is considered to be RACM. These materials must be removed from buildings prior to renovation or demolition activities that will disturb them.

Category I Nonfriable ACM

Resilient flooring, such as vinyl floor tile and rolled vinyl sheeting, valve packings and gaskets, and asphalt (bituminous) roofing materials are all classified as Category I Nonfriable materials. If these materials are in good condition, they are not likely to become friable during demolition, and therefore, may remain in place for demolition. However, these materials must be removed prior to renovations if the renovation involves alteration that would render them friable.

Category II Nonfriable ACM

Category II materials are all other nonfriable materials that are not classified as Category I. Asbestos cement products and plaster are the most common types of Category II materials. Most Category II materials are likely to become friable during demolition, and therefore, must be removed prior to demolition. These materials must be removed prior to renovations if the renovation involves alteration that would render them friable.

APPENDIX B

LABORATORY ANALYSIS REPORT
PLM RESULTS

AAL
American Asbestos Laboratories

Friday, Jun 29 2012, 2:44 PM

REPORT

SENT TO: CH2M HILL
6410 5TH STREET, SUITE 2A
KEY WEST, FL 33040
ANDREW SMYTH

Phone: 305-294-1645 *Fax:* 305-294-4913
Email: asmyth@ch2m.com

Thank you for your business.

PREPARED BY: AAL
Asbestos Department
5005 WEST LAUREL STREET
SUITE 110
TAMPA, FL 33607
NVLAP Code 101775
(813) 287-1005

Analysis: *Polarized Light Microscopy (PLM) with dispersion staining techniques according to the United States (US) Environmental Protection Agency (EPA) "Method for the Determination of Asbestos in Bulk Building Materials", EPA/600/R-93-116, July 1993.*

Sample Type: *BULK*
# of Samples: 55

Work Order# T1206102
AAL Project# 2012-2373
Project: GLYNN ARCHER ES: BLDG A

Date in: Tuesday, June 26, 2012
Date out: Friday, Jun 29 2012
Transported: FEDEX
Sampled by: R.G.
Received by: KIA

Authorized Analyst
KHANDAKER ANAM

Laboratory Manager
KHANDAKER ANAM

Due to the small size of asbestos fibers associated with vinyl floor tiles, TEM analysis is recommended for all floor tiles containing <1% or no detectable asbestos by visual estimation.

AAL

LABORATORY BULK SAMPLE ANALYSIS REPORT

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206102

Samples were analyzed in accordance with the Interim Method as described in 40 CFR, Part 763, Vol. 52, No. 210

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
01 A	KIA	GREY/BROWN PLASTER SYSTEM	HALL CEILING @102	062012RG01			NO ASBESTOS DETECTED				1 - 2
01 B	KIA	GREY/BROWN PLASTER SYSTEM	HALL CEILING @ENTRY	062012RG02			NO ASBESTOS DETECTED				1 - 2
01 C	KIA	GREY/BROWN PLASTER SYSTEM	HALL CEILING @100/103	062012RG03			NO ASBESTOS DETECTED				1 - 2
01 D	KIA	GREY/BROWN PLASTER SYSTEM	HALL WALL @103	062012RG04			NO ASBESTOS DETECTED				1 - 2
01 E	KIA	GREY/BROWN PLASTER SYSTEM	HALL WALL @OFFICE	062012RG05			NO ASBESTOS DETECTED				1 - 2
01 F	KIA	GREY/BROWN PLASTER SYSTEM	WALL @GIRLS ROOM	062012RG06			NO ASBESTOS DETECTED				1 - 2
02 A	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN RM 100	062012RG07			NO ASBESTOS DETECTED				1 - 2
02 B	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN RM 103	062012RG08			NO ASBESTOS DETECTED				1 - 2
02 C	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN RM 119G	062012RG09			NO ASBESTOS DETECTED				1 - 2
02 D	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN RM 202	062012RG10			NO ASBESTOS DETECTED				1 - 2
02 E	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN RM 205	062012RG11			NO ASBESTOS DETECTED				1 - 2
02 F	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN RM 203	062012RG12			NO ASBESTOS DETECTED				1 - 2

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206102

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
02 G	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN RM 204	*062012RG13*			NO ASBESTOS DETECTED				1 - 2
02 H	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN RM 212	*062012RG14*			NO ASBESTOS DETECTED				1 - 2
02 I	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN RM 200	*062012RG15*			NO ASBESTOS DETECTED				1 - 2
02 J	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN RM 213	*062012RG16*			NO ASBESTOS DETECTED				1 - 2
03 A	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN HALL NW	*062012RG17*			NO ASBESTOS DETECTED				1 - 2
03 B	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN HALL SE	*062012RG18*			NO ASBESTOS DETECTED				1 - 2
03 C	KIA	GREY/BROWN PLASTER SYSTEM	WALL IN BOYS 124	*062012RG19*			NO ASBESTOS DETECTED				1 - 2
03 D	KIA	GREY/BROWN PLASTER SYSTEM	CEILING @212	*062012RG20*			NO ASBESTOS DETECTED				1 - 2
04 A	KIA	WHITE/RED 2'X4' DOT FURROW RED BACK CT	HALL @102	*062012RG21*			NO ASBESTOS DETECTED				60 - 70
04 B	KIA	WHITE/RED 2'X4' DOT FURROW RED BACK CT	HALL @MAIN OFFICE	*062012RG22*			NO ASBESTOS DETECTED				60 - 70
04 C	KIA	WHITE/RED 2'X4' DOT FURROW RED BACK CT	HALL @100	*062012RG23*			NO ASBESTOS DETECTED				60 - 70
04 D	KIA	WHITE/RED 2'X4' DOT FURROW RED BACK CT	HALL @102	*062012RG24*			NO ASBESTOS DETECTED				60 - 70
04 E	KIA	WHITE/RED 2'X4' DOT FURROW RED BACK CT	HALL @124	*062012RG25*			NO ASBESTOS DETECTED				60 - 70
05 A	KIA	WHITE 2'X4' DOT DOT CEILING TILE	MAIN OFFICE 119	*062012RG26*			NO ASBESTOS DETECTED				60 - 70

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206102

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
06 A	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	GIRLS ROOM	*062012RG27*			NO ASBESTOS DETECTED				60 - 70
06 B	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	M/O 119	*062012RG28*			NO ASBESTOS DETECTED				60 - 70
06 C	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	HALL @102	*062012RG29*			NO ASBESTOS DETECTED				60 - 70
06 D	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 100	*062012RG30*			NO ASBESTOS DETECTED				60 - 70
06 E	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 103	*062012RG31*			NO ASBESTOS DETECTED				60 - 70
06 F	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 203	*062012RG32*			NO ASBESTOS DETECTED				60 - 70
06 G	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 205	*062012RG33*			NO ASBESTOS DETECTED				60 - 70
06 H	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 119F	*062012RG34*			NO ASBESTOS DETECTED				60 - 70
06 I	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 102	*062012RG35*			NO ASBESTOS DETECTED				60 - 70
07 A	KIA	WHITE/TAN 1'X1' CEILING TILE	HALL @100	*062012RG36*			NO ASBESTOS DETECTED				20 - 25
07 B	KIA	WHITE/TAN 1'X1' CEILING TILE	HALL @102	*062012RG37*			NO ASBESTOS DETECTED				20 - 25
07 C	KIA	WHITE/TAN 1'X1' CEILING TILE	HALL @103	*062012RG38*			NO ASBESTOS DETECTED				20 - 25
07 D	KIA	WHITE/TAN 1'X1' CEILING TILE	HALL @202	*062012RG39*			NO ASBESTOS DETECTED				20 - 25

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206102

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
07 E	KIA	WHITE/TAN 1'X1' CEILING TILE	HALL@203	*062012RG40*			NO ASBESTOS DETECTED				20 - 25
07 F	KIA	WHITE/TAN 1'X1' CEILING TILE	HALL @205	*062012RG41*			NO ASBESTOS DETECTED				20 - 25
07 G	KIA	WHITE/TAN 1'X1' CEILING TILE	HALL @212	*062012RG42*			NO ASBESTOS DETECTED				20 - 25
08 A	KIA	BEIGE/GREEN EXT. STUCCO W/APINT	FLR 1 @NE CORNER	*062012RG43*			NO ASBESTOS DETECTED				1 - 2
08 B	KIA	BEIGE/GREEN EXT. STUCCO W/APINT	FLR 1 @NE WALL	*062012RG44*			NO ASBESTOS DETECTED				1 - 2
08 C	KIA	BEIGE/GREEN EXT. STUCCO W/APINT	FLR 1 @SE DOOR	*062012RG45*			NO ASBESTOS DETECTED				1 - 2
08 D	KIA	BEIGE/GREEN EXT. STUCCO W/APINT	FLR 1 @EAST ENTRY	*062012RG46*			NO ASBESTOS DETECTED				1 - 2
08 E	KIA	BEIGE/GREEN EXT. STUCCO W/APINT	FLR 1 @FRONT NW	*062012RG47*			NO ASBESTOS DETECTED				1 - 2
08 F	KIA	BEIGE/GREEN EXT. STUCCO W/APINT	FLR 1 @NW DOOR	*062012RG48*			NO ASBESTOS DETECTED				1 - 2
08 G	KIA	BEIGE/GREEN EXT. STUCCO W/APINT	FLR 1 @WEST DOOR	*062012RG49*			NO ASBESTOS DETECTED				1 - 2
08 H	KIA	BEIGE/GREEN EXT. STUCCO W/APINT	FLR 1 @NW FIRE ESC	*062012RG50*			NO ASBESTOS DETECTED				1 - 2
09 A	KIA	BEIGE/GREEN EXT. STUCCO W/APINT	FLR 2 @NE FIRE ESC	*062012RG51*			NO ASBESTOS DETECTED				1 - 2
09 B	KIA	BEIGE/GREEN EXT. STUCCO W/APINT	FLR 2 @NW FIRE ESC	*062012RG52*			NO ASBESTOS DETECTED				1 - 2
09 C	KIA	BEIGE/GREEN EXT. STUCCO W/APINT	FLR 2 @WEST WALKWAY	*062012RG53*			NO ASBESTOS DETECTED				1 - 2

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206102

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
10 A	KIA	GREY WINDOW GLAZING	FLR 1 @NW FRONT	*062012RG54*			NO ASBESTOS DETECTED				1 - 2
10 B	KIA	GREY WINDOW GLAZING	FLR 1 @NE ENTRY	*062012RG55*			NO ASBESTOS DETECTED				0 - 0

Quality Control Officer

Analytical results pertain only to the sample(s) analyzed. All Samples analyzed were acceptable for analysis.

ABBREVIATIONS: ANA = Analyst; ASB = Asbestos; CHRY = Chrysotile; AMOS = Amosite; CROC = Crocidolite; TERM = Term/Act; ANTH = Anthophylite; ACT = Actinolite; AL = Aluminum; BLK = Black; BACK = Backing; BL = Blue; BRN = Brown; C = Cellulose; CALC = Calcareous; CPT = Carpet; CTL = Ceiling Tile; CEM = Cement; COV = Cover; DEB = Debris; FG = Fiberglass; FIB = Fibrous; MAS = Mastic; MAT = Material; MIC = Micaceous; MW = Mineral Wool; ORG = Orange; PAI = Paint; PAP = Paper; PL = Plaster; PLAS = Plastic; PWDR = Powder; RCF = Refractory Ceramic Fiber; RUB = Rubber; SIL = Silver; SR = Sheet Rock; S = Synthetic; SUB = Substance; TEXT = Textured; TR = Trace; TRAN = Transite; TERM = Tremolite; VERM = Vermiculite; VYL = Vinyl; W = Wollastonite; WH = White; YEL = Yellow.

TD206102

1/4

EE&G

EE&G Environmental Services, LLC
5751 Miami Lakes Drive East
Miami Lakes, Florida 33014

BULK TRANSMITTAL FORM
CHAIN OF CUSTODY

CLIENT: CH2M HILL

CLIENT CONTACT: ANDREW SMYTH

DATE COLLECTED: 062012

DATE SENT: 062512

STOP AT FIRST POSITIVE: Y (N) (circle one)

PROJECT: GLYNN ARCHER ES: BLDG A

PROJECT NO./BILL GROUP: 2012-2373/IH

PROJECT PHASE: ACM SURV

DATE VERBAL NEEDED: 0706

DATE WRITTEN NEEDED: 0706 PM

SAMPLE PREFIX 062012RC

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. 01	greybrown	plaster system	hall ceiling @ 102
2. 2			entry
3. 3			100/103
4. 4			hall wall @ 103
5. 5			office
6. 6			wall girls room
7. 7			wall in Rm 100
8. 8			103
9. 9			118
10. 10			202
11. 11			205
12. 12			203
13. 13			204
14. 14			212
15. 15			200
16. 16			213
17. 17			hall NW
18. 18			hall SE
19. 19			boys 124
20. 20			ceiling @ 212

CHAIN OF CUSTODY: DATE/TIME	PRINT NAME/SIGNATURE	PURPOSE
062012		
062012		

C= Collection T= Transportation A= Analysis

RECEIVED
JUN 26 2012
C T A

TM66C

EE&G

CONTINUATION OF BULK TRANSMITTAL FORM CHAIN OF CUSTODY

CLIENT: CH2M Hill

SAMPLE PREFIX 062012RG

PROJECT NO./BILL GROUP: 237314 SURV

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. 21	white/red	2x4' dot furrow red brick CT	hall @ 102
2. 22			hall @ MAINOF
3. 23			hall @ 100
4. 24			hall @ 102
5. 25			hall @ 124
6. 26	white	2x4' dot dot CT	main office #119
7. 27	white	2x4 dot furrow CT	girls room
8. 28			M/O 119
9. 29			hall @ 102
10. 30			Rm 102
11. 31			Rm 103
12. 32			Rm 203
13. 33			Rm 205
14. 34			Rm 119E
15. 35			Rm 102
16. 36	white/tan	1x1' stripped CT	hall @ 100
17. 37			102
18. 38			103
19. 39			202
20. 40			203
21. 41			Rm 205
22. 42			Rm 212
23. 43	beige/green	ext. stucco w/paint	Flr 1 @ NE corner
24. 44			1 @ NE wall
25. 45			@ SE door
26. 46			@ E entry
27. 47			@ front NW
28. 48			@ NW door
29. 49			@ W door
30. 50			@ NW fire esc
31. 51			2 @ NE fire Esc
32. 52			2 @ NW fire esc
33. 53			2 @ W walkway
34. 54	grey	window pane glazing	Flr 1 NW front
35. 55			1 NE entry

CHAIN OF CUSTODY: DATE/TIME	PRINT NAME/SIGNATURE	PURPOSE
062012		C T A
062512		C T A
		C T A

C= Collection T= Transportation A= Analysis

AAL
American Asbestos Laboratories

Thursday, Jun 28 2012, 2:42 PM

REPORT

SENT TO: **CH2M HILL**
6410 5TH STREET, SUITE 2A
KEY WEST, FL 33040
ANDREW SMYTH

Phone: 305-294-1645 ***Fax:*** 305-294-4913
Email: asmyth@ch2m.com

Thank you for your business.

PREPARED BY: AAL
Asbestos Department
5005 WEST LAUREL STREET
SUITE 110
TAMPA, FL 33607
NVLAP Code 101775
(813) 287-1005

Analysis: *Polarized Light Microscopy (PLM) with dispersion staining techniques according to the United States (US) Environmental Protection Agency (EPA) "Method for the Determination of Asbestos in Bulk Building Materials", EPA/600/R-93-116, July 1993.*

Sample Type: *BULK*
# of Samples: 66

Work Order# T1206103
AAL Project# 2012-2373
Project: GLYNN ARCHER ES: BLDG A

Date in: Tuesday, June 26, 2012
Date out: Thursday, Jun 28 2012

Transported: FEDEX
Sampled by: R.G.
Received by: KIA

Authorized Analyst
KHANDAKER ANAM

Laboratory Manager
KHANDAKER ANAM

Due to the small size of asbestos fibers associated with vinyl floor tiles, TEM analysis is recommended for all floor tiles containing <1% or no detectable asbestos by visual estimation.

AAL

LABORATORY BULK SAMPLE ANALYSIS REPORT

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206103

Samples were analyzed in accordance with the Interim Method as described in 40 CFR, Part 763, Vol. 52, No. 210

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS	%NON-ASB FIBERS
01 A	KIA	BROWN VINYL BASEBOARD & GLUE	STAIR TREADS NW	062012RG56	NO ASBESTOS DETECTED	1 - 2
					NO ASBESTOS DETECTED IN BEIGE/BLACK GLUE	
02 A	KIA	BLUE VINYL BASEBOARD & GLUE	ROOM 102	062012RG57	NO ASBESTOS DETECTED	1 - 2
					NO ASBESTOS DETECTED IN BEIGE/BLACK GLUE	
03 A	KIA	TAN 12"X12" VFT & BLACK MASTIC	1 HALL @103	062012RG58	NO ASBESTOS DETECTED	1 - 2
*Comments:		NO ASBESTOS DETECTED IN YELLOW GLUE			2-5% CHRYSOTILE DETECTED IN BLACK MASTIC	
03 B	KIA	TAN 12"X12" VFT	1 HALL @WEST FRONT	062012RG59	NO ASBESTOS DETECTED	1 - 2
*Comments:		NO BLACK MASTIC PRESENT			NO ASBESTOS DETECTED IN YELLOW GLUE	
03 C	KIA	TAN 12"X12" VFT	1 HALL @ M/OFFICE	062012RG60	NO ASBESTOS DETECTED	I - 2
*Comments:		NO BLACK MASTIC PRESENT			NO ASBESTOS DETECTED IN YELLOW GLUE	
03 D	KIA	TAN 12"X12" VFT	2 FLR HALL @205	062012RG61	NO ASBESTOS DETECTED	I - 2
*Comments:		NO BLACK MASTIC PRESENT			NO ASBESTOS DETECTED IN YELLOW GLUE	
03 E	KIA	TAN 12"X12" VFT	2 FLR HALL @202	062012RG62	NO ASBESTOS DETECTED	1 - 2
*Comments:		NO BLACK MASTIC PRESENT			NO ASBESTOS DETECTED IN YELLOW GLUE	

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206103

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
03 F	KIA	TAN 12"X12" VFT	2 FLR HALL @204	*062012RG63*	NO ASBESTOS DETECTED						1 - 2
*Comments:		NO BLACK MASTIC PRESENT			NO ASBESTOS DETECTED IN YELLOW GLUE						
04 A	KIA	BLACK VFT	1 HALL @103	*062012RG58A*	2 - 5						1 - 2
					NO ASBESTOS DETECTED IN BLACK FELT						
04 B	KIA	BLACK VFT	1 HALL @ M/OFFICE	*062012RG60A*	_						0 - 0
					STOP AT FIRST POSITIVE, NOT ANALYZED						
04 C	KIA	BLACK VFT	2 FLR HALL @202	*062012RG62A*	_						0 - 0
					STOP AT FIRST POSITIVE, NOT ANALYZED						
04 D	KIA	BLACK VFT	2 FLR HALL @204	*062012RG63A*	_						0 - 0
					STOP AT FIRST POSITIVE, NOT ANALYZED						
05 A	KIA	BROWN CEILING TILE BOARD	1 HALL @WEST FRONT	*062012RG59A*	NO ASBESTOS DETECTED						20 - 25
06 A	KIA	BROWN VFT	2 FLR HALL @205	*062012RG61A*	2 - 5						1 - 2
07 A	KIA	BEIGE 12"X12" VFT	FLR 1 HALL @MAIN	*062012RG64*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
07 B	KIA	BEIGE 12"X12" VFT	FLR 1 HALL @WFTN	*062012RG65*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206103

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
07 C	KIA	BEIGE 12"X12" VFT	FLR 1 HALL @103	*062012RG66*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
08 A	KIA	BLACK VFT	FLR 1 HALL @MAIN	*062012RG64A*	2 - 5						1 - 2
08 B	KIA	BLACK VFT	FLR 1 HALL @103	*062012RG66A*	_						0 - 0
					STOP AT FIRST POSITIVE, NOT ANALYZED						
09 A	KIA	BLACK FELT	FLR 1 HALL @MAIN	*062012RG64B*	NO ASBESTOS DETECTED						10 - 15
09 B	KIA	BLACK FELT	FLR 1 HALL @103	*062012RG66B*	NO ASBESTOS DETECTED						10 - 15
10 A	KIA	BROWN CEILING TILE BOARD	FLR 1 HALL @WFTN	*062012RG65A*	NO ASBESTOS DETECTED						20 - 25
11 A	KIA	BEIGE 12"X12" VFT	FLR 2 HALL @NW	*062012RG67*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
11 B	KIA	BEIGE 12"X12" VFT	FLR 2 HALL @CENTER	*062012RG68*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
11 C	KIA	BEIGE 12"X12" VFT	FLR 2 HALL @SE	*062012RG69*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
12 A	KIA	BROWN VFT & BLACK FELT	FLR 2 HALL @NW	*062012RG67A*	2 - 5						1 - 2
					NO ASBESTOS DETECTED IN BLACK FELT						

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206103

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS CHRY	AMOS	CROC	TREM	ANTH	OTHER	%NON-ASB FIBERS
13 A	KIA	BLACK VFT	FLR 2 HALL @CENTER	062012RG68A	5 - 10						1 - 2
13 B	KIA	BLACK VFT	FLR 2 HALL @SE	062012RG69A	_						10 - 15
					STOP AT FIRST POSITIVE, NOT ANALYZED						
14 A	KIA	WHITE 12"X12" VFT & GLUE	ROOM 200	062012RG70	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
15 A	KIA	LIGHT GREEN 9"X9" VFT & MASTIC	FLR 1 A	062012RG71	2 - 5						1 - 2
					NO ASBESTOS DETECTED IN BLACK MASTIC/FELT						
16 A	KIA	TAN 12"X12" RED STRIPE VFT & GLUE	ROOM 103A	062012RG72	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
16 B	KIA	TAN 12"X12" RED STRIPE VFT & GLUE	ROOM 122A	062012RG73	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
16 C	KIA	TAN 12"X12" RED STRIPE VFT & GLUE	ROOM 120	062012RG74	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
16 D	KIA	TAN 12"X12" RED STRIPE VFT & GLUE	ROOM 202	062012RG75	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
16 E	KIA	TAN 12"X12" RED STRIPE VFT & GLUE	ROOM 203	062012RG76	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206103

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
16 F	KIA	TAN 12"X12" RED STRIPE VFT & GLUE	ROOM 213	*062012RG77*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
17 A	KIA	GREEN 12"X12" VFT & BLACK FELT	ROOM 102	*062012RG78*	2 - 5						1 - 2
							NO ASBESTOS DETECTED IN BLACK FELT				
17 B	KIA	GREEN 12"X12" VFT & BLACK FELT	ROOM 212	*062012RG79*			NO ASBESTOS DETECTED				1 - 2
*Comments:		NO BLACK FELT PRESENT					NO ASBESTOS DETECTED IN YELLOW GLUE				
18 A	KIA	LT GREEN VFT & BLACK FELT	ROOM 212	*062012RG79A*	2 - 5						1 - 2
							NO ASBESTOS DETECTED IN BLACK FELT				
19 A	KIA	LIGHT BLUE 12"X12" VFT & GLUE	ROOM 100	*062012RG80*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
19 B	KIA	LIGHT BLUE 12"X12" VFT & GLUE	ROOM 119 M/O	*062012RG81*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
20 A	KIA	TAN VFT & YELLOW GLUE	ROOM 100	*062012RG80A*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
21 A	KIA	BLUE 12"X12" VFT & GLUE	ROOM A	*062012RG82*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
21 B	KIA	BLUE 12"X12" VFT & GLUE	ROOM 119	*062012RG83*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206103

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
22 A	KIA	TAN VFT & YELLOW GLUE	ROOM A	*062012RG82A*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
23 A	KIA	CREAM 9"X9" VFT W/MASTIC	ROOM 204	*062012RG84*	2 - 5						1 - 2
					NO ASBESTOS DETECTED IN BLACK MASTIC/FELT						
23 B	KIA	CREAM 9"X9" VFT W/MASTIC	ROOM 205	*062012RG85*	_						0 - 0
					STOP AT FIRST POSITIVE, NOT ANALYZED						
24 A	KIA	GREEN 9"X9" VFT W/MASTIC	ROOM 204	*062012RG86*	2 - 5						0 - 0
					NO ASBESTOS DETECTED IN BLACK MASTIC						
25 A	KIA	PINK 9"X9" VFT W/MASIC	ROOM 205	*062012RG87*	2 - 5						1 - 2
					NO ASBESTOS DETECTED IN BLACK MASTIC/FELT						
26 A	KIA	LIGHT GREEN 9"X9" VFT & MASTIC	ROOM 119F U/C	*062012RG88*	2 - 5						1 - 2
					NO ASBESTOS DETECTED IN BLACK MASTIC/FELT						
27 A	KIA	DARK TAN 12"X12" VFT & GLUE	ROOM 120	*062012RG89*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
28 A	KIA	GREY/AQUA 12"X12" VFT & GLUE	ROOM 103A	*062012RG90*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206103

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
29 A	KIA	WHITE 12"X12" VFT & GLUE	ROOM 212	*062012RG91*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
30 A	KIA	LT GREEN VFT & BLACK FELT	ROOM 212	*062012RG91A*	2 - 5						1 - 2
							NO ASBESTOS DETECTED IN BLACK FELT				
31 A	KIA	SKY BLUE 12"X12" VFT & GLUE	ROOM 100	*062012RG92*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
32 A	KIA	TAN VFT & YELLOW GLUE	ROOM 100	*062012RG92A*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
33 A	KIA	BLACK/GREY FELT FIELD MEMBRANE	SOUTH CENTER	*062012RG93*			NO ASBESTOS DETECTED				5 - 10
33 B	KIA	BLACK/GREY FELT FIELD MEMBRANE	ROOF NORTH	*062012RG94*			NO ASBESTOS DETECTED				5 - 10
33 C	KIA	BLACK/GREY FELT FIELD MEMBRANE	ROOF CENTER	*062012RG95*			NO ASBESTOS DETECTED				10 - 20
34 A	KIA	BLACK/GREY EDGE FLASHING	SOUTH EDGE	*062012RG96*			NO ASBESTOS DETECTED				10 - 20
35 A	KIA	BLACK/GREY VTR FLASHING	NORTHEAST	*062012RG97*			NO ASBESTOS DETECTED				10 - 20
36 A	KIA	BLACK/GREY CAP FLASHING/SEALANT	SOUTHEAST WALL	*062012RG98*	5 - 10						5 - 10
36 B	KIA	BLACK/GREY CAP FLASHING/SEALANT	NORTHEAST WALL	*062012RG99*	5 - 10						5 - 10

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG A
Work Order: T1206103

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
36 C	KIA	BLACK/GREY CAP FLASHING/SEALANT	NORTH WALL	*062012RG100*	5 - 10						5 - 10
37 A	KIA	BROWN CEILING TILE GLUE	ROOM A200	*062012RG101*	NO ASBESTOS DETECTED						1 - 2
37 B	KIA	BROWN CEILING TILE GLUE	ROOM A200	*062012RG102*	NO ASBESTOS DETECTED						1 - 2

Quality Control Officer

Analytical results pertain only to the sample(s) analyzed. All Samples analyzed were acceptable for analysis.

ABBREVIATIONS: ANA = Analyst; ASB = Asbestos; CHRY = Chrysotile; AMOS = Amosite; CROC = Crocidolite; TERM = Term/Act; ANTH = Anthophylite; ACT = Actinolite; AL = Aluminum; BLK = Black; BACK = Backing; BL = Blue; BRN = Brown; C = Cellulose; CALC = Calcareous; CPT = Carpet; CTL = Ceiling Tile; CEM = Cement; COV = Cover; DEB = Debris; FG = Fiberglass; FIB = Fibrous; MAS = Mastic; MAT = Material; MIC = Micaceous; MW = Mineral Wool; ORG = Orange; PAI = Paint; PAP = Paper; PL = Plaster; PLAS = Plastic; PWDR = Powder; RCF = Refractory Ceramic Fiber; RUB = Rubber; SIL = Silver; SR = Sheet Rock; S = Synthetic; SUB = Substance; TEXT = Textured; TR = Trace; TRAN = Transite; TERM = Tremolite; VERM = Vermiculite; VYL = Vinyl; W = Wollastonite; WH = White; YEL = Yellow.

TTDD6103

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EE&G

CONTINUATION OF BULK TRANSMITTAL FORM CHAIN OF CUSTODY

CLIENT: CH2M Hill

SAMPLE PREFIX 062012R

PROJECT NO./BILL GROUP: 2-2373 IHSOR

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. 56	brown	vinyl baseboard + glue	stair treads Rm 102
2. 57	blue	12x12" speckled VFT + mastic	1 hall @ 103
3. 58	tan		1 hall @ WFNT
4. 59			1 hall @ M/OFF
5. 60			2 flr hall @ 205
6. 61			202
7. 62			204
8. 63			
9. 64	beige	12" speckled VFT + mastic	Flr 1 hall @ main
10. 65			@ WFTN
11. 66			@ 103
12. 67			Flr 2 hall @ NW
13. 68			C
14. 69			SE
15. 70	white	12" VFT + glue	Rm 200
16. 71	light green	9" VFT + mastic	Flr 1 A
17. 72	tan	12" red stripe VFT + glue	Rm 103 A
18. 73			Rm 122 A
19. 74			Rm 120
20. 75			Rm 262
21. 76			203
22. 77			213
23. 78	green	12x12 VFT + black felt	Rm 102
24. 79			Rm 212
25. 80	light blue	12" VFT + glue	Rm 100
26. 81			119 M/O
27. 82	blue	12" VFT + glue	Rm A
28. 83			Rm 119
29. 84	cream	9x9" VFT w/mastic	Rm 204
30. 85			Rm 205
31. 86	green		Rm 204
32. 87			Rm 205
33. 88	pink		Rm 119F U/C
34. 89	light green & dark tan	12" VFT + glue	Rm 120
35. 90	grey/aqua	12" VFT + glue	Rm 103

CHAIN OF CUSTODY: DATE/TIME

062012

062012

PRINT NAME/SIGNATURE

RECEIVED JUN 26 2012

PURPOSE

C T A

C T A

C T A

C= Collection T= Transportation A= Analysis

T1206103

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EE&G

CONTINUATION OF BULK TRANSMITTAL FORM CHAIN OF CUSTODY

CLIENT: CH2MHILL

SAMPLE PREFIX 060212-

PROJECT NO./BILL GROUP: 2-2373 1H

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. [illegible]			
2. 91	white	12" VFTS tape	Rm 212
3. 92	sky blue	12" VFT tape	Rm 100
4.			
5. 93	blk/grey	felt field memb	south center
6. 94	↓	↓	roof north
7. 95		edge flashing	roof center
8. 96		VTR flashing	south edge
9. 97		cap flash/sealant	NE
10. 98		↓	SE wall
11. 99			NE
12. 102	↓		N ↓
13.			
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35.			

CHAIN OF CUSTODY: DATE/TIME	PRINT NAME/SIGNATURE	PURPOSE
06/2012		C T A
06/2012		C T A
		C T A

C= Collection T= Transportation A= Analysis

RECEIVED JUN 26 2012

AAL
American Asbestos Laboratories

Monday, Jul 2 2012, 4:22 PM

REPORT

SENT TO: CH2M HILL
6410 5TH STREET, SUITE 2A
KEY WEST, FL 33040
ANDREW SMYTH

Phone: 305-294-1645 ***Fax:*** 305-294-4913
Email: asmyth@ch2m.com

Thank you for your business.

PREPARED BY: AAL
Asbestos Department
5005 WEST LAUREL STREET
SUITE 110
TAMPA, FL 33607
NVLAP Code 101775
(813) 287-1005

Analysis: *Polarized Light Microscopy (PLM) with dispersion staining techniques according to the United States (US) Environmental Protection Agency (EPA) "Method for the Determination of Asbestos in Bulk Building Materials", EPA/600/R-93-116, July 1993.*

Sample Type: *BULK*
# of Samples: 59

Work Order# T1206105
AAL Project# 2012-2373
Project: GLYNN ARCHER ES: BLDG B

Date in: Thursday, June 28, 2012
Date out: Monday, Jul 2 2012

Transported: FEDEX
Sampled by: R.G.
Received by: KIA

Authorized Analyst
KHANDAKER ANAM

Laboratory Manager
KHANDAKER ANAM

Due to the small size of asbestos fibers associated with vinyl floor tiles, TEM analysis is recommended for all floor tiles containing <1% or no detectable asbestos by visual estimation.

AAL

LABORATORY BULK SAMPLE ANALYSIS REPORT

CLIENT: CH2M HILL

PROJECT: GLYNN ARCHER ES: BLDG B

Work Order: T1206105

Samples were analyzed in accordance with the Interim Method as described in 40 CFR, Part 763, Vol. 52, No. 210

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
01 A	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 104	062112RG01			NO ASBESTOS DETECTED				1 - 2
01 B	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 105	062112RG02			NO ASBESTOS DETECTED				1 - 2
01 C	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 106	062112RG03			NO ASBESTOS DETECTED				1 - 2
01 D	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 107	062112RG04			NO ASBESTOS DETECTED				1 - 2
01 E	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 108	062112RG05			NO ASBESTOS DETECTED				1 - 2
01 F	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 109B	062112RG06			NO ASBESTOS DETECTED				1 - 2
02 A	KIA	GREY/WHITE PLASTER SYSTEM	CEILING OVER @104	062112RG07			NO ASBESTOS DETECTED				1 - 2
02 B	KIA	GREY/WHITE PLASTER SYSTEM	CEILING OVER @LOBBY	062112RG08			NO ASBESTOS DETECTED				1 - 2
02 C	KIA	GREY/WHITE PLASTER SYSTEM	CEILING OVER @N. HALL	062112RG09			NO ASBESTOS DETECTED				1 - 2
03 A	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 206	062112RG10			NO ASBESTOS DETECTED				1 - 2
03 B	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 207	062112RG11			NO ASBESTOS DETECTED				1 - 2
03 C	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 208	062112RG12			NO ASBESTOS DETECTED				1 - 2

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG B
Work Order: T1206105

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
03 D	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 209	*062112RG13*			NO ASBESTOS DETECTED				1 - 2
03 E	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 210	*062112RG14*			NO ASBESTOS DETECTED				1 - 2
03 F	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 215	*062112RG15*			NO ASBESTOS DETECTED				1 - 2
03 G	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 216	*062112RG16*			NO ASBESTOS DETECTED				1 - 2
03 H	KIA	GREY/WHITE PLASTER SYSTEM	WALL ROOM 217B	*062112RG17*			NO ASBESTOS DETECTED				1 - 2
03 I	KIA	GREY/WHITE PLASTER SYSTEM	WALL CORR CENTER	*062112RG18*			NO ASBESTOS DETECTED				1 - 2
04 A	KIA	GREY/WHITE PLASTER SYSTEM	CEILING HALL @209	*062112RG19*			NO ASBESTOS DETECTED				1 - 2
04 B	KIA	GREY/WHITE PLASTER SYSTEM	CEILING HALL @217	*062112RG20*			NO ASBESTOS DETECTED				1 - 2
04 C	KIA	GREY/WHITE PLASTER SYSTEM	CEILING HALL CENTER	*062112RG21*			NO ASBESTOS DETECTED				1 - 2
05 A	KIA	WHITE 2'X4' DOT FURROW REDBACK CT	HALL @108	*062112RG22*			NO ASBESTOS DETECTED				60 - 70
05 B	KIA	WHITE 2'X4' DOT FURROW REDBACK CT	HALL @109	*062112RG23*			NO ASBESTOS DETECTED				60 - 70
05 C	KIA	WHITE 2'X4' DOT FURROW REDBACK CT	HALL @108	*062112RG24*			NO ASBESTOS DETECTED				60 - 70
06 A	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	HALL @105	*062112RG25*			NO ASBESTOS DETECTED				60 - 70
06 B	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	HALL @104	*062112RG26*			NO ASBESTOS DETECTED				60 - 70

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG B
Work Order: T1206105

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
06 C	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	HALL @108	062112RG27			NO ASBESTOS DETECTED				60 - 70
06 D	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	HALL @109	062112RG28			NO ASBESTOS DETECTED				60 - 70
07 A	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 105	062112RG29			NO ASBESTOS DETECTED				60 - 70
07 B	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 108	062112RG30			NO ASBESTOS DETECTED				60 - 70
07 C	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 121	062112RG31			NO ASBESTOS DETECTED				60 - 70
07 D	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 204	062112RG32			NO ASBESTOS DETECTED				60 - 70
07 E	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 207	062112RG33			NO ASBESTOS DETECTED				60 - 70
07 F	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 208	062112RG34			NO ASBESTOS DETECTED				60 - 70
07 G	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	ROOM 215	062112RG35			NO ASBESTOS DETECTED				60 - 70
08 A	KIA	WHITE/BROWN 1'X1' DOT CEILING TILE	FLR 1 HALL ABOVE NW	062112RG36			NO ASBESTOS DETECTED				60 - 70
08 B	KIA	WHITE/BROWN 1'X1' DOT CEILING TILE	FLR 1 HALL ABOVE CENT	062112RG37			NO ASBESTOS DETECTED				20 - 25
08 C	KIA	WHITE/BROWN 1'X1' DOT CEILING TILE	FLR 1 HALL ABOVE SE	062112RG38			NO ASBESTOS DETECTED				20 - 25
08 D	KIA	WHITE/BROWN 1'X1' DOT CEILING TILE	ROOM 108	062112RG39			NO ASBESTOS DETECTED				20 - 25

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG B
Work Order: T1206105

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
08 E	KIA	WHITE/BROWN 1'X1' DOT CEILING TILE	HALL @216	*062112RG40*			NO ASBESTOS DETECTED				20 - 25
08 F	KIA	WHITE/BROWN 1'X1' DOT CEILING TILE	HALL @211	*062112RG41*			NO ASBESTOS DETECTED				20 - 25
08 G	KIA	WHITE/BROWN 1'X1' DOT CEILING TILE	HALL @208	*062112RG42*			NO ASBESTOS DETECTED				20 - 25
08 H	KIA	WHITE/BROWN 1'X1' DOT CEILING TILE	HALL @207	*062112RG43*			NO ASBESTOS DETECTED				20 - 25
09 A	KIA	CREAM/GREEN EXT. STUCCO W/PAINT	FLR 1 SW	*062112RG44*			NO ASBESTOS DETECTED				1 - 2
09 B	KIA	CREAM/GREEN EXT. STUCCO W/PAINT	FLR 1 WEST ENTRY	*062112RG45*			NO ASBESTOS DETECTED				1 - 2
09 C	KIA	CREAM/GREEN EXT. STUCCO W/PAINT	FLR 1 WEST CENTER	*062112RG46*			NO ASBESTOS DETECTED				1 - 2
09 D	KIA	CREAM/GREEN EXT. STUCCO W/PAINT	FLR 1 EAST ENTRY	*062112RG47*			NO ASBESTOS DETECTED				1 - 2
09 E	KIA	CREAM/GREEN EXT. STUCCO W/PAINT	FLR 1 NORTH WALL	*062112RG48*			NO ASBESTOS DETECTED				1 - 2
09 F	KIA	CREAM/GREEN EXT. STUCCO W/PAINT	FLR 1 SE CORNER	*062112RG49*			NO ASBESTOS DETECTED				1 - 2
09 G	KIA	CREAM/GREEN EXT. STUCCO W/PAINT	FLR 2 SOUTH CENTER	*062112RG50*			NO ASBESTOS DETECTED				1 - 2
09 H	KIA	CREAM/GREEN EXT. STUCCO W/PAINT	FLR 2 SOUTHWEST	*062112RG51*			NO ASBESTOS DETECTED				1 - 2
09 I	KIA	CREAM/GREEN EXT. STUCCO W/PAINT	FLR 2 WEST WW	*062112RG52*			NO ASBESTOS DETECTED				1 - 2

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG B
Work Order: T1206105

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
10 A	KIA	TAN VINYL BASEBOARD & GLUE	ROOM 109	*062112RG53*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BEIGE/BLACK GLUE						
10 B	KIA	TAN VINYL BASEBOARD & GLUE	ROOM 104	*062112RG54*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BEIGE/BLACK GLUE						
10 C	KIA	TAN VINYL BASEBOARD & GLUE	ROOM 209	*062112RG55*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BEIGE/BLACK GLUE						
10 D	KIA	TAN VINYL BASEBOARD & GLUE	ROOM 210	*062112RG56*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BEIGE/BLACK GLUE						
11 A	KIA	GREY VINYL BASEBOARD & GLUE	ROOM 106	*062112RG57*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BEIGE/BLACK GLUE						
12 A	KIA	BROWN VINYL BASEBOARD & GLUE	STAIRS NORTHEAST	*062112RG58*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BEIGE/BLACK GLUE						
13 A	KIA	TAN VINYL BASEBOARD & GLUE	STAIRS NORTHEAST	*062112RG58A*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BEIGE GLUE						

Quality Control Officer

Analytical results pertain only to the sample(s) analyzed. All Samples analyzed were acceptable for analysis.

ABBREVIATIONS: ANA = Analyst; ASB = Asbestos; CHRY = Chrysotile; AMOS = Amosite; CROC = Crocidolite; TERM = Term/Act; ANTH = Anthophylite; ACT = Actinolite; AL = Aluminum; BLK = Black; BACK = Backing; BL = Blue; BRN = Brown; C = Cellulose; CALC = Calcareous; CPT = Carpet; CTL = Ceiling Tile; CEM = Cement; COV = Cover; DEB = Debris; FG = Fiberglass; FIB = Fibrous; MAS = Mastic; MAT = Material; MIC = Micaceous; MW = Mineral Wool; ORG = Orange; PAI = Paint; PAP = Paper; PL = Plaster; PLAS = Plastic; PWDR = Powder; RCF = Refractory Ceramic Fiber; RUB = Rubber; SIL = Silver; SR = Sheet Rock; S = Synthetic; SUB = Substance; TEXT = Textured; TR = Trace; TRAN = Transite; TERM = Tremolite; VERM = Vermiculite; VYL = Vinyl; W = Wollastonite; WH = White; YEL = Yellow.

TD206105

1/3

EE&G

EE&G Environmental Services, LLC
5751 Miami Lakes Drive East
Miami Lakes, Florida 33014

BULK TRANSMITTAL FORM
CHAIN OF CUSTODY

CLIENT: CH2M HILL

PROJECT: GLYNN ARCHER ES: BLDG B

CLIENT CONTACT: ANDREW SMYTH

PROJECT NO./BILL GROUP: 2012-2373/IH -

DATE COLLECTED: 06/21/12

PROJECT PHASE: ACM SURV

DATE SENT: 06/26/12

DATE VERBAL NEEDED: 07/06 PM

STOP AT FIRST POSITIVE: Y (N) (circle one)

DATE WRITTEN NEEDED: 07/06 PM

SAMPLE PREFIX 062112B-

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. 01	gray/white	plaster system	wall Rm 104
2. 2			105
3. 3			106
4. 4			107
5. 5			108
6. 6			104B
7. 7			ceiling over @ 104
8. 8			106 by
9. 9			N wall
10. 10			wall Rm 206
11. 11			207
12. 12			208
13. 13			209
14. 14			210
15. 15			215
16. 16			216
17. 17			217B
18. 18			corr coate
19. 19			ceiling hall @ 209
20. 20			@ 217
21 21			center

CHAIN OF CUSTODY:

DATE/TIME	PRINT NAME/SIGNATURE	PURPOSE
06/21/12		C T A
06/26/12		C T A
		C T A

C= Collection T= Transportation A= Analysis

RECEIVED
JUN 28 2012

T120605

EE&G

CONTINUATION OF BULK TRANSMITTAL FORM CHAIN OF CUSTODY

CLIENT: CH2M Hill

SAMPLE PREFIX 062112R6

PROJECT NO./BILL GROUP: 2373/14

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. 22	white/gray	2x4' dot furrow redbed CT	hall @ 108
2. 23	↓	↓	@ 109
3. 24	↓	↓	@ 105
4. 25	white	2x4' dot furrow CT	hall @ 105
5. 26	↓	↓	@ 104
6. 27	↓	↓	@ 108
7. 28	↓	↓	@ 109
8. 29	↓	↓	Rm 105
9. 30	↓	↓	108
10. 31	↓	↓	(2)
11. 32	↓	↓	204
12. 33	↓	↓	205
13. 34	↓	↓	208
14. 35	↓	↓	215
15. 36	wht/brn	1x1' dot CT	Flr1 hall & lave Nc
16. 37	↓	↓	center
17. 38	↓	↓	SE
18. 39	↓	↓	Rm 108
19. 40	↓	↓	hall @ 216
20. 41	↓	↓	211
21. 42	↓	↓	208
22. cream 43	↓	↓	207
23. 44	green	exter. stucco w/paint	Flr 1 SW
24. 45	↓	↓	w entry
25. 46	↓	↓	w/center
26. 47	↓	↓	E entry
27. 48	↓	↓	N wall
28. 49	↓	↓	SE corner
29. 50	↓	↓	FLR2 s center
30. 51	↓	↓	SW
31. 52	↓	↓	west ww
32. 53	tan	vinyl baseboard tan/blue	Rm 109
33. 54	↓	↓	104
34. 55	↓	↓	209
35. 56	↓	↓	210

CHAIN OF CUSTODY:

DATE/TIME	PRINT NAME/SIGNATURE	PURPOSE
062112		C T A
062612		C (T) A
		C T A

C= Collection T= Transportation A= Analysis

RECEIVED JUN 28 2012

AAL
American Asbestos Laboratories

Monday, Jul 2 2012, 9:56 AM

REPORT

SENT TO:
CH2M HILL
6410 5TH STREET, SUITE 2A
KEY WEST, FL 33040
ANDREW SMYTH

Phone: 305-294-1645 *Fax:* 305-294-4913
Email: asmyth@ch2m.com

Thank you for your business.

PREPARED BY:
AAL
Asbestos Department
5005 WEST LAUREL STREET
SUITE 110
TAMPA, FL 33607
NVLAP Code 101775
(813) 287-1005

Analysis: *Polarized Light Microscopy (PLM) with dispersion staining techniques according to the United States (US) Environmental Protection Agency (EPA) "Method for the Determination of Asbestos in Bulk Building Materials", EPA/600/R-93-116, July 1993.*

Sample Type:	*BULK*	**Date in:**	Thursday, June 28, 2012
# of Samples:	53	**Date out:**	Monday, Jul 2 2012
		Transported:	FEDEX
Work Order#	T1206106	**Sampled by:**	R.G.
AAL Project#	2012-2373	**Received by:**	KIA
Project:	GLYNN ARCHER ES: BLDG B		

Authorized Analyst
KHANDAKER ANAM

Laboratory Manager
KHANDAKER ANAM

Due to the small size of asbestos fibers associated with vinyl floor tiles, TEM analysis is recommended for all floor tiles containing <1% or no detectable asbestos by visual estimation.

AAL

LABORATORY BULK SAMPLE ANALYSIS REPORT

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG B
Work Order: T1206106

Samples were analyzed in accordance with the Interim Method as described in 40 CFR, Part 763, Vol. 52, No. 210

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
01 A	KIA	TAN 12"X12" VFT & MASTIC	FLR 1 CORR SOUTHEAST	062112RG59			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN BROWN MASTIC				
01 B	KIA	TAN 12"X12" VFT & MASTIC	FLR 1 CORR SOUTHWEST	062112RG60			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN BROWN MASTIC				
02 A	KIA	TAN 12"X12" VFT & MASTIC	FLR 2 CORR SOUTHEAST	062112RG61			NO ASBESTOS DETECTED				1 - 2
							2-5% CHRYSOTILE DETECTED IN BLACK MASTIC				
02 B	KIA	TAN 12"X12" VFT & MASTIC	FLR 2 CORR CENTER	062112RG62			NO ASBESTOS DETECTED				1 - 2
							2-5% CHRYSOTILE DETECTED IN BLACK MASTIC				
02 C	KIA	TAN 12"X12" VFT & MASTIC	FLR 2 CORR SOUTHWEST	062112RG63			NO ASBESTOS DETECTED				1 - 2
*Comments:		NO BLACK MASTIC PRESENT					NO ASBESTOS DETECTED IN YELLOW GLUE				
03 A	KIA	BROWN VFT	FLR 2 CORR SOUTHEAST	062112RG61A	2 - 5						1 - 2
03 B	KIA	BROWN VFT	FLR 2 CORR CENTER	062112RG62A	_						0 - 0
							STOP AT FIRST POSITIVE, NOT ANALYZED				
04 A	KIA	BEIGE 12"X12" VFT & GLUE	FLR 1 CORR NORTHEAST	062112RG64			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG B
Work Order: T1206106

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
04 B	KIA	BEIGE12"X12" VFT & GLUE	FLR 1 CORR NORTHWEST	*062112RG65*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
04 C	KIA	BEIGE 12"X12" VFT & GLUE	IN ROOM 104	*062112RG66*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
04 D	KIA	BEIGE 12"X12" VFT & GLUE	IN ROOM 105	*062112RG67*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
04 E	KIA	BEIGE 12"X12" VFT & GLUE	IN ROOM 106	*062112RG68*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
05 A	KIA	GREY LEVELING COMPOUND & BROWN MAS	FLR 1 CORR NORTHEAST	*062112RG64A*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BROWN MASTIC						
05 B	KIA	GREY LEVELING COMPOUND & BROWN MAS	IN ROOM 104	*062112RG66A*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BROWN MASTIC						
06 A	KIA	TAN VFT & BLACK MASTIC	IN ROOM 105	*062112RG67A*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BLACK MASTIC						
07 A	KIA	BEIGE 12"X12" VFT & GLUE	FLR 2 CORR SOUTHEAST	*062112RG69*	NO ASBESTOS DETECTED						1 - 2
*Comments:		NO ASBESTOS DETECTED IN YELLOW GLUE			2-5% CHRYSOTILE DETECTED IN BLACK MASTIC						
07 B	KIA	BEIGE 12"X12" VFT & GLUE	FLR 2 CORR CENTER	*062112RG70*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG B
Work Order: T1206106

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS CHRY	AMOS	CROC	TREM	ANTH	OTHER	%NON-ASB FIBERS
07 C	KIA	BEIGE 12"X12" VFT & GLUE	FLR 2 CORR SOUTHWEST	*062112RG71*			NO ASBESTOS DETECTED				1 - 2
*Comments:		NO ASBESTOS DETECTED IN YELLOW GLUE					2-5% CHRYSOTILE DETECTED IN BLACK MASTIC				
07 D	KIA	BEIGE 12"X12" VFT & GLUE	IN ROOM 209	*062112RG72*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
07 E	KIA	BEIGE 12"X12" VFT & GLUE	IN ROOM 210	*062112RG73*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
08 A	KIA	BROWN VFT	FLR 2 CORR SOUTHEAST	*062112RG69A*	2 - 5						1 - 2
08 B	KIA	BROWN VFT	FLR 2 CORR CENTER	*062112RG71A*			NO ASBESTOS DETECTED				0 - 0
							STOP AT FIRST POSITIVE, NOT ANALYZED				
08 C	KIA	BLACK VFT	FLR 2 CORR SOUTHWEST	*062112RG70A*	2 - 5						1 - 2
09 A	KIA	CREAM 12"X12" VFT & GLUE	ROOM 210	*062112RG74*			NO ASBESTOS DETECTED				1 - 2
10 A	KIA	GREY VFT & BLACK FELT	ROOM 210	*062112RG74A*	2 - 5						1 - 2
							NO ASBESTOS DETECTED IN BLACK FELT				
11 A	KIA	TAN 12"X12" RED STRIPE VFT & GLUE	ROOM 208	*062112RG75*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
11 B	KIA	TAN 12"X12" RED STRIPE VFT & GLUE	ROOM 215	*062112RG76*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				

Report Continued on Next Page

CLIENT: CH2M HILL

PROJECT: GLYNN ARCHER ES: BLDG B

Work Order: T1206106

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
11 C	KIA	TAN 12"X12" RED STRIPE VFT & GLUE	ROOM 209B	*062112RG77*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
12 A	KIA	WHITE 12"X12" VFT & GLUE	ROOM 108	*062112RG78*			NO ASBESTOS DETECTED				1 - 2
							NO ASBESTOS DETECTED IN YELLOW GLUE				
13 A	KIA	BROWN 9"X9" VFT & BLACK MASTIC	ROOM 107	*062112RG79*	2 - 5						1 - 2
							2-5% CHRYSOTILE DETECTED IN BLACK MASTIC				
14 A	KIA	BLACK VFT & BLACK MASTIC	ROOM 107	*062112RG79A*	2 - 5						1 - 2
							2-5% CHRYSOTILE DETECTED IN BLACK MASTIC				
15 A	KIA	RED 9"X9" VFT & BLACK MASTIC	ROOM 215	*062112RG80*	2 - 5						1 - 2
							2-5% CHRYSOTILE DETECTED IN BLACK MASTIC				
16 A	KIA	BLACK VFT & BLACK MASTIC	ROOM 215	*062112RG80A*	2 - 5						1 - 2
							2-5% CHRYSOTILE DETECTED IN BLACK MASTIC				
17 A	KIA	WHITE 9"X9" VFT & BLACK MASTIC	ROOM 206	*062112RG81*	2 - 5						1 - 2
							2-5% CHRYSOTILE DETECTED IN BLACK MASTIC				
17 B	KIA	WHITE 9"X9" VFT & BLACK MASTIC	ROOM 215	*062112RG82*	_						0 - 0
							STOP AT FIRST POSITIVE, NOT ANALYZED				
18 A	KIA	GREEN VFT	ROOM 206	*062112RG81A*	2 - 5						1 - 2

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG B
Work Order: T1206106

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
18 B	KIA	GREEN VFT	ROOM 215	062112RG82A	_						0 - 0
					STOP AT FIRST POSITIVE, NOT ANALYZED						
19 A	KIA	BLACK FELT PAPER	ROOM 206	062112RG81B	NO ASBESTOS DETECTED						10 - 15
20 A	KIA	BLACK VFT & BLACK MASTIC	ROOM 215	062112RG82B	2 - 5						1 - 2
					2-5% CHRYSOTILE DETECTED IN BLACK MASTIC						
21 A	KIA	GREEN 9"X9" VFT & BLACK MASTIC	ROOM 108	062112RG83	5 - 10						1 - 2
21 B	KIA	GREEN 9"X9" VFT & BLACK MASTIC	ROOM 206	062112RG84	_						0 - 0
					STOP AT FIRST POSITIVE, NOT ANALYZED						
21 C	KIA	GREEN 9"X9" VFT & BLACK MASTIC	ROOM 207	062112RG85	_						0 - 0
					STOP AT FIRST POSITIVE, NOT ANALYZED						
22 A	KIA	BLACK FELT PAPER	ROOM 108	062112RG83A	NO ASBESTOS DETECTED						10 - 15
22 B	KIA	BLACK FELT PAPER	ROOM 206	062112RG84A	NO ASBESTOS DETECTED						10 - 15
22 C	KIA	BLACK FELT PAPER	ROOM 207	062112RG85A	NO ASBESTOS DETECTED						10 - 15
23 A	KIA	BLACK/GREY ROOF FELT FIELD MEMBRANE	ROOF NORTH	062112RG86	NO ASBESTOS DETECTED						10 - 20
23 B	KIA	BLACK/GREY ROOF FELT FIELD MEMBRANE	ROOF SOUTH	062112RG87	NO ASBESTOS DETECTED						10 - 20

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG B
Work Order: T1206106

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
23 C	KIA	BLACK/GREY ROOF FELT FIELD MEMBRANE	ROOF CENTER	*062112RG88*			NO ASBESTOS DETECTED				10 - 20
24 A	KIA	BLACK/GREY CAP SEAL FLASHING	CAP SOUTHEAST	*062112RG89*			NO ASBESTOS DETECTED				5 - 10
24 B	KIA	BLACK/GREY CAP SEAL FLASHING	CAP NORTHWEST	*062112RG90*			NO ASBESTOS DETECTED				5 - 10
24 C	KIA	BLACK/GREY CAP SEAL FLASHING	CAP SOUTHWEST	*062112RG91*			NO ASBESTOS DETECTED				5 - 10
25 A	KIA	BLACK/ VTR FLASHING	VENT CENTER	*062112RG92*			NO ASBESTOS DETECTED				10 - 20
26 A	KIA	BLACK VFT	FLR 2 CORR SOUTHWEST	*062112RG63A*	2 - 5						1 - 2

Quality Control Officer

Analytical results pertain only to the sample(s) analyzed. All Samples analyzed were acceptable for analysis.

ABBREVIATIONS: ANA = Analyst; ASB = Asbestos; CHRY = Chrysotile; AMOS = Amosite; CROC = Crocidolite; TERM = Term/Act; ANTH = Anthophylite; ACT = Actinolite; AL = Aluminum; BLK = Black; BACK = Backing; BL = Blue; BRN = Brown; C = Cellulose; CALC = Calcareous; CPT = Carpet; CTL = Ceiling Tile; CEM = Cement; COV = Cover; DEB = Debris; FG = Fiberglass; FIB = Fibrous; MAS = Mastic; MAT = Material; MIC = Micaceous; MW = Mineral Wool; ORG = Orange; PAI = Paint; PAP = Paper; PL = Plaster; PLAS = Plastic; PWDR = Powder; RCF = Refractory Ceramic Fiber; RUB = Rubber; SIL = Silver; SR = Sheet Rock; S = Synthetic; SUB = Substance; TEXT = Textured; TR = Trace; TRAN = Transite; TERM = Tremolite; VERM = Vermiculite; VYL = Vinyl; W = Wollastonite; WH = White; YEL = Yellow.

T1206106

EE&G

CONTINUATION OF BULK TRANSMITTAL FORM CHAIN OF CUSTODY

CLIENT: CH2MHill

SAMPLE PREFIX 062112fr

PROJECT NO./BILL GROUP: 22373 1H

	SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1.	57	grey	vinyl baseboard tglue	Rm 106
2.	58	brown/tan	↓	stairs NE
3.	59	tan	12" speck VFT + bm	flr 1 corr SE
4.	60	↓	↓	↓ NW
5.	61			flr 2 SE
6.	62			↓ center
7.	63			↓ SW
8.	64	beige/crm	12" speckled VFT + glue	flr 1 corr NE
9.	65	↓	↓	↓ NW
10.	66			IN Rm 104
11.	67			↓ 105
12.	68			↓ 106
13.	69			flr 2 corr SE
14.	70			↓ C
15.	71			↓ SW
16.	72			IN Rm 209
17.	73	↓		IN Rm 210
18.	74	cream/grey	12" VFT (2) tglue	Rm 210
19.	75	tan	12" red stripe VFT tglue	Rm 208
20.	76	↓	↓	↓ 215
21.	77			↓ 109B
22.	78	white	12" blue strk VFT tglue	Rm 108
23.	79	brown	9"x9" VFT + blk mstc	Rm 107
24.	80	red	↓	Rm 215
25.	81	wht/green	↓	Rm 206
26.	82	↓	↓	↓ 215
27.	83	green	↓	↓ 109
28.	84	↓	↓	↓ 208
29.	85	↓	↓	↓ 207
30.	86	blk/grey	roof felt + fieldments	roof N
31.	87	↓	↓	↓ S
32.	88	↓	↓	↓ center
33.	89	↓	roof cap seal/flash	cap SE
34.	90	↓	↓	↓ NW
35.	91	↓	↓	↓ SW
	92	↓	VTR flash	vent center

CHAIN OF CUSTODY: DATE/TIME	PRINT NAME/SIGNATURE	PURPOSE
062112		C T A
062212		C T A
		C T A

C= Collection T= Transportation A= Analysis

AAL
American Asbestos Laboratories

Tuesday, Jul 3 2012, 11:09 AM

REPORT

SENT TO:	**CH2M HILL** **6410 5TH STREET, SUITE 2A** **KEY WEST, FL 33040** **ANDREW SMYTH**
PREPARED BY:	AAL Asbestos Department 5005 WEST LAUREL STREET SUITE 110 TAMPA, FL 33607 NVLAP Code 101775 (813) 287-1005

Phone: 305-294-1645 ***Fax:*** 305-294-4913
Email: asmyth@ch2m.com

Thank you for your business.

Analysis: *Polarized Light Microscopy (PLM) with dispersion staining techniques according to the United States (US) Environmental Protection Agency (EPA) "Method for the Determination of Asbestos in Bulk Building Materials", EPA/600/R-93-116, July 1993.*

Sample Type:	*BULK*	***Date in:***	Thursday, June 28, 2012
# of Samples:	46	***Date out:***	Tuesday, Jul 3 2012
		Transported:	FEDEX
Work Order#	T1207001	***Sampled by:***	R.G.
AAL Project#	2012-2373	***Received by:***	KIA
Project:	GLYNN ARCHER ES: AUDITORIUM BLDG		

Authorized Analyst
KHANDAKER ANAM

Laboratory Manager
KHANDAKER ANAM

Due to the small size of asbestos fibers associated with vinyl floor tiles, TEM analysis is recommended for all floor tiles containing <1% or no detectable asbestos by visual estimation.

AAL

LABORATORY BULK SAMPLE ANALYSIS REPORT

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: AUDITORIUM BLDG
Work Order: T1207001

Samples were analyzed in accordance with the Interim Method as described in 40 CFR, Part 763, Vol. 52, No. 210

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
01 A	KIA	GREY/WHITE PLASTER SYSTEM	2ND CEILING NW	062212RG01			NO ASBESTOS DETECTED				1 - 2
01 B	KIA	GREY/WHITE PLASTER SYSTEM	2ND CEILING WEST	062212RG02			NO ASBESTOS DETECTED				1 - 2
01 C	KIA	GREY/WHITE PLASTER SYSTEM	2ND CEILING WC	062212RG03			NO ASBESTOS DETECTED				1 - 2
01 D	KIA	GREY/WHITE PLASTER SYSTEM	WALL SW TECH RM	062212RG04			NO ASBESTOS DETECTED				1 - 2
01 E	KIA	GREY/WHITE PLASTER SYSTEM	WALL SE MECH 117	062212RG05			NO ASBESTOS DETECTED				1 - 2
02 A	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	AUD NORTHEAST	062212RG06			NO ASBESTOS DETECTED				60 - 70
02 B	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	AUD SOUTH	062212RG07			NO ASBESTOS DETECTED				60 - 70
02 C	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	AUD EAST	062212RG08			NO ASBESTOS DETECTED				60 - 70
02 D	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	AUD CENTER	062212RG09			NO ASBESTOS DETECTED				60 - 70
02 E	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	AUD NORTHWEST	062212RG10			NO ASBESTOS DETECTED				60 - 70
02 F	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	AUD SOUTHEAST	062212RG11			NO ASBESTOS DETECTED				60 - 70
02 G	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	AUD NORTH	062212RG12			NO ASBESTOS DETECTED				60 - 70

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: AUDITORIUM BLDG
Work Order: T1207001

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
03 A	KIA	WHITE/TAN 1'X1' DOT CEILING TILE	AUD UPPER NORTH	*062212RG13*			NO ASBESTOS DETECTED				20 - 25
03 B	KIA	WHITE/TAN 1'X1' DOT CEILING TILE	AUD UPPER WEST	*062212RG14*			NO ASBESTOS DETECTED				20 - 25
03 C	KIA	WHITE/TAN 1'X1' DOT CEILING TILE	AUD UPPER SOUTH	*062212RG15*			NO ASBESTOS DETECTED				20 - 25
04 A	KIA	CREAM/GREEN EXT. SUTCCO W/PAINT	SOUTHEAST	*062212RG16*			NO ASBESTOS DETECTED				1 - 2
04 B	KIA	CREAM/GREEN EXT. SUTCCO W/PAINT	SOUTHWEST @117	*062212RG17*			NO ASBESTOS DETECTED				1 - 2
04 C	KIA	CREAM/GREEN EXT. SUTCCO W/PAINT	NE WINDOW 117	*062212RG18*			NO ASBESTOS DETECTED				1 - 2
04 D	KIA	CREAM/GREEN EXT. SUTCCO W/PAINT	NORTHWEST ENTRY	*062212RG19*			NO ASBESTOS DETECTED				1 - 2
04 E	KIA	CREAM/GREEN EXT. SUTCCO W/PAINT	BACK SOUTH WALL	*062212RG20*			NO ASBESTOS DETECTED				1 - 2
05 A	KIA	GREY WINDOW GLAZING	MECH RM 117 WINDOW	*062212RG21*			NO ASBESTOS DETECTED				1 - 2
05 B	KIA	GREY WINDOW GLAZING	MECH RM 117 WINDOW	*062212RG22*			NO ASBESTOS DETECTED				1 - 2
06 A	KIA	GREY CEILING PLASTER SYSTEM	AUD UPPER NORTH	*062212RG23*			NO ASBESTOS DETECTED				1 - 2
06 B	KIA	GREY CEILING PLASTER SYSTEM	AUD UPPER SOUTH	*062212RG24*			NO ASBESTOS DETECTED				1 - 2
07 A	KIA	TAN PEBBLE LINOLEUM	AUD NORTH	*062212RG25*	20 - 25						1 - 2
07 B	KIA	TAN PEBBLE LINOLEUM	AUD CENTER	*062212RG26*	20 - 25						1 - 2

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: AUDITORIUM BLDG
Work Order: T1207001

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
07 C	KIA	TAN PEBBLE LINOLEUM	AUD SOUTH STAGE	*062212RG27*	20 - 25						1 - 2
08 A	KIA	MARRON VFT	AUD NORTH	*062212RG25A*	2 - 5						1 - 2
					NO ASBESTOS DETECTED IN BLACK FELT/MASTIC						
08 B	KIA	MARRON VFT	AUD CENTER	*062212RG26A*	–						0 - 0
					STOP AT FIRST POSITIVE, NOT ANALYZED						
08 C	KIA	MARRON VFT	AUD SOUTH STAGE	*062212RG27A*	–						0 - 0
					STOP AT FIRST POSITIVE, NOT ANALYZED						
09 A	KIA	BLACK FELT PAPER	AUD NORTH	*062212RG25B*	NO ASBESTOS DETECTED						10 - 15
09 B	KIA	BLACK FELT PAPER	AUD CENTER	*062212RG26B*	NO ASBESTOS DETECTED						10 - 15
09 C	KIA	BLACK FELT PAPER	AUD SOUTH STAGE	*062212RG27B*	NO ASBESTOS DETECTED						10 - 15
10 A	KIA	BLACK/GREY ROOF FIELD MEMBRANE	AUD MAIN CENTER	*062212RG28*	NO ASBESTOS DETECTED						5 - 10
10 B	KIA	BLACK/GREY ROOF FIELD MEMBRANE	AUD MAIN S. CENTER	*062212RG29*	NO ASBESTOS DETECTED						5 - 10
10 C	KIA	BLACK/GREY ROOF FIELD MEMBRANE	AUD MAIN NORTHWEST	*062212RG30*	NO ASBESTOS DETECTED						5 - 10
11 A	KIA	BLACK/GREY ROOF FIELD MEMBRANE	WEST WALKWAY	*062212RG31*	NO ASBESTOS DETECTED						5 - 10
11 B	KIA	BLACK/GREY ROOF FIELD MEMBRANE	EAST WALKWAY	*062212RG32*	NO ASBESTOS DETECTED						5 - 10

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: AUDITORIUM BLDG
Work Order: T1207001

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
11 A	KIA	BLACK EDGE FLASHING	AUD MAIN SOUTH	*062212RG33*			NO ASBESTOS DETECTED				5 - 10
12 B	KIA	BLACK EDGE FLASHING	AUD MAIN SE	*062212RG34*			NO ASBESTOS DETECTED				5 - 10
12 C	KIA	BLACK EDGE FLASHING	AUD MAIN NW	*062212RG35*			NO ASBESTOS DETECTED				5 - 10
12 D	KIA	BLACK EDGE FLASHING	EAST WALKWAY NE	*062212RG36*			NO ASBESTOS DETECTED				5 - 10
12 A	KIA	BLACK WALL CURB FLASHING	AUD MAIN NORTHEAST	*062212RG37*			NO ASBESTOS DETECTED				10 - 20
12 B	KIA	BLACK WALL CURB FLASHING	AUD MAIN AC UNIT	*062212RG38*			NO ASBESTOS DETECTED				5 - 10
12 C	KIA	BLACK WALL CURB FLASHING	EAST WALKWAY N.	*062212RG39*			NO ASBESTOS DETECTED				5 - 10
12 D	KIA	BLACK WALL CURB FLASHING	WEST WALKWAY S.	*062212RG40*			NO ASBESTOS DETECTED				5 - 10

Quality Control Officer

Analytical results pertain only to the sample(s) analyzed. All Samples analyzed were acceptable for analysis.

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EE&G Environmental Services, LLC
5751 Miami Lakes Drive East
Miami Lakes, Florida 33014

TDD 700

BULK TRANSMITTAL FORM
CHAIN OF CUSTODY

CLIENT: CH2M HILL
CLIENT CONTACT: ANDREW SMYTH
DATE COLLECTED: 062212
DATE SENT: 062412
STOP AT FIRST POSITIVE: Y (N) (circle one)

PROJECT: GLYNN ARCHER ES: BLDG
PROJECT NO./BILL GROUP: 2012-2373
PROJECT PHASE: ACM SURV
DATE VERBAL NEEDED:
DATE WRITTEN NEEDED: 07

SAMPLE PREFIX 062212RG

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOC
1. 1	grey/wht	plaster system	2nd ceiling
2. 2			
3. 3	white	2X4' dot fissured CT	wall SW to
4. 4			SE me
5. 5			AUD NE
6. 6			S
7. 7			E
8. 8	white/tan	1X1' dot CT	Cente
9. 9			NW
10. 10			SE
11. 11			North
12. 12	green/green	ext. stucco w/paint	AUD upper N
13. 13			W
14. 14			S
15. 15			SE
16. 16			SW @ 117
17. 17			NE window
18. 18			NW entry
19. 19			back SW
20. 20			

CHAIN OF CUSTODY:
DATE/TIME
062212
062612

PRINT NAME/SIGNATURE

RECEIVED
JUN 28 2012

C= Collection T= Transportation A= Analysis

PURPOSE
C T A
C T A
C T A

TDD 1001

EE&G ***CONTINUATION OF BULK TRANSMITTAL FORM CHAIN OF CUSTODY***

CLIENT: CH2M Hill

PROJECT NO./BILL GROUP: 2-2373 HT

SAMPLE PREFIX 062212K

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. 21	grey	window glazing	mech rm 117 wardrobe
2. 22	↓	↓	↓ ↓ ↓
3. 23	grey	cooling plaster system	AUD upper N
4. 24	↓	↓	↓ ↓ S
5. 25	tan/maroon	pebble/no/VFT/mastic	AUD N
6. 26	↓	↓	↓ center
7. 27	↓	↓	↓ S stage
8. 28	blk/grey	roof field membrane	AUD MAIN center
9. 29	↓	↓	↓ S center
10. 30	↓	↓	↓ NW
11. 31	↓	↓	west walkway
12. 32	↓	↓	east walkway
13. 33	↓	↓	AUD MAIN S
14. 34	↓	↓	↓ ↓ SE
15. 35	↓	↓	↓ ↓ NW
16. 36	↓	↓	east walkway NE
17. 37	↓	↓	AUD MAIN NW
18. 38	↓	↓	↓ ↓ AC unit
19. 39	↓	↓	east walkway N
20. 40	↓	↓	west walkway S
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
31.			
32.			
33.			
34.			
35.			

CHAIN OF CUSTODY: DATE/TIME	PRINT NAME/SIGNATURE	PURPOSE
062212		C T A
062612		C T A
		C T A

RECEIVED JUN 28

C= Collection T= Transportation A= Analysis

AAL
American Asbestos Laboratories

Wednesday, Aug 1 2012, 4:37 PM

REPORT

SENT TO: CH2M HILL
6410 5TH STREET, SUITE 2A
KEY WEST, FL 33040
ANDREW SMYTH

Phone: 305-294-1645 *Fax:* 305-294-4913
Email: asmyth@ch2m.com

Thank you for your business.

PREPARED BY: AAL
Asbestos Department
5005 WEST LAUREL STREET
SUITE 110
TAMPA, FL 33607
NVLAP Code 101775
(813) 287-1005

Analysis: *Polarized Light Microscopy (PLM) with dispersion staining techniques according to the United States (US) Environmental Protection Agency (EPA) "Method for the Determination of Asbestos in Bulk Building Materials", EPA/600/R-93-116, July 1993.*

Sample Type:	*BULK*	***Date in:***	Monday, July 23, 2012
# of Samples:	3	***Date out:***	Wednesday, Aug 1 2012
		Transported:	FEDEX
Work Order#	T1208005	***Sampled by:***	R.G.
AAL Project#	2012-2373	***Received by:***	KIA

Project: GLYNN ARCHER ES: BLDG AUDITORIUM

Authorized Analyst
KHANDAKER ANAM

Laboratory Manager
KHANDAKER ANAM

Due to the small size of asbestos fibers associated with vinyl floor tiles, TEM analysis is recommended for all floor tiles containing <1% or no detectable asbestos by visual estimation.

AAL

LABORATORY BULK SAMPLE ANALYSIS REPORT

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG AUDITORIUM
Work Order: T1208005

Samples were analyzed in accordance with the Interim Method as described in 40 CFR, Part 763, Vol. 52, No. 210

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
01 A	KIA	GREY CEILING INSULATION	AUD UPPER 212	071812NS01			NO ASBESTOS DETECTED				85 - 90
01 B	KIA	GREY CEILING INSULATION	AUD UPPER 212	071812NS02			NO ASBESTOS DETECTED				85 - 90
01 C	KIA	GREY CEILING INSULATION	AUD UPPER 212	071812NS03			NO ASBESTOS DETECTED				85 - 90

Quality Control Officer

Analytical results pertain only to the sample(s) analyzed. All Samples analyzed were acceptable for analysis.

ABBREVIATIONS: ANA = Analyst; ASB = Asbestos; CHRY = Chrysotile; AMOS = Amosite; CROC = Crocidolite; TERM = Term/Act; ANTH = Anthophylite; ACT = Actinolite; AL = Aluminum; BLK = Black; BACK = Backing; BL = Blue; BRN = Brown; C = Cellulose; CALC = Calcareous; CPT = Carpet; CTL = Ceiling Tile; CEM = Cement; COV = Cover; DEB = Debris; FG = Fiberglass; FIB = Fibrous; MAS = Mastic; MAT = Material; MIC = Micaceous; MW = Mineral Wool; ORG = Orange; PAI = Paint; PAP = Paper; PL = Plaster; PLAS = Plastic; PWDR = Powder; RCF = Refractory Ceramic Fiber; RUB = Rubber; SIL = Silver; SR = Sheet Rock; S = Synthetic; SUB = Substance; TEXT = Textured; TR = Trace; TRAN = Transite; TERM = Tremolite; VERM = Vermiculite; VYL = Vinyl; W = Wollastonite; WH = White; YEL = Yellow.

T1208005

EE&G Environmental Services, LLC
5751 Miami Lakes Drive East
Miami Lakes, Florida 33014

BULK TRANSMITTAL FORM
CHAIN OF CUSTODY

CLIENT: CH2M HILL

CLIENT CONTACT: ANDREW SMYTH

DATE COLLECTED: 07/19/12

DATE SENT: 07/20/12

STOP AT FIRST POSITIVE: Y (N) (circle one)

PROJECT: GLYNN ARCHER ES: BLDG #AUD

PROJECT NO./BILL GROUP: 2012-2373/IH -

PROJECT PHASE: ACM SURV

DATE VERBAL NEEDED: 07/31/12

DATE WRITTEN NEEDED:

SAMPLE PREFIX 07/19/12MS

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. 01	grey	ceiling insulation	AUD upper on 2/2
2. 02	↓	↓	↓
3. 03	↓	↓	↓
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

CHAIN OF CUSTODY: DATE/TIME	PRINT NAME/SIGNATURE	PURPOSE
07/20/12		C T A
07/20/12		C T A
		C T A

C= Collection T= Transportation A= Analysis

RECEIVED
JUL 23 2012

AAL
American Asbestos Laboratories

Wednesday, Aug 1 2012, 10:07 AM

REPORT

SENT TO: **CH2M HILL**
6410 5TH STREET, SUITE 2A
KEY WEST, FL 33040
ANDREW SMYTH

Phone: 305-294-1645 ***Fax:*** 305-294-4913
Email: asmyth@ch2m.com

Thank you for your business.

PREPARED BY: AAL
Asbestos Department
5005 WEST LAUREL STREET
SUITE 110
TAMPA, FL 33607
NVLAP Code 101775
(813) 287-1005

Analysis: *Polarized Light Microscopy (PLM) with dispersion staining techniques according to the United States (US) Environmental Protection Agency (EPA) "Method for the Determination of Asbestos in Bulk Building Materials", EPA/600/R-93-116, July 1993.*

Sample Type: *BULK*
# of Samples: 77

Work Order# T1207065
AAL Project# 2012-2373
Project: GLYNN ARCHER ES: BLDG C

Date in: Monday, July 16, 2012
Date out: Wednesday, Aug 1 2012
Transported: FEDEX
Sampled by: R.G.
Received by: KIA

Authorized Analyst
KHANDAKER ANAM

Laboratory Manager
KHANDAKER ANAM

Due to the small size of asbestos fibers associated with vinyl floor tiles, TEM analysis is recommended for all floor tiles containing <1% or no detectable asbestos by visual estimation.

AAL

LABORATORY BULK SAMPLE ANALYSIS REPORT

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG C
Work Order: T1207065

Samples were analyzed in accordance with the Interim Method as described in 40 CFR, Part 763, Vol. 52, No. 210

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
01 A	KIA	GREY PLASTER SYSTEM	114A	062112RG-01			NO ASBESTOS DETECTED				1 - 2
01 B	KIA	GREY PLASTER SYSTEM	136	062112RG-02			NO ASBESTOS DETECTED				1 - 2
01 C	KIA	GREY PLASTER SYSTEM	CORR @136	062112RG-03			NO ASBESTOS DETECTED				1 - 2
01 D	KIA	GREY PLASTER SYSTEM	115A	062112RG-04			NO ASBESTOS DETECTED				1 - 2
01 E	KIA	GREY PLASTER SYSTEM	CAFÉ STORES	062112RG-05			NO ASBESTOS DETECTED				1 - 2
01 F	KIA	GREY PLASTER SYSTEM	CAFÉ STORES CEILING	062112RG-06			NO ASBESTOS DETECTED				1 - 2
01 G	KIA	GREY PLASTER SYSTEM	111	062112RG-07			NO ASBESTOS DETECTED				1 - 2
02 A	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	115C SOUTH	062112RG-08			NO ASBESTOS DETECTED				60 - 70
02 B	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	115C NORTH	062112RG-09			NO ASBESTOS DETECTED				60 - 70
02 C	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	112	062112RG-10			NO ASBESTOS DETECTED				60 - 70
02 D	KIA	WHITE 2'X4' DOT FURROW CEILING TILE	114	062112RG-11			NO ASBESTOS DETECTED				60 - 70
03 A	KIA	WHITE/RED 1'X1' DOT CEILING TILE	HALL @136 CAFÉ	062112RG-12			NO ASBESTOS DETECTED				60 - 70

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG C
Work Order: T1207065

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
03 B	KIA	WHITE/RED 1'X1' DOT CEILING TILE	HALL @CAFÉ	*062112RG-13*			NO ASBESTOS DETECTED				20 - 25
03 C	KIA	WHITE/RED 1'X1' DOT CEILING TILE	HALL @112	*062112RG-14*			NO ASBESTOS DETECTED				20 - 25
03 D	KIA	WHITE/RED 1'X1' DOT CEILING TILE	HALL @114	*062112RG-15*			NO ASBESTOS DETECTED				20 - 25
03 E	KIA	WHITE/RED 1'X1' DOT CEILING TILE	HALL @113C	*062112RG-16*			NO ASBESTOS DETECTED				20 - 25
04 A	KIA	GREY/PINK EXT. STUCCO W/PAINT	LIBRARY ROOF NORTH	*062112RG-17*			NO ASBESTOS DETECTED				1 - 2
04 B	KIA	GREY/PINK EXT. STUCCO W/PAINT	LIBRARY ROOF SOUTH	*062112RG-18*			NO ASBESTOS DETECTED				1 - 2
04 C	KIA	GREY/PINK EXT. STUCCO W/PAINT	LIBRARY ROOF NW	*062112RG-19*			NO ASBESTOS DETECTED				1 - 2
04 D	KIA	GREY/PINK EXT. STUCCO W/PAINT	BACK @136D	*062112RG-20*			NO ASBESTOS DETECTED				1 - 2
05 A	KIA	GREY/GREEN EXT. STUCCO W/PAINT	@MENS ROOM	*062112RG-21*			NO ASBESTOS DETECTED				1 - 2
05 B	KIA	GREY/GREEN EXT. STUCCO W/PAINT	SOUTHEAST CORNER	*062112RG-22*			NO ASBESTOS DETECTED				1 - 2
05 C	KIA	GREY/GREEN EXT. STUCCO W/PAINT	SOUTHWEST WINDOW	*062112RG-23*			NO ASBESTOS DETECTED				1 - 2
05 D	KIA	GREY/GREEN EXT. STUCCO W/PAINT	BACK DOOR	*062112RG-24*			NO ASBESTOS DETECTED				1 - 2
05 E	KIA	GREY/GREEN EXT. STUCCO W/PAINT	SOUTHEAST CAFÉ	*062112RG-25*			NO ASBESTOS DETECTED				1 - 2
06 A	KIA	GREY WINDOW GLAZING	SE CAFÉ WINDOW	*062112RG-26*			NO ASBESTOS DETECTED				1 - 2

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG C
Work Order: T1207065

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
06 B	KIA	GREY WINDOW GLAZING	SC WINDOW	*062112RG-27*			NO ASBESTOS DETECTED				1 - 2
06 C	KIA	GREY WINDOW GLAZING	BACK @136D	*062112RG-28*			NO ASBESTOS DETECTED				1 - 2
06 D	KIA	GREY WINDOW GLAZING	EAST CAFÉ	*062112RG-29*			NO ASBESTOS DETECTED				1 - 2
06 E	KIA	GREY WINDOW GLAZING	NORTHWEST	*062112RG-30*			NO ASBESTOS DETECTED				1 - 2
06 F	KIA	GREY WINDOW GLAZING	SOUTHEAST SIDE	*062112RG-31*			NO ASBESTOS DETECTED				1 - 2
07 A	KIA	BLACK/WHITE CHW TSI Layer1: NO ASBESTOS DETECTED IN BLACK FOAMGLASS Layer2: NO ASBESTOS DETECTED IN WHITE WRAP/MASTIC	NW STRAIGHT EXT.	*062112RG-32*			NO ASBESTOS DETECTED				10 - 20
07 B	KIA	BLACK/WHITE CHW TSI Layer1: NO ASBESTOS DETECTED IN BLACK FOAMGLASS Layer2: NO ASBESTOS DETECTED IN WHITE WRAP/MASTIC	NW ELBOW EXT.	*062112RG-33*			NO ASBESTOS DETECTED				5 - 10
08 A	KIA	BLACK/YELLOW CHW TSI Layer1: NO ASBESTOS DETECTED IN BLACK FOAMGLASS Layer2: NO ASBESTOS DETECTED IN WHITE/YELLOW WRAP/MASTIC	NW ELBOW EXT.	*062112RG-34*			NO ASBESTOS DETECTED				1 - 2
08 B	KIA	BLACK/YELLOW CHW TSI Layer1: NO ASBESTOS DETECTED IN BLACK FOAMGLASS Layer2: NO ASBESTOS DETECTED IN WHITE/YELLOW WRAP/MASTIC	NW ELBOW EXT.	*062112RG-35*			NO ASBESTOS DETECTED				1 - 2

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG C
Work Order: T1207065

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
09 A	KIA	GREY 9"X9" VFT & BLACK MASTIC	ROOM 114B	*062112RG-36*	2 - 5						1 - 2
					5-10% CHRYSOTILE DETECTED IN BLACK MASTIC						
09 B	KIA	GREY 9"X9" VFT & BLACK MASTIC	ROOM 133	*062112RG-37*	2 - 5						1 - 2
					5-10% CHRYSOTILE DETECTED IN BLACK MASTIC						
10 A	KIA	GREEN 9"X9" VFT & BLACK MASTIC	ROOM 113C	*062112RG-38*	2 - 5						1 - 2
					5-10% CHRYSOTILE DETECTED IN BLACK MASTIC						
11 A	KIA	PINK 12"X12" VFT & GLUE	ROOM 111	*062112RG-39*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
12 A	KIA	BLUE 12"X12" VFT & GLUE	ROOM 113A	*062112RG-40*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
13 A	KIA	LT BLUE 12"X12" VFT & GLUE	ROOM 113A	*062112RG-40A*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
14 A	KIA	BEIGE 12"X12" VFT & GLUE	CORR @113A	*062112RG-41*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
14 B	KIA	BEIGE 12"X12" VFT & GLUE	CORR @112	*062112RG-42*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
14 C	KIA	BEIGE 12"X12" VFT & GLUE	CORR @114	*062112RG-43*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG C
Work Order: T1207065

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
15 A	KIA	GREEN VFT & BLACK MASTIC	CORR @113A	*062112RG-41A*	2 - 5						1 - 2
					5-10% CHRYSOTILE DETECTED IN BLACK MASTIC						
16 A	KIA	GREY VFT & BLACK MASTIC	CORR @112	*062112RG-42A*	2 - 5						1 - 2
					5-10% CHRYSOTILE DETECTED IN BLACK MASTIC						
17 A	KIA	TAN SPECK 12"X12" VFT & GLUE	CORR @113A	*062112RG-44*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
17 B	KIA	TAN SPECK 12"X12" VFT & GLUE	CORR @112	*062112RG-45*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
17 C	KIA	TAN SPECK 12"X12" VFT & GLUE	CORRIDOR	*062112RG-46*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
18 A	KIA	GREEN VFT & BLACK MASTIC	CORR @113A	*062112RG-44A*	2 - 5						1 - 2
					5-10% CHRYSOTILE DETECTED IN BLACK MASTIC						
19 A	KIA	GREY VFT & BLACK MASTIC	CORR @112	*062112RG-45A*	2 - 5						1 - 2
					5-10% CHRYSOTILE DETECTED IN BLACK MASTIC						
20 A	KIA	BROWN STRIPED 12"X12" VFT & GLUE	114A	*062112RG-47*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG C
Work Order: T1207065

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	ANA	DESCRIPTION	LOCATION	Sample No.	PERCENT ASBESTOS FIBERS						%NON-ASB FIBERS
					CHRY	AMOS	CROC	TREM	ANTH	OTHER	
20 B	KIA	BROWN STRIPED 12"X12" VFT & GLUE	126	*062112RG-48*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
20 C	KIA	BROWN STRIPED 12"X12" VFT & GLUE	CAFETERIA	*062112RG-49*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN YELLOW GLUE						
21 A	KIA	BROWN VINYL BASEBOARD & GLUE	CORR @113	*062112RG-50*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BEIGE GLUE						
21 B	KIA	BROWN VINYL BASEBOARD & GLUE	CORR @115	*062112RG-51*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BEIGE GLUE						
21 C	KIA	BROWN VINYL BASEBOARD & GLUE	CORR @112	*062112RG-52*	NO ASBESTOS DETECTED						1 - 2
					NO ASBESTOS DETECTED IN BEIGE GLUE						
22 A	KIA	BLACK ROOF FIELD MEMBRANE	UPPER NORTH	*062112RG-53*	NO ASBESTOS DETECTED						5 - 10
22 B	KIA	BLACK ROOF FIELD MEMBRANE	UPPER SOUTHWEST	*062112RG-54*	NO ASBESTOS DETECTED						5 - 10
22 C	KIA	BLACK ROOF FIELD MEMBRANE	UPPER CENTER	*062112RG-55*	NO ASBESTOS DETECTED						5 - 10
23 A	KIA	BLACK FILED MEMBRANE	LOWER ESE	*062112RG-56*	NO ASBESTOS DETECTED						5 - 10
23 B	KIA	BLACK FILED MEMBRANE	LOWER WEST	*062112RG-57*	NO ASBESTOS DETECTED						5 - 10
23 C	KIA	BLACK FILED MEMBRANE	LOWER SOUTH	*062112RG-58*	NO ASBESTOS DETECTED						5 - 10

Report Continued on Next Page

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ES: BLDG C
Work Order: T1207065

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	
23 D	KIA	BLACK FILED MEMBRANE	LOWER NORTHWEST	*062112RG-59*			NO ASBESTOS DETECTED				10 - 20
23 E	KIA	BLACK FILED MEMBRANE	LOWER ENE	*062112RG-60*			NO ASBESTOS DETECTED				10 - 20
23 F	KIA	BLACK FILED MEMBRANE	LOWER SSE	*062112RG-61*			NO ASBESTOS DETECTED				5 - 10
24 A	KIA	BLACK EDGE FLAHSING (ROOF)	UPPER NORTHEAST	*062112RG-62*			NO ASBESTOS DETECTED				5 - 10
24 B	KIA	BLACK EDGE FLASHING (ROOF)	UPPER SOUTHWEST	*062112RG-63*			NO ASBESTOS DETECTED				5 - 10
24 C	KIA	BLACK EDGE FLASHING (ROOF)	UPPER SOUTHCENTER	*062112RG-64*			NO ASBESTOS DETECTED				5 - 10
25 A	KIA	BLACK EDGE FLASHING (ROOF)	LOWER SOUTH	*062112RG-65*			NO ASBESTOS DETECTED				5 - 10
25 B	KIA	BLACK EDGE FLASHING (ROOF)	LOWER NORTH	*062112RG-66*			NO ASBESTOS DETECTED				5 - 10
25 C	KIA	BLACK EDGE FLASHING (ROOF)	LOWER SOUTHWEST	*062112RG-67*			NO ASBESTOS DETECTED				5 - 10
26 A	KIA	BLACK WALL CURB FLASHING	SOUTH	*062112RG-68*			NO ASBESTOS DETECTED				10 - 20
26 B	KIA	BLACK WALL CURB FLASHING	NORTH	*062112RG-69*			NO ASBESTOS DETECTED				10 - 20
27 A	KIA	BLACK VTR FLAHSING	SSW	*062112RG-70*			NO ASBESTOS DETECTED				10 - 20
28 A	KIA	BLACK EXHAUST FLASHING	SOUTH	*062112RG-71*			NO ASBESTOS DETECTED				10 - 20
29 A	KIA	BLACK WALL COUNTER FLASHING	NORTHWEST WALL	*062112RG-72*	5 - 10						5 - 10

Report Continued on Next Page

CLIENT: CH2M HILL

PROJECT: GLYNN ARCHER ES: BLDG C

Work Order: T1207065

LABORATORY BULK SAMPLE ANALYSIS REPORT CONTINUED

Dash No.	*ANA*	*DESCRIPTION*	*LOCATION*	*Sample No.*	*PERCENT ASBESTOS FIBERS*						*%NON-ASB FIBERS*
					CHRY	*AMOS*	*CROC*	*TREM*	*ANTH*	*OTHER*	

Quality Control Officer

Analytical results pertain only to the sample(s) analyzed. All Samples analyzed were acceptable for analysis.

ABBREVIATIONS: ANA = Analyst; ASB = Asbestos; CHRY = Chrysotile; AMOS = Amosite; CROC = Crocidolite; TERM = Term/Act; ANTH = Anthophylite; ACT = Actinolite; AL = Aluminum; BLK = Black; BACK = Backing; BL = Blue; BRN = Brown; C = Cellulose; CALC = Calcareous; CPT = Carpet; CTL = Ceiling Tile; CEM = Cement; COV = Cover; DEB = Debris; FG = Fiberglass; FIB = Fibrous; MAS = Mastic; MAT = Material; MIC = Micaceous; MW = Mineral Wool; ORG = Orange; PAI = Paint; PAP = Paper; PL = Plaster; PLAS = Plastic; PWDR = Powder; RCF = Refractory Ceramic Fiber; RUB = Rubber; SIL = Silver; SR = Sheet Rock; S = Synthetic; SUB = Substance; TEXT = Textured; TR = Trace; TRAN = Transite; TERM = Tremolite; VERM = Vermiculite; VYL = Vinyl; W = Wollastonite; WH = White; YEL = Yellow.

TD07065

EE&G Environmental Services, LLC
5751 Miami Lakes Drive East
Miami Lakes, Florida 33014

BULK TRANSMITTAL FORM
CHAIN OF CUSTODY

CLIENT: CH2M HILL

CLIENT CONTACT: ANDREW SMYTH

DATE COLLECTED: 06 21 12

DATE SENT: 06 21 12

STOP AT FIRST POSITIVE: Y (N) (circle one)

PROJECT: GLYNN ARCHER ES: BLDG C

PROJECT NO./BILL GROUP: 2012-2373/IH

PROJECT PHASE: ACM SURV

DATE VERBAL NEEDED: 07 31 12

DATE WRITTEN NEEDED: 07 31 12

SAMPLE PREFIX 06212 MG

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. 01	gray	plaster system	114A
2. 2			136
3. 3			corr @ 136
4. 4			115 A
5. 5			cafe stores
6. 6			cafe stores ceiling
7. 7			111
8. 8	white	2X4' dot furrow CT	115C S
9. 9			115C N
10. 10			112
11. 11			114
12. 12	white/red	1X1' dot CT	hall @ 136 cafe
13. 13			@ cafe
14. 14			@ 112
15. 15			@ 114
16. 16			@ 113C
17. 17	grey/pink	exter. stucco w/paint	library roof N
18. 18			S
19. 19			MW
20. 20			back @ 136D

CHAIN OF CUSTODY:

DATE/TIME	PRINT NAME/SIGNATURE	PURPOSE
0621		C T A
0707		C T A
		C T A

C= Collection T= Transportation A= Analysis

RECEIVED
JUL 16 2012

T120 7065

EE&G

CONTINUATION OF BULK TRANSMITTAL FORM CHAIN OF CUSTODY

CLIENT: CH2M HILL

SAMPLE PREFIX 06212RC

PROJECT NO./BILL GROUP: 2-23731 # SURV

SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1. 21	grey/green	ext. stucco w/pnt	@ mens room
2. 22	↓	↓	SE corner
3. 23	↓	↓	SW window
4. 24	↓	↓	back door
5. 25	↓	↓	NE cafe
6. 26	grey	window glazing	SE cafe window
7. 27	↓	↓	SC window
8. 28	↓	↓	back @ 136
9. 29	↓	↓	East cafe
10. 30	↓	↓	NW
11. 31	↓	↓	SE side
12. 32	black/white	CMU TSI	NW straight ext
13. 33	↓	↓	NW elbow
14. 34	black/yellow	↓	NW elbow
15. 35	↓	↓	↓
16. 36	grey	9x9" VFT + blk mast	Rm 114B
17. 37	↓	↓	↓ 133
18. 38	green	↓	Rm 113C
19. 39	pink	12" VFT + glue	Rm 111
20. 40	blue	2x12" VFT + glue	113A
21. 41	beige	12" VFT + glue	corr @ 113A
22. 42	↓	↓	↓ @ 112
23. 43	↓	↓	↓ @ 114
24. 44	tan	speck 12" VFT + glue	corr @ 113A
25. 45	↓	↓	↓ @ 112
26. 46	↓	↓	↓ corridor
27. 47	brown	12" striped VFT + glue	114A
28. 48	↓	↓	126
29. 49	↓	↓	cafeteria
30. 50	brown	vinyl baseboard + glue	corr @ 113
31. 51	↓	↓	↓ @ 115
32. 52	↓	↓	↓ @ 112
33. 53	black	roof field membrane	upper N
34. 54	↓	↓	SW
35. 55	↓	↓	↓ C

CHAIN OF CUSTODY: DATE/TIME	PRINT NAME/SIGNATURE	PURPOSE
06211		C T A
07/13/11		C T A
		C T A

RECEIVED JUL 18 2011

RECEIVED 2011

C= Collection T= Transportation A= Analysis

7120765

EE&G

CONTINUATION OF BULK TRANSMITTAL FORM CHAIN OF CUSTODY

CLIENT: CH2M HILL

SAMPLE PREFIX 06212R-

PROJECT NO./BILL GROUP: 72373 1H

	SAMPLE NUMBER	COLOR	SAMPLE DESCRIPTION	SAMPLE LOCATION
1.	56	black	field membrane	lower ESE
2.	57	↓	↓	WEST
3.	58			SOUTH
4.	59			NW
5.	60			ENE
6.	61	↓	↓	SSE
7.	62	black	edge flashing (roof)	upper NE
8.	63	↓	↓	SW
9.	64			SE
10.	65	black		lower S
11.	66	↓		N
12.	67	↓	↓	SW
13.	68	black	wall curb flashing	south
14.	69	↓	↓	north
15.	70	black	VPR flashing	SSW
16.	71		exh fan flashing	South
17.	72	↓	wall counter flashing	NW wall
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				
31.				
32.				
33.				
34.				
35.				

CHAIN OF CUSTODY: DATE/TIME	PRINT NAME/SIGNATURE	PURPOSE
06/2/12		C T A
6/3/12		C T A
		C T A

RECEIVED JUN 16 2011

C= Collection T= Transportation A= Analysis

APPENDIX C

FIGURES

ZONING SITE PLAN DATA:

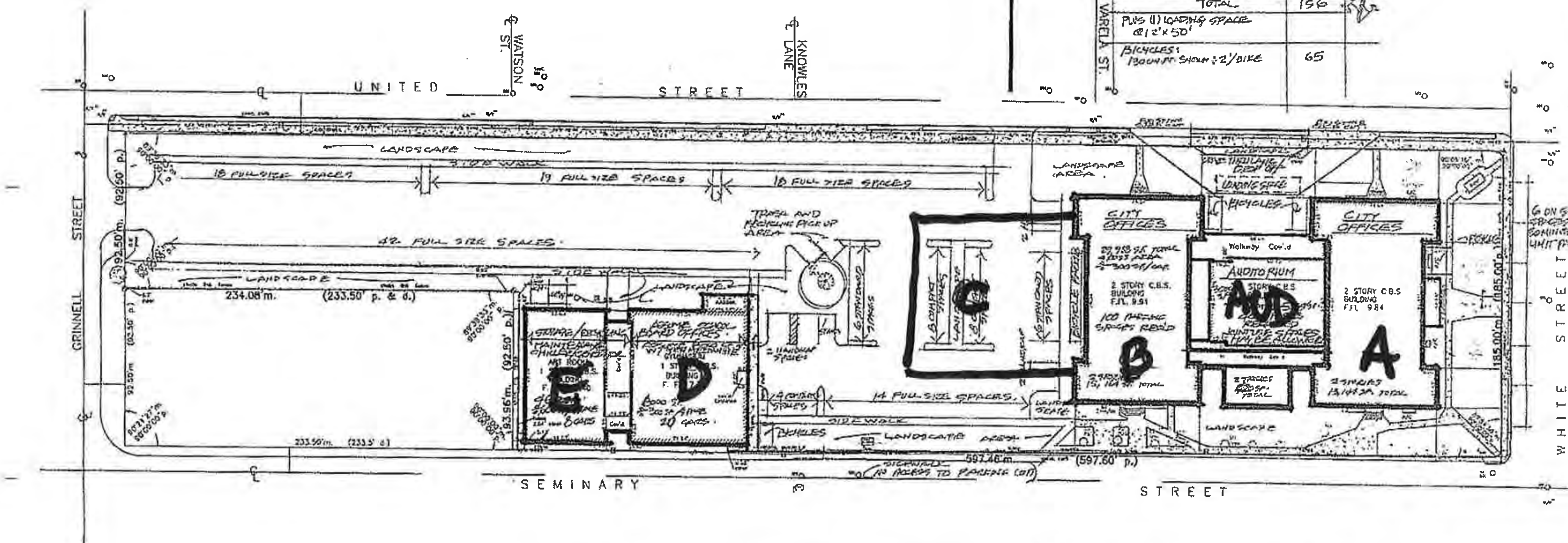
	REQUIRED LDR	PROVIDED
ZONING DESIGNATION	HPS.	
LOT SIZE	4.14 ACRES/5000 SF	132,135 SF/3 ACRES +/-
SETBACKS		
FRONT	20'	53 (+/-)
STREETSIDE	10'	30 (+/-)
REAR	20'/15 @ ALLEY	[illegible]
SIDE	5'	[illegible]
MAXIMUM F.A.R.	1.0	0.33
MAXIMUM BUILDING COVER	40% (53,560 SF)	21.8% (28,500 SF)
MAXIMUM IMPERVIOUS SURFACE (NOTE: TRAVEL LANES ARE IMPERVIOUS, SPACES ARE 50% IMPERVIOUS)	50% (66,078 SF)	49.2% (65,000 SF +/-)

PARKING

LDR REQ'D: OFFICE USES: 120 / STORAGE MAINTENANCE USES: 8 / TOTAL 128 CARS
: AUDITORIUM: 40 SPACES, HOWEVER CODE ALLOWS JOINT USE
TOTAL IF JOINT USE IS NOT RECOGNIZED IS 168 CARS
BICYCLES @ 15% = 64 / OR 84

PROVIDED: (NOTE: PARKING MAY BE REDUCED IN FAVOR OF ADDITIONAL LANDSCAPE)

FULL SIZE SPACES	124
COMPACT SPACES	20
ON STREET, 30 MINUTE TIME LIMIT	6
HANDICAP SPACES	6
TOTAL	156
PLUS (1) LOADING SPACE @ 12' x 50'	
BICYCLES: 130 LIN FT SHOWN ÷ 2'/BIKE	65



SCHEMATIC SITE PLAN 1" = 30'

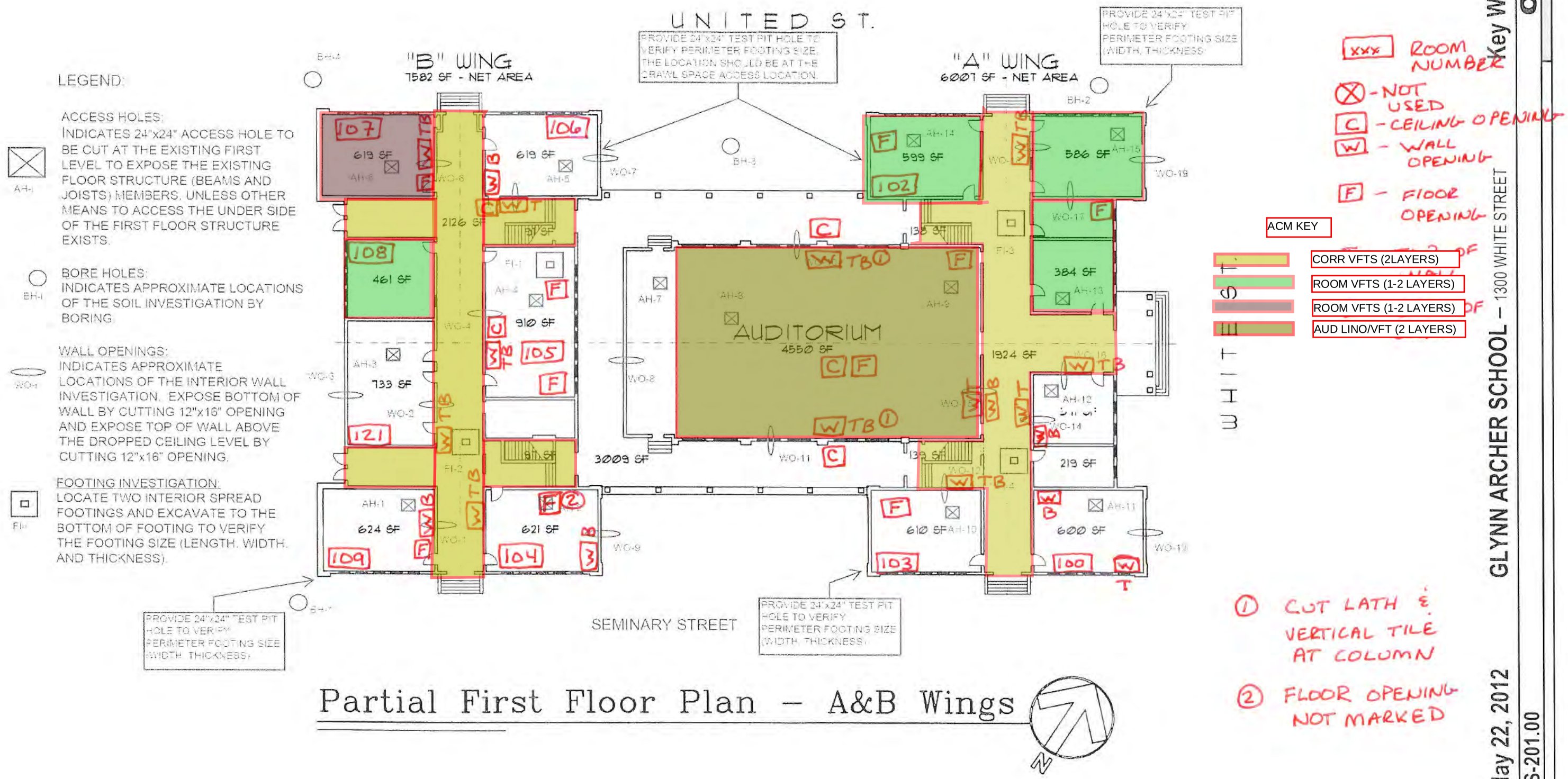
GLYNN ARCHER SCHOOL
WHITE STREET
KEY WEST, FLORIDA

Bender & Associates
ARCHITECTS p.a.

410 Angela Street
Key West, Florida 33040
Telephone (305) 296-1347
Facsimile (305) 296-2727
Florida License AA0002022

OF 30

STRUCTURAL INVESTIGATION
BUILDINGS A & B AND AUDITORIUM - FIRST FLOOR PLAN



Partial First Floor Plan – A&B Wings

XXX ROOM NUMBER
⊗ - NOT USED
C - CEILING OPENING
W - WALL OPENING
F - FLOOR OPENING

ACM KEY

	CORR VFTS (2LAYERS)
	ROOM VFTS (1-2 LAYERS)
	ROOM VFTS (1-2 LAYERS)
	AUD LINO/VFT (2 LAYERS)

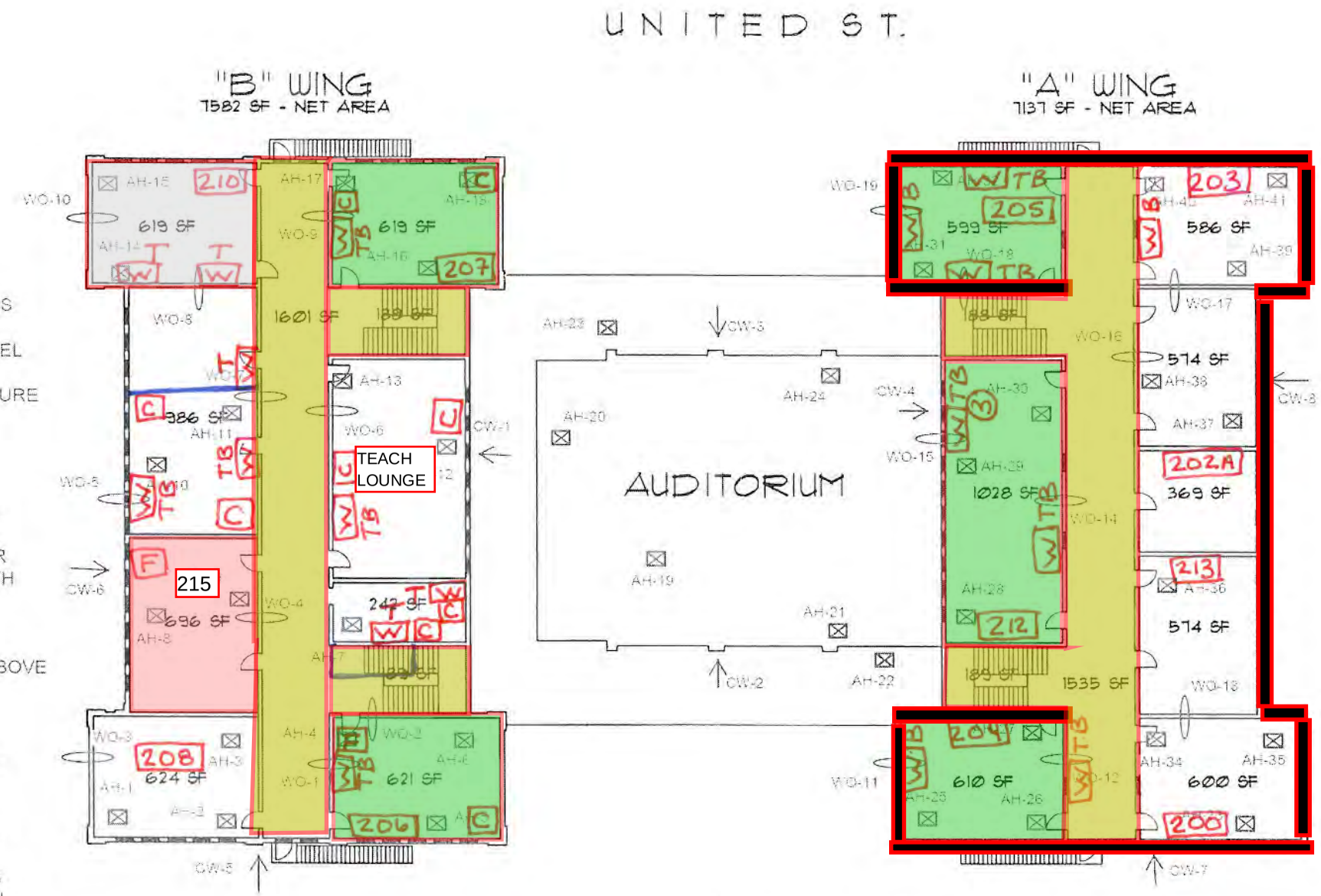
① CUT LATH & VERTICAL TILE AT COLUMN

② FLOOR OPENING NOT MARKED

WHITE ST.

GLYNN ARCHER SCHOOL – 1300 WHITE STREET
Key West - Florida
CH2M Hill
Date: May 22, 2012
Sheet: S-201.00

STRUCTURAL INVESTIGATION
BUILDINGS A & B AND AUDITORIUM - SECOND FLOOR PLAN



LEGEND:

AH-1 — ACCESS HOLES; INDICATES 24"x24" ACCESS HOLE TO BE CUT AT THE EXISTING CEILING OF LEVEL BELOW TO EXPOSE THE EXISTING FLOOR STRUCTURE (BEAMS AND JOISTS) MEMBERS.

CW-1 — CONCRETE WALL INDICATES APPROXIMATE LOCATION OF CONCRETE SAMPLE TO BE TAKEN FOR COMPPRESSIVE STRENGTH AND DETERMINE REINFORCEMENT IN THE CONCRETE WALL. TAKE SAMPLE AT 2 TO 3 FEET ABOVE TOP OF WINDOW.

WO-1 — WALL OPENINGS; INDICATES APPROXIMATE LOCATIONS OF THE INTERIOR WALL INVESTIGATION. EXPOSE BOTTOM OF WALL BY CUTTING 12"x16" OPENING AND EXPOSE TOP OF WALL ABOVE THE DROPPED CEILING LEVEL BY CUTTING 12"x16" OPENING.

ACM KEY

- ROOF CAP/SEALANT
- CORR VFTS (2 LAYERS)
- ROOM VFTS (1-2LAYERS)
- ROOM VFTS (1-2LAYERS)

(3) MAKE 24"x48" WALL OPENING AT BASE

Partial Second Floor Plan – A&B Wings

WHITE ST. – 1300 WHITE STREET

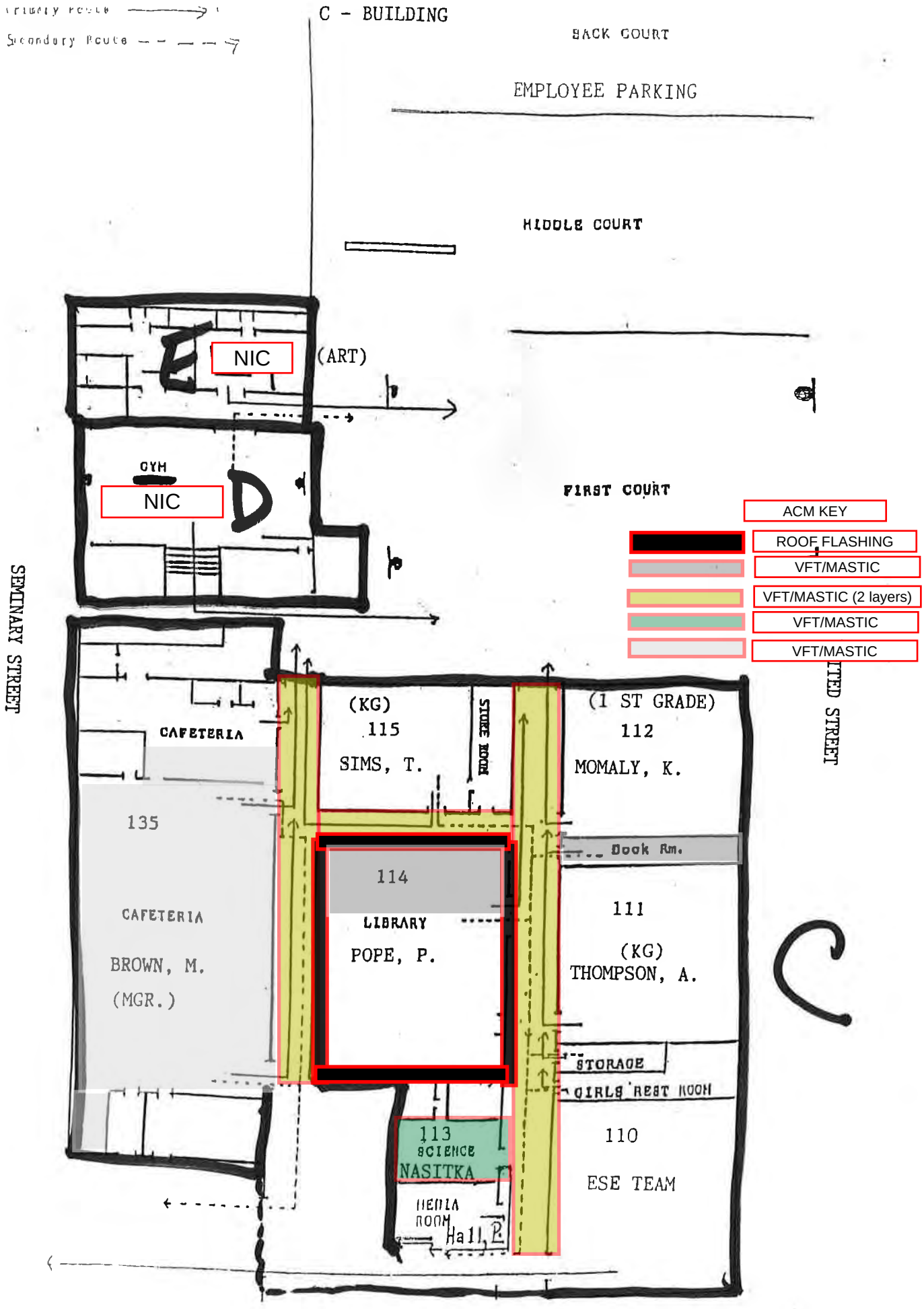
GLYNN ARCHER SCHOOL – 1300 WHITE STREET

Key West - Florida

CH2M Hill

Date: May 22, 2012

Sheet: S-202.00


Primary Route
Secondary Route
C - BUILDING
BACK COURT
EMPLOYEE PARKING
MIDDLE COURT
FIRST COURT
NIC
(ART)
GYM
NIC
SEMINARY STREET
ACM KEY
ROOF FLASHING
VFT/MASTIC
VFT/MASTIC (2 layers)
VFT/MASTIC
VFT/MASTIC
CAFETERIA
135
CAFETERIA
BROWN, M.
(MGR.)
(KG)
115
SIMS, T.
SLIDE ROOM
(1 ST GRADE)
112
MOMALY, K.
Book Rm.
114
LIBRARY
POPE, P.
111
(KG)
THOMPSON, A.
STORAGE
GIRLS REST ROOM
113
SCIENCE
NASITKA
MEDIA ROOM
110
ESE TEAM
Hall

APPENDIX D

INSPECTION PHOTOGRAPHS

Photo 1: Glynn Archer Elementary School @ 1302 White Street, Key West

Photo 2: Typical nonACM 1'x1' ceiling tile on upper plaster ceilings

Photo 3: Typical nonACM 12”x12” beige VFT over Green ACM VFT/mastic

Photo 4: Typical 9” Red/white VFTs with ACM black mastic

Photo 5: Typical ACM 9”x9” VFT

Photo 6: Typical ACM 9”x9” Pink VFT

Photo 7: Typical ACM 9”x9” red and white VFTs in B215

Photo 8: Typical nonACM 2’x4’ white ceiling tiles below nonACM 1x1’ upper ceilings

Photo 9: Typical ACM 9”x9” white and green VFTs in B206

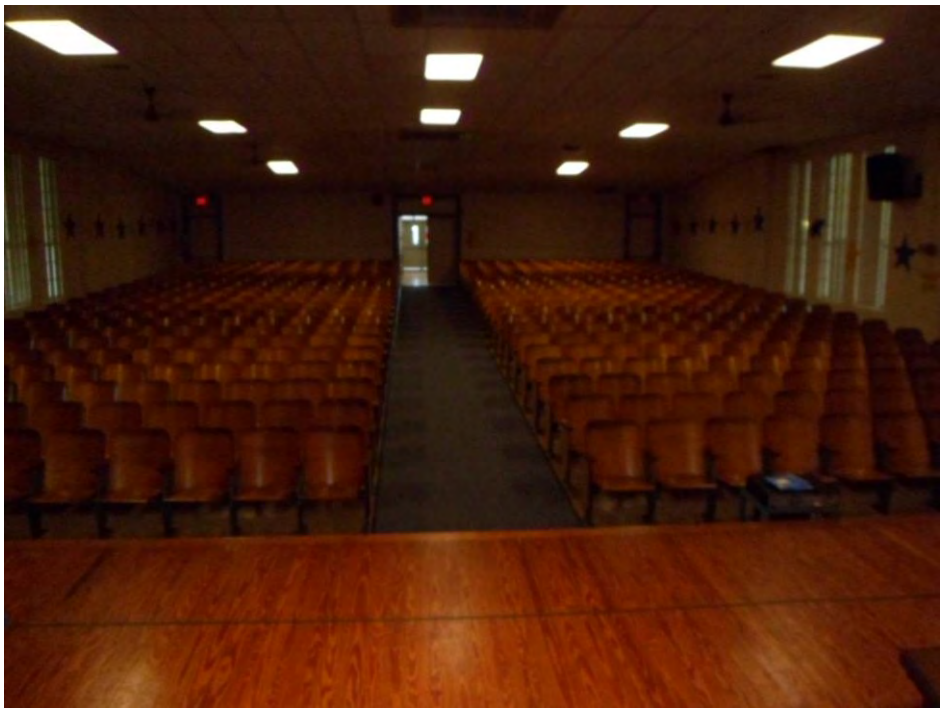


Photo 10: Auditorium – ACM linoleum over ACM maroon VFT under seats

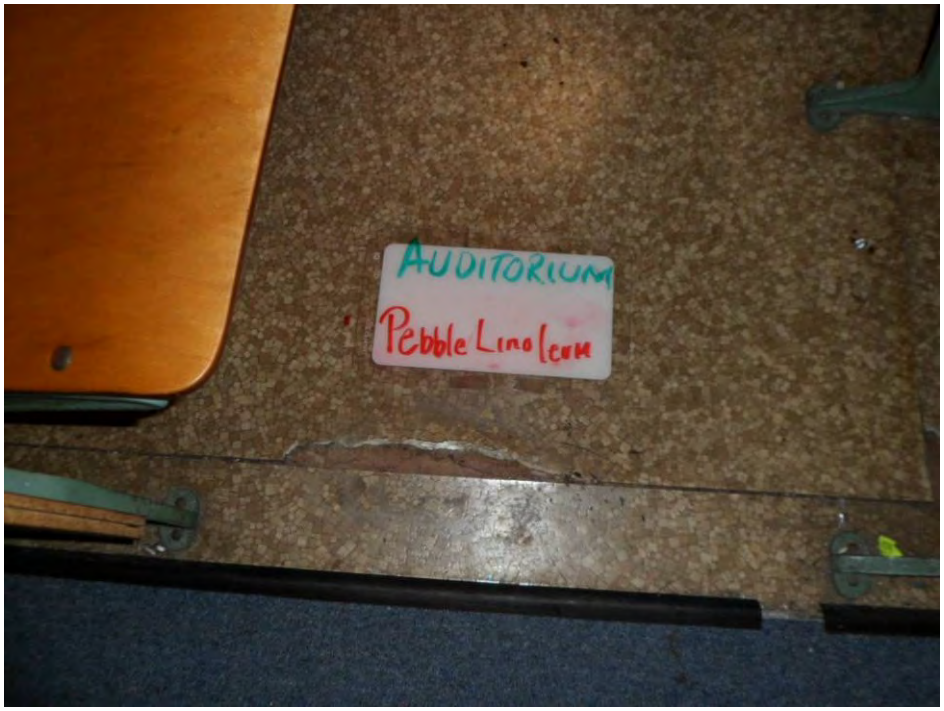


Photo 11: Typical ACM pebble linoleum (top layer)

Photo 12: Typical nonACM 1'x1' brown ceiling tiles on Auditorium upper ceilings

Photo 13: Typical nonACM roof field membrane on Bldgs A, B, Aud, C

Photo 14: ACM VFT/mastic under carpet in office 119F

Photo 15: ACM VFT under newer VFTs in Bldg A main corridors

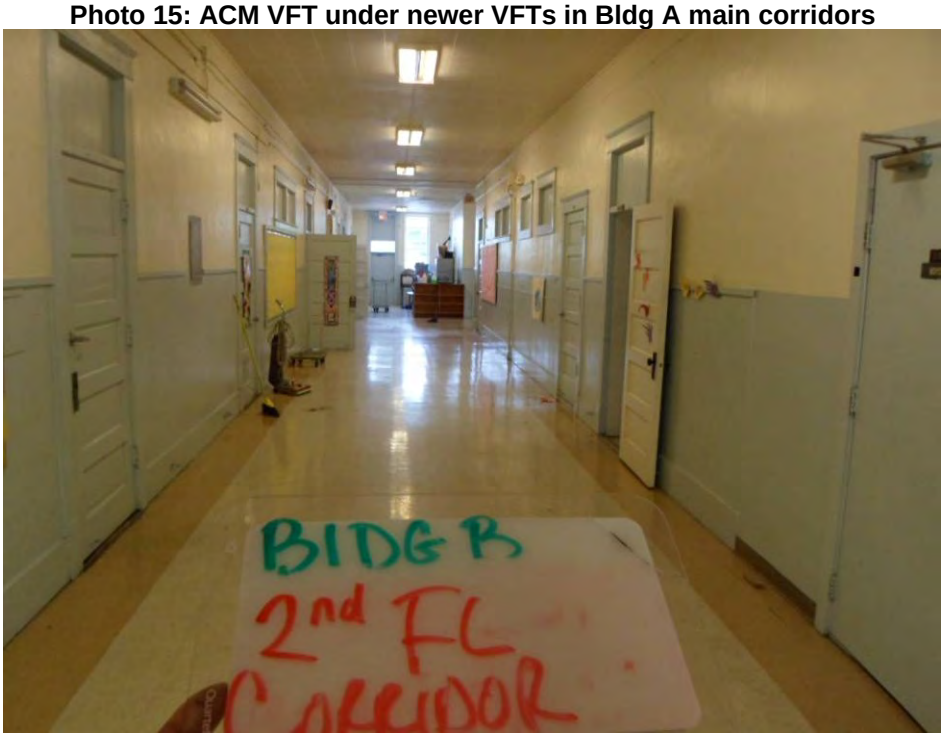


Photo 16: ACM VFT under newer VFTs in Bldg B main corridors

Photo 17: ACM VFT/mastic in C-133

Photo 18: Typical nonACM ceiling tiles in Bldg C corridors

Photo 19: Typical nonACM stucco finish on Aud building.

Photo 20: Typical nonACM 1x1' ceiling tiles and plaster above stage in Aud.

Photo 21: Typical nonACM window glazing on Building C

Photo 22: Typical nonACM TSI on Northside mech complex on Bldg C

Photo 23: Typical nonACM exterior stucco finishes on Bldg A

Photo 24: Typical nonACM exterior stucco finishes on Bldg A

Photo 25: Typical nonACM exterior stucco on Bldg C

Photo 26: Typical ACM mastic under VFT in cafeteria #136 servery areas

Photo 27: Typical ACM mastic under VFT in Cafeteria 135

Photo 28: Typical crawlspace view of Bldg B, no suspect ACMs observed

Photo 29: Typical crawlspace view of Bldg A, no suspect ACMs observed

Photo 30: Typical nonACM glue on 1x1' ceiling tiles

Photo 31: No suspect ACM in kitchen stores

Photo 32: ACM black curb/counterflashing on Bldg C against Library deck

APPENDIX E

CERTIFICATES

M·E·T·A

Mayhew Environmental Training Associates

INCORPORATED

Certificate # 7ME04121208AIR0005

This is to certify that

Hiram Aguiar

has on 4/12/12, in Miami Lakes, FL
completed the requirements for asbestos accreditation under Section 206 of TSCA Title II, 15 U.S.C. 2646

AHERA Asbestos Building Inspector Refresher Course

as approved by the State of Florida and the U.S.E.P.A. under 40 C.F.R. 763 (AHERA)
on 4/12/12 - 4/12/12 and passed the associated examination on 4/12/12
with a score of 70% or better
CM = 0.5

KANSAS MAYHEW INC. 1987 EST. 1985 ENVIRONMENTAL TRAINING ASSOCIATES SAFETY IN GOD ALONE

Provider #: FL49-0001221

Course # : FL49-0004718

Soc. Sec #: XXX-XX-9801

Accreditation Expires: 4/12/13

Instructor
Bill Young

President
Thomas Bradford Mayhew

M E T A - P.O. Box 786 - Lawrence KS 66044 - 800-444-6382

Asbestos Consulting & Training Systems

39388.6861CERT/BIR

900 N.W. 5TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

This is to Certify that

Ramsey Abreu

XXX-XX-4301

17934 SW 154 Ave. , Miami,FL

has successfully completed an English

Asbestos Building Inspection Refresher

14-Oct-11 TO 14-Oct-11

Individual above has completed the requsite training for accreditation under TSCA Title II

Meets state requirements of FL49-0001020/CN-0006273.

NDAAC Provider #451 Trainer(s): James F. Stump

Training Address: 900 Northwest Fifth Ave., Fort Lauderdale, Fl, 33311

Successful course completion based on exam score on: 14-Oct-11

This Certificate Expires:

10/13/12

13-Oct-12

Processed By:

Seagull

To Authenticate Certificate:

www.seagulltraining.com

1-800-966-9933

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 AND 15 U.S.C. 2615), I CERTIFIY THAT THIS TRAINING COMPLIES WITH ALL APPLICABLE REQUIREMENTS OF TITLE IV OF THE "TOXIC SUBSTANCES CONTROL ACT", 40 CFR PART 745 OR 763, AND ANY OTHER APPLICABLE FEDERAL, STATE OR LOCAL REQUIREMENTS, AS AMENDED.

James F. Stump, Course Sponsor

Certificate Number..... 150915

Course Number SE1141

LITHO. IN U.S.A.

Asbestos Consulting & Training Systems

39513.6636CERT/BI

900 N.W. 5TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

This is to Certify that

Sean Nemser

XXX-XX-7752

5724 NE 17th Ave. , Fort Lauderdale,FL

has successfully completed an English

AHERA Building Inspector Course

5-Mar-12 TO 7-Mar-12

Individual above has completed the requsite training for accreditation under TSCA Title II

Meets state requirements of FL49-0001020/CN-0006272.

NDAAC Provider #451 Trainer(s): James F. Stump

Training Address: 900 Northwest Fifth Ave., Fort Lauderdale, Fl, 33311

Successful course completion based on exam score on: 7-Mar-12

This Certificate Expires:

7-Mar-13 03/07/13

Processed By:

Seagull

To Authenticate Certificate:

www.seagulltraining.com

1-800-966-9933

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 AND 15 U.S.C. 2615), I CERTIFY THAT THIS TRAINING COMPLIES WITH ALL APPLICABLE REQUIREMENTS OF TITLE II OF THE "TOXIC SUBSTANCES CONTROL ACT", 40 CFR PART 745 OR 763, AND ANY OTHER APPLICABLE FEDERAL, STATE OR LOCAL REQUIREMENTS, AS AMENDED.

James F. Stump, Course Sponsor

Certificate Number..... 152550

Course Number SE1210

LITHO. IN U.S.A.

M·E·T·A

Mayhew Environmental Training Associates

INCORPORATED

Certificate # 7ME09091101AIR0002

This is to certify that

Richard Grupenhoff

has on 9/9/11, in Miami Lakes, FL
completed the requirements for asbestos accreditation under Section 206 of TSCA Title II, 15 U.S.C. 2646

AHERA Asbestos Building Inspector Refresher Course

as approved by the State of Florida and the U.S.E.P.A. under 40 C.F.R. 763 (AHERA)
on 9/9/11 - 9/9/11 and passed the associated examination on 9/9/11
with a score of 70% or better
CM = 0.5

KANSAS MAYHEW INC. EST. 1985 1987 ENVIRONMENTAL TRAINING ASSOCIATES SAFETY IN GOD ALONE

Provider #: FL49-0001221

Course # : FL49-0004718

Soc. Sec #: XXX-XX-5232

Accreditation Expires: 9/9/12

Instructor
Bill Young

President
Thomas Bradford Mayhew

M E T A - P.O. Box 786 - Lawrence KS 66044 - 800-444-6382

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101775-0

American Asbestos Laboratories, Inc.

Tampa, FL

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

BULK ASBESTOS FIBER ANALYSIS

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

2011-04-01 through 2012-03-31

Effective dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

Sally S. Bruce

For the National Institute of Standards and Technology

NVLAP® National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

American Asbestos Laboratories, Inc.
5005 W. Laurel St., Suite 110
Tampa, FL 33607
Dr. Daniel J. Cottrell
Phone: 813-287-1005 Fax: 813-285-8545
E-Mail: dcottrell@eeandg.com

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 101775-0**

NVLAP Code	*Designation / Description*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2011-04-01 through 2012-03-31
Effective dates

Sally S. Bruce
For the National Institute of Standards and Technology

AC# 5227070

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

SEQ# L10092501299

DATE	BATCH NUMBER	LICENSE NBR
09/25/2010	100120327	DD0000010

The ASBESTOS CONSULTANT
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2012

COTTRELL, DANIEL JOSEPH
6367 SW 44 ST
MIAMI FL 33155-5142

CHARLIE CRIST
GOVERNOR

DISPLAY AS REQUIRED BY LAW

CHARLIE LIEM
SECRETARY

EE&G
Environmental Services, LLC

5751 Miami Lakes Drive
Miami Lakes, Florida 33014
Tel (305) 374-8300
Fax (305) 374-9004
www.eeandg.com

August 17, 2012
EE&G Project No. 2012-2373

Mr. Andrew H. Smyth
CH2M Hill
6410 5th Street, Suite 2A
Key West, Florida 33040

Subject: **Dust Wipe Sampling for Lead**
Glynn Archer Elementary School
Buildings A, B and Auditorium
1302 White Street
Key West, Florida

Dear Mr. Smyth:

At the request of CH2M Hill, EE&G Environmental Services L.L.C. (EE&G) conducted limited lead dust sampling at the subject property. Initial background sampling was conducted on July 16, 2012. Follow-up post testing was conducted on July 24 and 31, 2012. All testing was performed by certified Lead Risk Assessor Hiram Aguiar of EE&G. The purpose of the sampling was to determine the presence of lead in dust on floor surfaces impacted during exploratory engineering studies by CH2M Hill.

METHODS

Wipe samples of dust on various floor surfaces impacted during the renovation at Building A, B, and Auditorium were collected using protocols described by the Department of Housing and Urban Development (HUD), the Environmental Protection Agency (EPA), and the American Society for Testing and Materials (ASTM E 1728). The wipe samples were delivered to EMSL in Cinnaminson, New Jersey, for analysis of total lead by Flame AAS (Method SW 846, 7420). EMSL participates in the American Industrial Hygiene Association's (AIHA) Environmental Lead Laboratory Approval Program.

LIMITATIONS

This report has been prepared by EE&G in a manner consistent with standards exercised by members of the lead inspection profession practicing under similar conditions. No other warranty, expressed or implied is made. The intent of this report is to assist the client in assessing the occurrence of lead in dust. Under no circumstances is this letter to be utilized as a proposal or a project specification document without the written consent of EE&G.

EE&G's interpretations and recommendations are based upon the results of the sample analyses in compliance with environmental regulations, and information provided to EE&G by the client.

This report was prepared solely for the use of EE&G's client, and is not intended for use by third party beneficiaries. The client shall indemnify and hold EE&G harmless against any liability for any loss arising out of or relating to reliance by any third party on any work performed thereunder, or the contents of this report. EE&G will not be held responsible for the interpretation or use by others of data developed pursuant to the compilation of this report, nor for use of segregated portions of this report.

RESULTS

The EPA has established standards for lead in dust under the Residential Lead-Based Paint Hazard Reduction Act of 1992. Acceptable levels for lead in dust are 40 micrograms per square foot (ug/ft^2) for floors, 250 ug/ft^2 for interior window sills, and 400 ug/ft^2 for window troughs. Results of the analyses of three dust wipe samples indicated that all three samples had concentrations below detection limits. The laboratory report for the wipe sample analyses is attached.

CONCLUSIONS AND RECOMMENDATIONS

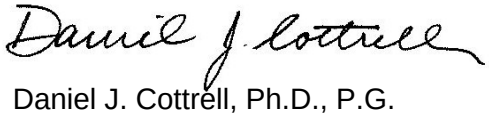
Testing conducted on July 24, 2012 after completion of the renovation work at Glynn Archer Elementary School reported 32 of the 34 dust samples collected had lead concentrations below the detection limit of the laboratory method. One of the 34 samples collected had lead concentrations well below the acceptable clearance levels. Sample #16 collected at Building B in Room 104 had a measured lead concentration of 350 ug/ft^2. This value well exceeds the acceptable level for lead dust on floors. EE&G recommended that room 104 be HEPA-vacuumed, washed, and rinsed with clean water. After the additional cleaning was completed dust samples were collected and sent to EMSL for analysis. Dust samples collected on July 31, 2012 after the additional cleaning reported concentration below laboratories detectable limits. No further action is required, based on these sampling results.

If you have any further questions of concerns regarding this matter, please do not hesitate to contact us at (305) 374-8300.

Submitted by

Hiram Aguiar
EPA Certified Lead Risk Assessor, EE&G

Reviewed by



Daniel J. Cottrell, Ph.D., P.G.
Senior Technical Advisor, EE&G
EPA Certified Lead Risk Assessor

Attachments: Laboratory Reports
Certificates

EMSL LABORATORY REPORT

LEAD IN DUST BY FLAME AAS (SW 846 3050B and 7420)

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-9551
http://www.emsl.com cinnaminsonleadlab@emsl.com

EMSL Order:	201206931
CustomerID:	EEG50
CustomerPO:	
ProjectID:	

Attn: **Hiram Aguiar**
EE & G
5751 Miami Lakes Drive East
Miami Lakes, FL 33014

Phone:	(305) 374-8300
Fax:	
Received:	07/18/12 10:03 AM
Collected:	7/16/2012

Project: **Glynn Archer School**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
1	0001	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 100 Bldg A				
2	0002	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 103 Bldg A				
3	0003	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Fl-1 Corr Bldg A				
4	0004	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Auditorium Bldg A				
5	0005	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: WO-14 Bldg A				
6	0006	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: WO-17 Bldg A				
7	0007	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Fl-1 Corr Bldg A				
8	0008	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 102 Bldg A				
9	0009	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 102 Wall Bldg A				
10	0010	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Fl-1 Corr Wall Bldg A				
11	0011	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Fl-2 Corr Bldg A				
12	0012	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 204 Bldg A				
13	0013	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 212 Bldg A				
14	0014	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 212 Bldg A				
15	0015	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 205 Bldg A				

Julie Smith - Laboratory Director
NJ-NELAP Accredited:04653
or other approved signatory

Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. QC data associated with this sample set is within acceptable limits, unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. * slight modifications to methods applied. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10896, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 07/21/2012 16:19:42

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-9551
http://www.emsl.com cinnaminsonleadlab@emsl.com

EMSL Order:	201206931
CustomerID:	EEG50
CustomerPO:	
ProjectID:	

Attn: **Hiram Aguiar**
EE & G
5751 Miami Lakes Drive East
Miami Lakes, FL 33014

Phone:	(305) 374-8300
Fax:	
Received:	07/18/12 10:03 AM
Collected:	7/16/2012

Project: **Glynn Archer School**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
16	0016	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 205 Bldg A				
17	0017	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 205 Bldg A				
18	0018	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 203 Bldg A				
19	0019	7/16/2012	7/20/2012	144 in²	<10 µg/ft²
	Site: Rm 104 Bldg B				
20	0020	7/16/2012	7/20/2012	144 in²	32 µg/ft²
	Site: Rm 104 Wall Bldg B				
21	0021	7/16/2012	7/19/2012	144 in²	<10 µg/ft²
	Site: Fl-1 Corr Bldg B				
22	0022	7/16/2012	7/19/2012	144 in²	<10 µg/ft²
	Site: Rm 107 Bldg B				
23	0023	7/16/2012	7/19/2012	144 in²	22 µg/ft²
	Site: Rm 109 Bldg B				
24	0024	7/16/2012	7/19/2012	144 in²	<10 µg/ft²
	Site: Rm 105 Bldg B				
25	0025	7/16/2012	7/19/2012	144 in²	<10 µg/ft²
	Site: Rm 105 Walll Bldg B				
26	0026	7/16/2012	7/19/2012	144 in²	<10 µg/ft²
	Site: Rm 106 Bldg B				
27	0027	7/16/2012	7/19/2012	144 in²	<10 µg/ft²
	Site: Rm 210 Bldg B				
28	0028	7/16/2012	7/19/2012	144 in²	<10 µg/ft²
	Site: Rm 207 Bldg B				
29	0029	7/16/2012	7/19/2012	144 in²	<10 µg/ft²
	Site: Rm 206 Bldg B				
30	0030	7/16/2012	7/19/2012	144 in²	<10 µg/ft²
	Site: WA-06 Bldg B				

Julie Smith - Laboratory Director
NJ-NELAP Accredited:04653
or other approved signatory

Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. QC data associated with this sample set is within acceptable limits, unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. * slight modifications to methods applied. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10896, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 07/21/2012 16:19:42

201206931

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* 201206931

EMSL ANALYTICAL, INC.
200 ROUT 130 NORTH
CINNAMINSON, NJ 08077

Company : EE&G Environmental Services, LLC		**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 5751 Miami Lakes Drive			
City: Miami Lakes	**State/Province: FL**	**Zip/Postal Code: 33014**	**Country: USA**
Report To (Name): Hiram Aguiar		**Fax #: 305-374-9004**	
Telephone #: 305-374-8300		**Email Address: Haguiar@eeandg.com**	
Project Name/Number: Glynn Archer School			
Please Provide Results: ☐ Fax ☒ Email	**Purchase Order:**	**U.S. State Samples Taken:**	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hours	☐ 6 Hours	☐ 24 Hours	☐ 48 Hours	☐ 3 Days	☒ 4 Days	☐ 5 Days	☐ 10 Days

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ mg/cm² ☐ % by wt.	SW846-7000B/7420 or AOAC 974.02	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES	0.5 µg/filter	☐
Wipe* ☒ ASTM ☐ non ASTM *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW86-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other:	**Preservation Method (Water):**
Name of Sampler: Hiram Aguiar	**Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
1	RM 100 Bldg. A	12"x12" (1 SF)	7-16-12 1230
2	RM 103		1232
3	F1-1 Comm		1234
4	Auditorium		1235
5	WO -14		1237
6	WO -17		1240

Client Sample #'s	1 -			**Total # of Samples:**	
Relinquished (Client):	Hiram Aguiar	**Date:**		**Time:**	
Received (Lab):		**Date:**	7/18/12	**Time:**	1603 hr Rx
Comments:					

2012 JUL 18 AM 10:03

Controlled Document — Lead (Pb) COC – R1 – 3/18/2009

201206931

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):*

201206931

EMSL ANALYTICAL, INC.
200 ROUT 130 NORTH
CINNAMINSON, NJ
08077
PHONE: (856) 858-4800
FAX: (856) 858-3899

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

	Sample #	Location	Volume/Area	Date/Time Sampled
-7	7	FI-1 Cond Bldg. A	12"x12" (1SF)	7-16-12 1244
-8	8	RM 102		1246
-9	9	RM 102 Wall		1248
-10	10	FI-1 Cond Wall		1252
-11	11	FI-2 Cond		1255
-12	12	RM 204		1259
-13	13	RM 212		1259
-14	14	RM 212		1300
-15	15	RM 205		1305
-16	16	RM 205		1306
-17	17	RM 205		1307
-18	18	RM 203		1310
-19	19	RM 104 Bldg B		1320
-20	20	RM 104 Wall		1321
-21	21	FI-1 Cond		1323
-22	22	RM 107		1323
-23	23	RM 109		1327
-24	24	RM 105		1330

Comments/Special Instructions:

201206931

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only)*: 201206931

EMSL ANALYTICAL, INC.
200 ROUT 130 NORTH
CINNAMINSON, NJ
08077
PHONE: (856) 858-4800
FAX: (856) 858-3899

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Location	Volume/Area	Date/Time Sampled
25	RM105 Wall Bldg. B	12"x12" (1SF)	7-16-12 1332
26	RM106		1335
27	RM210		1336
28	RM207		1338
29	RM206		1341
30	WA-06		1345

Comments/Special Instructions:

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-9551
http://www.emsl.com cinnaminsonleadlab@emsl.com

EMSL Order: 201207282
CustomerID: EEG50
CustomerPO:
ProjectID:

Attn: **Hiram Aguiar**
EE & G
5751 Miami Lakes Drive East
Miami Lakes, FL 33014

Phone: (305) 374-8300
Fax:
Received: 07/26/12 9:30 AM
Collected: 7/24/2012

Project: **Glynn Archer School**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
1	0001	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A W. Hall Fl 1				
2	0002	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A N. Hall Fl 1				
3	0003	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A S. Hall Fl 1				
4	0004	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A S.E. Hall Fl 1				
5	0005	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A Rm 100 Fl 1				
6	0006	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A S.E. Hall Fl 2				
7	0007	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A Rm 212 Fl 2				
8	0008	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A Rm 212 Fl 2				
9	0009	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A Rm 203 Fl 2				
10	0010	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A Rm 205 Fl 2				
11	0011	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A Rm 205 Fl 2				
12	0012	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg A Rm 205 Fl 2				
13	0013	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Auditorium				
14	0014	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Auditorium				
15	0015	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B Rm 104 Fl 1				

Julie Smith - Laboratory Director
NJ-NELAP Accredited:04653
or other approved signatory

Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. QC data associated with this sample set is within acceptable limits, unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. * slight modifications to methods applied. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10896, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 07/27/2012 12:49:22

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-9551
http://www.emsl.com cinnaminsonleadlab@emsl.com

EMSL Order: 201207282
CustomerID: EEG50
CustomerPO:
ProjectID:

Attn: **Hiram Aguiar**
EE & G
5751 Miami Lakes Drive East
Miami Lakes, FL 33014

Phone: (305) 374-8300
Fax:
Received: 07/26/12 9:30 AM
Collected: 7/24/2012

Project: **Glynn Archer School**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
16	0016	7/24/2012	7/26/2012	144 in²	350 µg/ft²
	Site: Bldg B Rm 104 Fl 1				
17	0017	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B Rm 109 Fl 1				
18	0018	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B Boys RRM Fl 1				
19	0019	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B Boys RRM Fl 1				
20	0020	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B Rm 105 Fl 1				
22	0022	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B Rm 105 Fl 1				
23	0023	7/24/2012	7/26/2012	144 in²	22 µg/ft²
	Site: Bldg B N.W. Hall Fl 1				
24	0024	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B Rm 106 Fl 1				
25	0025	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B E. Hall Fl 1				
26	0026	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B Rm 107 Fl 1				
27	0027	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B Rm 207 Fl 2				
28	0028	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B Rm 210 Fl 2				
29	0029	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg B Rm 210 Fl 2				
30	0030	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg See Plan Fl 2				
31	0031	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg See Plan Fl 2				

Julie Smith - Laboratory Director
NJ-NELAP Accredited:04653
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10896, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 07/27/2012 12:49:22

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-9551
http://www.emsl.com cinnaminsonleadlab@emsl.com

EMSL Order: 201207282
CustomerID: EEG50
CustomerPO:
ProjectID:

Attn: **Hiram Aguiar**
EE & G
5751 Miami Lakes Drive East
Miami Lakes, FL 33014

Phone: (305) 374-8300
Fax:
Received: 07/26/12 9:30 AM
Collected: 7/24/2012

Project: **Glynn Archer School**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Area Sampled*	*Lead Concentration*
32	*0032*	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg See Plan Fl 2				
33	*0033*	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg Rm 206 Fl 2				
34	*0034*	7/24/2012	7/26/2012	144 in²	<10 µg/ft²
	Site: Bldg Rm 206 Fl 2				

Julie Smith - Laboratory Director
NJ-NELAP Accredited:04653
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10896, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 07/27/2012 12:49:22

201207282

EMSL ANALYTICAL, INC
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*:

20120 7269

Company : City of Austin LeadSmart Program

Street: 1000 East 11th Street Ste. 200

City: Austin | State/Province: TX

Report To (Name): Coby Ramirez

Telephone #: 512-974-3122 Email Address: coby.ramirez@austintexas.gov

Project Name/Number: MA 7200NA120000127 -4519 South 2nd Street Austin TX, 78745 Project # 32

U.S. State Samples Taken: Texas

EMSL-Bill to: ☒ Same ☐ Different

If Bill to is Different note instructions in Comments**

Third Party Billing requires written authorization from third party

Zip/Postal Code: 78702 | Country: US

Telephone #: 512-974-3122

Fax #: 512-974-3152

Purchase Order: MA7200NA120000127

Please Provide Results: ☐ Fax ☒ Email

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

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm	SW846-7000B/7420 or AOAC 974.02	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES	0.5 µg/filter	☐
Wipe* ☒ ASTM ☐ non ASTM *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other: | Preservation Method (Water):

Name of Sampler: Coby Ramirez | Signature of Sampler: Coby Ramirez

Sample #	Location	Volume/Area	Date/Time Sampled
#82	Dust Wipe Living Room floor entry	12x12	7/25/2012 / 10:30 am
#83	Dust Wipe Bathroom floor entry	12x12	7/25/2012 / 10:30 am
#84	Dust Wipe Bathroom floor	12x12	7/25/2012 / 10:30 am
#85	Dust Wipe Bedroom #3 Window Sill	18x2	7/25/2012 / 10:30 am
#86	Dust Wipe Bedroom #3 Window Sill	18x2	7/25/2012 / 10:30 am

Client Sample #'s #82 - #86 | Total # of Samples: 5

Relinquished (Client): Coby Ramirez | Date: 7/25/2012 | Time: 2:30 pm

Received (Lab): [illegible] | Date: 7/26/12 | Time: 1230

* New COC sent via email from coby ramirez to reflect correct project address 7/26/12 1230

Comments: Please e-mail results to coby.ramirez@austintexas.gov
Account: CAHD25

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 858-9551
http://www.emsl.com cinnaminsonleadlab@emsl.com

EMSL Order: 201207495
CustomerID: EEG50
CustomerPO:
ProjectID:

Attn: **Hiram Aguiar**
EE & G
5751 Miami Lakes Drive East
Miami Lakes, FL 33014

Phone: (305) 374-8300
Fax:
Received: 08/01/12 9:40 AM
Collected: 7/31/2012

Project: **Glynn Archer School**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B*/7000B)

Client Sample Description	*Lab ID*	*Collected*	***Analyzed***	*Area Sampled*	*Lead* ***Concentration***
1	*0001*	7/31/2012	8/1/2012	144 in²	<10 µg/ft²
	Site: Building B room 104				
2	*0002*	7/31/2012	8/1/2012	144 in²	<10 µg/ft²
	Site: Building B room 104				
3	*0003*	7/31/2012	8/1/2012	144 in²	<10 µg/ft²
	Site: Building B room 104				

Julie Smith - Laboratory Director
NJ-NELAP Accredited:04653
or other approved signatory

Reporting limit is 10 ug/wipe. ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. QC data associated with this sample set is within acceptable limits, unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. * slight modifications to methods applied. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10896, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 08/01/2012 21:18:35

201207495

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* 201207495

EMSL ANALYTICAL, INC.
200 ROUT 130 NORTH
CINNAMINSON, NJ 08077

Company : EE&G Environmental Services, LLC		**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments**	
Street: 5751 Miami Lakes Drive		*Third Party Billing requires written authorization from third party*	
City: Miami Lakes	**State/Province: FL**	**Zip/Postal Code: 33014**	**Country: USA**
Report To (Name): Hiram Aguiar		**Fax #: 305-374-9004**	
Telephone #: 305-374-8300		**Email Address: Haguiar@eeandg.com**	
Project Name/Number: Glynn Archer School			
Please Provide Results: ☐ Fax ☒ Email	**Purchase Order:**	**U.S. State Samples Taken:**	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hours | ☐ 6 Hours | ☒ 24 Hours | ☐ 48 Hours | ☐ 3 Days | ☐ 4 Days | ☐ 5 Days | ☐ 10 Days

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ mg/cm² ☐ % by wt.	SW846-7000B/7420 or AOAC 974.02	Flame Atomic Absorption	0.01%	☐
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES	0.5 µg/filter	☐
Wipe* ☒ ASTM ☐ non ASTM *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☒
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW86-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other:	**Preservation Method (Water):**
Name of Sampler: Hiram Aguiar	**Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
1	Building B Room 104	12"x12" (1 SF)	7-31-12/1130
2	Building B Room 104	12"x12" (1 SF)	7-31-12/1130
3	Building B Room 104	12"x12" (1 SF)	7-31-12/1130
4			
5			
6			

Client Sample #'s 1 - 3 **Total # of Samples:** 3

Relinquished (Client):	Hiram Aguiar	**Date:**	7-31-12	**Time:**	1730
Received (Lab):	Emily Maggioncalda	**Date:**	8/1/12	**Time:**	9:40 AM

Comments:

CERTIFICATES

United States Environmental Protection Agency

This is to certify that

Hiram Andres Aguiar

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Risk Assessor

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires August 1, 2014

FL-R-9781-1

Certification #

JUL 28 2011

Issued On

Jeaneanne M. Gettle, Chief

Pesticides and Toxic Substances Branch

United States Environmental Protection Agency

This is to certify that

Daniel Joseph Cottrell

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Risk Assessor

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires December 27, 2013

FL-R-10745-3
Certification #

FEB 2 - 2011
Issued On

Jeanne M. Gettle, Chief
Pesticides and Toxic Substances Branch

United States Environmental Protection Agency

This is to certify that

EE&G Environmental Services, LLC

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires September 8, 2013

FL-10142-3

Certification #

SEP 2 2 2010

Issued On

Jeaneanne M. Gettle, Chief

Pesticides and Toxic Substances Branch

ENVIRONMENTAL SERVICES, LLC

LIMITED
LEAD-BASED PAINT INSPECTION REPORT

FOR

GLYNN R. ARCHER ELEMENTARY SCHOOL COMPLEX
CITY HALL PLANNING PROJECT
1302 WHITE STREET
KEY WEST, FLORIDA 33040

Prepared for

CH2M HILL
6410 5th STREET, SUITE 2A
KEY WEST, FLORIDA 33040

MR. ANDREW H. SMYTH

Prepared by

Hiram A. Aguiar
EPA Lead Risk Assessor Certificate #FL-R-9781-1

EE&G Environmental Services, LLC
5751 Miami Lakes Drive East
Miami, Florida 33014
(305) 374-8300
www.eeandg.com

August 17, 2012
EE&G Project No. 2012-2373

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SECTION 1.0

INTRODUCTION

1.1 INTRODUCTION

At the request of the CH2M Hill (hereafter referred to as the Owner), EE&G Environmental Services, LLC (EE&G) conducted a limited Lead-Based Paint (LBP) inspection of buildings A, B, Auditorium, and C at Glynn Archer Elementary School located at 1302 White Street, Key West, Florida in June 2012 by Environmental Protection Agency (EPA) Lead-Based Paint Risk Assessor Hiram Aguiar of EE&G. EE&G's scope of work for this project consisted of evaluating the subject facility utilizing an X-Ray Fluorescence (XRF) instrument to assess for lead concentrations in selected painted building components.

1.2 OWNER INFORMATION

Not Available at the time of this inspection.

1.3 EDUCATIONAL MATERIALS

A copy of *Renovate Right: Important Lead Hazard Information for Families, Child Care Providers, and Schools* has been provided in Appendix A of this report. Federal law requires that individuals receive certain information before renovating more than two square feet of painted surfaces in housing, child care facilities and schools built before 1978.

- Homeowners and tenants: renovators must give you this pamphlet before starting work.
- Child-care facilities, including preschools and kindergarten classrooms, and the families of children under the age of six that attend those facilities: renovators must provide a copy of this pamphlet to child-care facilities and general renovation information to families whose children attend those facilities.

Federal law requires contractors that disturb lead-based paint in homes, child care facilities and schools built before 1978 to be certified and follow specific work practices to prevent lead contamination. Contractors must provide certification prior to renovations.

SECTION 2.0

BUILDING DESCRIPTION
GLYNN ARCHER ELEMENTARY SCHOOL

BUILDING A

The two-story classroom building, constructed in the 1920's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with vinyl floor tile, wood, and ceramic tile. County records were not available to review during the time of this inspection. See Appendix C for Figures.

BUILDING B

The two-story classroom building, constructed in the 1920's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with vinyl floor tile, wood, and ceramic tile. County records were not available to review during the time of this inspection. See Appendix C for Figures.

AUDITORIUM BUILDING

The one-story auditorium building, constructed in the 1920's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with linoleum and wood. County records were not available to review during the time of this inspection. See Appendix C for Figures.

BUILDING C

The one-story classroom building, constructed in the 1950's, was observed to be constructed primarily of concrete, steel, and wood; interior walls were observed to be finished with plaster and drywall, ceilings were observed to be finished with laid-in ceiling tile, plaster and drywall. Floors were observed to be finished with vinyl floor tile, wood, and ceramic tile. County records were not available to review during the time of this inspection. See Appendix C for Figures.

SECTION 3.0

METHODS AND LIMITATIONS

3.1 XRF METHODS

The limited inspection was performed based on a modified version of the protocol established in the "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing" by the Department of Housing and Urban Development (HUD) in June 1995. A portable spectrum analyzing XRF instrument manufactured by Niton Corporation was utilized to perform a limited LBP inspection of accessible interior and exterior painted building components of buildings A, B, and Auditorium located at the subject property. The XRF serial number was 7510, and last date of calibration was July 11, 2011.

The XRF instrument performs a self-calibration test on startup. The calibration was then verified using a known standard from the United States Department of Commerce National Institute of Standards and Technology (NIST). QA/QC measurements were taken with the Level III (1.04 mg/cm^2) NIST standard at the beginning and end of the inspection. XRF test results expressed lead concentrations in milligram per square centimeter (mg/cm^2). The results were stored in the XRF for later retrieval in a spreadsheet format.

XRF testing locations, or testing combinations, were determined on site by an EPA Certified Lead-Based Paint Risk Assessor and the following factors; location (e.g. Building, Floor, Unit, Room), component (e.g. Wall, Ceiling, Door, Door Frame, Baseboard, etc.), substrate (e.g. Drywall, Concrete, Wood, Metal, etc.), and painting history (if available). An XRF reading was obtained from selected testing combinations.

3.2 LIMITATIONS

The limited inspection was conducted to assess selected painted building components for the presence of lead. Because of limitations in access this inspection can not be utilized as a Lead-Based Paint Inspection as defined in the HUD Guidelines, that is beyond the intent and scope of this limited inspection. The inspected areas are assumed to be representative of the materials used throughout the facility. This limited inspection report has been prepared by EE&G in a manner consistent with industry standards exercised by members of the profession practicing under similar conditions. No other warranty, expressed or implied is made. Under no circumstances is this limited inspection report to be utilized as a bid proposal or a project specification document, as this is not its intent. The intent of this inspection report is to assist the client in assessing for lead in selected painted building components.

EPA and HUD define lead-based paint (LBP) as; paint or other coatings that contain lead at or greater than the level of 1.0 mg/cm^2 or 0.5% by weight; however, the US Department of Labor's Occupational Safety and Health Administration (OSHA) lead regulation, 29 CFR 1926.62, does not recognize a concentration of lead in paint that may be safe for workers therefore, measurable amounts of lead are considered to be a potential source of exposure. This assessment can be utilized to identify building components that contain lead. However, as OSHA does not recognize the absence of lead through XRF, this assessment can not be utilized for establishing that coatings are lead-free for purposes of OSHA compliance.

EE&G's interpretations and recommendations are based upon the results of the XRF testing, environmental regulations, and quality control and assurance standards. The results, conclusions, and recommendations contained in this report pertain to conditions observed at the time of the inspection. Other conditions elsewhere at the subject facility may differ from those in the inspected locations and, such conditions are unknown, may change over time, and have not been considered.

This report was prepared solely for the use of EE&G's client, and is not intended for use by third party beneficiaries. The client shall indemnify and hold EE&G harmless against any liability for any loss arising out of or relating to reliance by any third party on any work performed there under, or the contents of this report. EE&G will not be held responsible for the interpretation or use by others of data developed pursuant to the compilation of this report, or for use of segregated portions of this report.

SECTION 4.0

INSPECTION FINDINGS

4.1 XRF TESTING RESULTS

HUD defines LBP as; paints or coatings with lead concentrations equal to or greater than 1.0 mg/cm^2 when measured by XRF. The following components were identified as LBP during this inspection:

BUIDLING A

DESCRIPTION:	**Wall paint**
LOCATION:	**Bathroom room 122, 124**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #1, XRF #15-17, 25-28**
CONDITION:	**Intact – Not intact**

DESCRIPTION:	**Wall paint**
LOCATION:	**Corridor floor 1**
COLOR	**Blue & beige top layer**
XRF NUMBER:	**Page #2, XRF #39-40, 43-45, 50-51**
CONDITION:	**Intact**

DESCRIPTION:	**Wall paint**
LOCATION:	**Floor 1 stairwell**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #3, XRF #86**
CONDITION:	**Intact**

DESCRIPTION:	**Wood trim paint**
LOCATION:	**Class room 203**
COLOR	**Blue top layer**
XRF NUMBER:	**Page #4, XRF# 110**
CONDITION:	**Not intact**

DESCRIPTION:	**Wall paint**
LOCATION:	**Class room 203**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #4, XRF# 113-114**
CONDITION:	**Intact**

DESCRIPTION:	**Ceramic floor tile**
LOCATION:	**Bathroom 212**
COLOR	**White**
XRF NUMBER:	**Page #5, XRF #146**
CONDITION:	**Not intact**

BUIDLING A

DESCRIPTION:	**Wall paint**
LOCATION:	**Corridor out class room 120**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #5, XRF# 156**
CONDITION:	**Not intact**

DESCRIPTION:	**Wall paint**
LOCATION:	**Corridor out class room 120**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #5, XRF# 156**
CONDITION:	**Not intact**

DESCRIPTION:	**Exterior wood door & door casing paint**
LOCATION:	**Building A exterior**
COLOR	**Green/blue top layer**
XRF NUMBER:	**Page #16, XRF# 522-526, 530-531**
CONDITION:	**Not intact**

DESCRIPTION:	**Exterior metal stair-well paint**
LOCATION:	**Building A exterior**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #16 & 17, XRF# 532, 552**
CONDITION:	**Not intact**

DESCRIPTION:	**Exterior beam paint**
LOCATION:	**Building A front of the school**
COLOR	**White top layer**
XRF NUMBER:	**Page #17, XRF# 548**
CONDITION:	**Not intact**

DESCRIPTION:	**Tiger statue**
LOCATION:	**Building A front of the school**
COLOR	**Orange top layer**
XRF NUMBER:	**Page #17, XRF# 550**
CONDITION:	**Not intact**

~~AUDITORIUM~~

DESCRIPTION:	**Wall paint**
LOCATION:	**Auditorium 117**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #5 & 6, XRF# 162, 164-165, 174**
CONDITION:	**Intact- Not intact**

DESCRIPTION:	**Door paint**
LOCATION:	**Auditorium 117**
COLOR	**Pink top layer**
XRF NUMBER:	**Page #6, XRF# 182-183**
CONDITION:	**Intact- Not intact**

DESCRIPTION:	**Door and door casing paint**
LOCATION:	**Exterior doors of the Auditorium**
COLOR	**Green top layer**
XRF NUMBER:	**Page #15, XRF# 504-505**
CONDITION:	**Not intact**

DESCRIPTION:	**Exterior wall paint**
LOCATION:	**Exterior wood shed attached to the Auditorium**
COLOR	**Green top layer**
XRF NUMBER:	**Page #15, XRF# 512**
CONDITION:	**Poor condition**

DESCRIPTION:	**Exterior wall paint**
LOCATION:	**Exterior of Auditorium**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #15, XRF# 510**
CONDITION:	**Not intact**

BUILDING B

DESCRIPTION:	**Door paint**
LOCATION:	**Corridor floor 1**
COLOR	**Blue top layer**
XRF NUMBER:	**Page #6, XRF# 195**
CONDITION:	**Intact- Not intact**

DESCRIPTION:	**Wall paint**
LOCATION:	**Corridor floor 1 & 2**
COLOR	**Blue top layer**
XRF NUMBER:	**Page #7, XRF# 205, 226**
CONDITION:	**Intact- Not intact**

DESCRIPTION:	**Door paint**
LOCATION:	**Corridor floor 1**
COLOR	**Blue top layer**
XRF NUMBER:	**Page #7, XRF# 219-220**
CONDITION:	**Intact- Not intact**

DESCRIPTION:	**Wall paint**
LOCATION:	**Corridor floor 2**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #7, XRF# 227-228, 234**
CONDITION:	**Intact- Not intact**

AUDITORIUM

DESCRIPTION:	**Wall paint**
LOCATION:	**Corridor floor 2**
COLOR	**Blue top layer**
XRF NUMBER:	**Page #8, XRF# 241**
CONDITION:	**Not intact**

DESCRIPTION:	**Wall paint**
LOCATION:	**Class room 207**
COLOR	**White top layer**
XRF NUMBER:	**Page #8, XRF# 244**
CONDITION:	**Not intact**

DESCRIPTION:	**Trim paint**
LOCATION:	**Class room 215**
COLOR	**White top layer**
XRF NUMBER:	**Page #8, XRF# 256-257**
CONDITION:	**Not intact**

DESCRIPTION:	**Ceramic baseboard**
LOCATION:	**Bathroom 216**
COLOR	**White top layer**
XRF NUMBER:	**Page #8 & 9, XRF# 272-273**
CONDITION:	**Not intact**

DESCRIPTION:	**Wall paint**
LOCATION:	**Class room 206**
COLOR	**White top layer**
XRF NUMBER:	**Page #9, XRF# 287-288**
CONDITION:	**Intact-Not intact**

DESCRIPTION:	**Wall paint**
LOCATION:	**Boys bathroom floor 1**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #11, XRF# 357**
CONDITION:	**Not intact**

DESCRIPTION:	**Ceramic baseboard**
LOCATION:	**Boys bathroom floor 1**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #11, XRF# 360**
CONDITION:	**Not intact**

DESCRIPTION:	**Wall paint**
LOCATION:	**Class room 109B**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #11, XRF# 368-370**
CONDITION:	**Not intact**

AUDITORIUM

DESCRIPTION:	**Exterior wall paint**
LOCATION:	**Exterior of building B**
COLOR	**Beige top layer**
XRF NUMBER:	**Page #15, XRF# 492-493, 495**
CONDITION:	**Not intact**

BUILDING C

DESCRIPTION:	**Sink**
LOCATION:	**Boys bathroom floor 1**
COLOR	**White top layer**
XRF NUMBER:	**Page #12, XRF# 392-393**
CONDITION:	**Not intact**

DESCRIPTION:	**Exterior metal stair-well paint**
LOCATION:	**Building A**
COLOR	**Green/blue top layer**
XRF NUMBER:	**Page #17, XRF# 553**
CONDITION:	**Not intact**

Testing combinations and XRF results are presented in Appendix B pages 1-17.

SECTION 5.0

RECOMMENDATIONS

5.1 RECOMMENDATIONS FOR LEAD-BASED PAINT

If the structures are to be *renovated*:

Any LBP that has become damaged should be abated. Any abatement procedure in which LBP is disturbed should be conducted by trained personnel and in accordance with all federal, state and local regulations, including OSHA's lead regulation 29 CFR 1926.62. Also, prior to disposal, the entire waste stream from LBP abatement (paint, rags, protective suits, debris, etc.) must be characterized by a Toxic Characteristic Leachate Procedure (TCLP) test. The EPA requires TCLP testing to determine if the waste is considered hazardous.

To comply with OSHA lead regulation 29 CFR 1926.62, the laboratory analysis (Flame AAS, Method SW 846, 7420) results should be made available to any personnel that will conduct painting operations of these structures. This regulation considers paint that contains any amount of lead to be lead-based paint and mandates protective measures any time a painting or renovation project involves the disturbance of LBP components in such a way as to cause airborne emissions of lead particulate (sanding, scraping, grinding, etc.). These protective measures include: personnel protection (respirators, protective suits, etc.), engineering controls and personnel air monitoring until results of the personnel monitoring indicate airborne lead concentrations below the Permissible Exposure Limit (PEL) of fifty (50) micrograms per cubic meter as an eight-hour time-weighted average (TWA). In lieu of the above protective measures, painting personnel may provide objective historical data from previous similar projects to demonstrate that the PEL for lead will not be exceeded.

If any of the structures are to be *demolished*:

Prior to demolition, a waste stream characterization should be performed on the structure. This waste stream must be characterized by a Toxic Characteristic Leachate Procedure (TCLP) test. The EPA requires TCLP testing to determine if the waste is considered either hazardous (and must be disposed of in a special disposal site) or is nonhazardous, and may be disposed of in a standard landfill. For some materials such as steel and mostly metal components, recycling at a certified recycling facility is another alternative to including these components as a representative fraction of the waste stream characterization. Finally, baseline representative soil samples should be collected from each address/lot on the properties to establish a background “Lead-in Soil” concentration for future post-demolition comparison.

During demolition and disposal operations:

To comply with OSHA lead regulation 29 CFR 1926.62, the paint chip laboratory analysis (Flame AAS, Method SW 846, 7420) results should be made available to any personnel that will conduct demolition operations of this structure. This regulation considers paint that contains any amount of lead to be lead-based paint and mandates protective measures any time a demolition project involves the disturbance of LBP components in such a way as to cause airborne emissions of lead particulate (torching, disc sanding, etc.). These protective measures include:

personnel protection (respirators, protective suits, etc.), engineering controls and personnel air monitoring until results of the personnel monitoring indicate airborne lead concentrations below the Permissible Exposure Limit (PEL) of fifty (50) micrograms per cubic meter as an eight-hour time-weighted average (TWA). In lieu of the above protective measures, demolition personnel may provide objective historical data from previous similar projects to demonstrate that the PEL for lead will not be exceeded.

After demolition, razing, and disposal operations:

At completion of demolition/razing/disposal of the structure down to grade, final representative soil samples should be collected from each address/lot to determine a final background "Lead - in Soil" concentration that should be below EPA/HUD and/or Florida DEP guidelines for Affordable Housing. If levels exceed EPA/HUD and/or Florida DEP guidelines, some soil remediation may be required to eliminate contaminated soil. Additional round(s) of confirmatory testing will then be required to clear this area.

If the structures are to remain "as is" and occupied:

An initial risk assessment should be conducted of the LBP. The risk assessment entails the collection of dust samples from areas adjacent to the LBP components. The dust sample is sent to a laboratory for analysis of lead-content. The dust's lead content provides an indication of the potential exposure to persons that come in contact with dust associated with the LBP components. The collection of dust samples for risk assessment purposes should be performed pursuant to Part III, Section III of the EPA/HUD Lead-Based Paint Risk Assessment Protocol. This protocol was established to evaluate the risk in community buildings where lead-based paint is present.

The owner should adopt an in-place management program for all LBP that is not removed from the structures. Periodic surveillance should be included in the in-place management program. As part of the in-place management program, The owner may also elect to conduct periodic risk assessments (dust sampling) of the remaining LBP. Periodic surveillance should be conducted at least every six months noting any change in the condition of the LBP.

5.2 RECOMMENDATIONS FOR OTHER PAINTS AND COATINGS

OSHA does not recognize the absence of lead through XRF; therefore, these materials must be considered to be lead-containing and a potential source of exposure unless determined to be nonlead-containing through laboratory analysis (i.e. Flame AAS, Method SW 846, 7420).

Any activity that would release lead dust or fumes must be performed by workers in accordance with the OSHA standard for removal of lead containing paint. If these materials can remain intact during renovation or demolition, then no other special handling is required.

5.3 OSHA COMPLIANCE

To comply with OSHA lead regulation 29 CFR 1926.62, this report should be made available to personnel that will conduct painting operations at this facility. This regulation considers coatings that contain measurable amounts of lead to be lead-based paint and mandates protective measures when a painting or demolition project involves the disturbance of painted components

in such a way as to cause airborne emissions of lead particulate (sanding, scraping, grinding, etc.). These protective measures include: hazard communication training, personnel protection (respirators, protective suits, etc.), engineering controls and personnel air monitoring until results of the personnel monitoring indicate airborne lead concentrations below the Action Level (AL) of 30 micrograms per cubic meter as an eight-hour time-weighted average (TWA). In lieu of the above protective measures, painting and or demolition personnel may provide objective historical data from previous similar projects to demonstrate that the AL for lead will not be exceeded.

5.4 DISCLOSURE OF LBP HAZARDS

The Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as Title X, Section 1018 requires the disclosure to the purchaser or lessee of any known information on lead-based paint or lead-based paint hazards and provide to the purchaser or lessee any lead hazard evaluation reports available prior to the sale or lease of most housing built prior to 1978.

SECTION 6.0

SIGNATURE PAGE

Submitted by

Hiram Aguiar
Senior Staff Professional, EE&G
EPA Lead-Based Paint Risk Assessor

Reviewed by

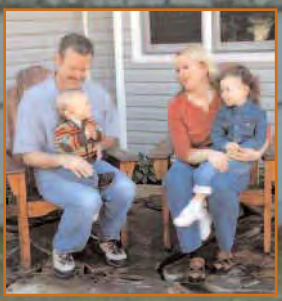
Daniel J. Cottrell, Ph.D., P.G.
Senior Technical Advisor, EE&G
EPA Lead-Based Paint Risk Assessor

APPENDIX A

RENOVATE RIGHT
EPA PAMPHLET

Renovate Right

Important Lead Hazard Information for Families, Child Care Providers and Schools



UNITED STATES • ENVIRONMENTAL PROTECTION AGENCY •

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

It's the Law!

Federal law requires that individuals receive certain information before renovating more than two square feet of painted surfaces in housing, child care facilities and schools built before 1978.

- Homeowners and tenants: renovators must give you this pamphlet before starting work.
- Child care facilities, including preschools and kindergarten classrooms, and the families of children under the age of six that attend those facilities: renovators must provide a copy of this pamphlet to child-care facilities and general renovation information to families whose children attend those facilities.

Also, beginning April 2010, federal law will require contractors that disturb lead-based paint in homes, child care facilities and schools, built before 1978 to be certified and follow specific work practices to prevent lead contamination. Therefore beginning in April 2010, ask to see your contractor's certification.

Renovating, Repairing, or Painting?

- Is your home, your building, or the child care facility or school your children attend, being renovated, repaired, or painted?
- Was your home, your building, or the child care facility or school your children under age 6 attend, built before 1978?

If the answer to these questions is YES, there are a few important things you need to know about lead-based paint.

This pamphlet provides basic facts about lead and information about lead safety when work is being done in your home, your building or the childcare facility or school your children attend.

The Facts About Lead

- Lead can affect children's brains and developing nervous systems, causing reduced IQ, learning disabilities, and behavioral problems. Lead is also harmful to adults.
- Lead in dust is the most common way people are exposed to lead. People can also get lead in their bodies from lead in soil or paint chips. Lead dust is often invisible.
- Lead-based paint was used in more than 38 million homes until it was banned for residential use in 1978.
- Projects that disturb lead-based paint can create dust and endanger you and your family. Don't let this happen to you. Follow the practices described in this pamphlet to protect you and your family.

Who Should Read This Pamphlet?

This pamphlet is for you if you:

- Reside in a home built before 1978,
- Own or operate a child care facility, including preschools and kindergarten classrooms, built before 1978, or
- Have a child under six who attends a child care facility built before 1978.

You will learn:

- Basic facts about lead and your health,
- How to choose a contractor, if you are a property owner,
- What tenants, and parents/guardians of a child in a child care facility or school should consider,
- How to prepare for the renovation or repair job,
- What to look for during the job and after the job is done,
- Where to get more information about lead.

This pamphlet is not for:

- **Abatement projects.** Abatement is a set of activities aimed specifically at eliminating lead or lead hazards. EPA has regulations for certification and training of abatement professionals. If your goal is to eliminate lead or lead hazards, contact the National Lead Information Center at **1-800-424-LEAD (5323)** for more information.
- **"Do-it-yourself" projects.** If you plan to do renovation work yourself, this document is a good start, but you will need more information to complete the work safely. Call the National Lead Information Center at **1-800-424-LEAD (5323)** and ask for more information on how to work safely in a home with lead-based paint.
- **Contractor education.** Contractors who want information about working safely with lead should contact the National Lead Information Center at **1-800-424-LEAD (5323)** for information about courses and resources on lead-safe work practices.

Lead and Your Health

Lead is especially dangerous to children under six years of age.

Lead can affect children's brains and developing nervous systems, causing:

- Reduced IQ and learning disabilities.
- Behavior problems.

Even children who appear healthy can have dangerous levels of lead in their bodies.

Lead is also harmful to adults. In adults, low levels of lead can pose many dangers, including:

- High blood pressure and hypertension.
- Pregnant women exposed to lead can transfer lead to their fetus.

Lead gets into the body when it is swallowed or inhaled.

- People, especially children, can swallow lead dust as they eat, play, and do other normal hand-to-mouth activities.
- People may also breathe in lead dust or fumes if they disturb lead-based paint. People who sand, scrape, burn, brush or blast or otherwise disturb lead-based paint risk unsafe exposure to lead.

What should I do if I am concerned about my family's exposure to lead?

- Call your local health department for advice on reducing and eliminating exposures to lead inside and outside your home, child care facility or school.
- Always use lead-safe work practices when renovation or repair will disturb lead-based paint.
- A blood test is the only way to find out if you or a family member already has lead poisoning. Call your doctor or local health department to arrange for a blood test.

For more information about the health effects of exposure to lead, visit the EPA lead website at www.epa.gov/lead/pubs/leadinfo.htm or call 1-800-424-LEAD (5323).

There are other things you can do to protect your family everyday.

- Regularly clean floors, window sills, and other surfaces.
- Wash children's hands, bottles, pacifiers, and toys often.
- Make sure children eat a healthy, nutritious diet consistent with the USDA's dietary guidelines, that helps protect children from the effects of lead.
- Wipe off shoes before entering house.

Where Does the Lead Come From?

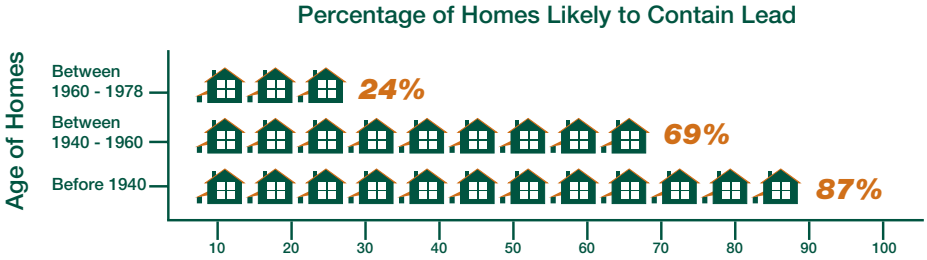
Dust is the main problem. The most common way to get lead in the body is from dust. Lead dust comes from deteriorating lead-based paint and lead-contaminated soil that gets tracked into your home. This dust may accumulate to unsafe levels. Then, normal hand to-mouth activities, like playing and eating (especially in young children), move that dust from surfaces like floors and windowsills into the body.

Home renovation creates dust. Common renovation activities like sanding, cutting, and demolition can create hazardous lead dust and chips.

Proper work practices protect you from the dust. The key to protecting yourself and your family during a renovation, repair or painting job is to use lead-safe work practices such as containing dust inside the work area, using dust-minimizing work methods, and conducting a careful cleanup, as described in this pamphlet.

Other sources of lead. Remember, lead can also come from outside soil, your water, or household items (such as lead-glazed pottery and lead crystal). Contact the National Lead Information Center at **1-800-424-LEAD (5323)** for more information on these sources.

Checking Your Home for Lead-Based Paint



Older homes, child care facilities, and schools are more likely to contain lead-based paint. Homes may be single-family homes or apartments. They may be private, government-assisted, or public housing. Schools are preschools and kindergarten classrooms. They may be urban, suburban, or rural.

You have the following options:

You may decide to assume your home, child care facility, or school contains lead. Especially in older homes and buildings, you may simply want to assume lead-based paint is present and follow the lead-safe work practices described in this brochure during the renovation, repair, or painting job.

You or your contractor may also test for lead using a lead test kit. Test kits must be EPA-approved and are available at hardware stores. They include detailed instructions for their use.

You can hire a certified professional to check for lead-based paint. These professionals are certified risk assessors or inspectors, and can determine if your home has lead or lead hazards.

- A certified inspector or risk assessor can conduct an inspection telling you whether your home, or a portion of your home, has lead-based paint and where it is located. This will tell you the areas in your home where lead-safe work practices are needed.
- A certified risk assessor can conduct a risk assessment telling you if your home currently has any lead hazards from lead in paint, dust, or soil. The risk assessor can also tell you what actions to take to address any hazards.
- For help finding a certified risk assessor or inspector, call the National Lead Information Center at **1-800-424-LEAD (5323).**

For Property Owners

You have the ultimate responsibility for the safety of your family, tenants, or children in your care. This means properly preparing for the renovation and keeping persons out of the work area (see p. 8). It also means ensuring the contractor uses lead-safe work practices.

Beginning April 2010, federal law will require that contractors performing renovation, repair and painting projects that disturb lead-based paint in homes, child care facilities, and schools built before 1978 to be certified and follow specific work practices to prevent lead contamination.

Until contractors are required to be certified, make sure your contractor can explain clearly the details of the job and how the contractor will minimize lead hazards during the work.

- Ask if the contractor is trained to perform lead-safe work practices and to see a copy of their training certificate.
- Ask them what lead-safe methods they will use to set up and perform the job in your home, child care facility or school.
- Ask if the contractor is aware of the lead renovation rules. For example, contractors are required to provide you with a copy of this pamphlet before beginning work. A sample pre-renovation disclosure form is provided at the back of this pamphlet. Contractors may use this form to make documentation of compliance easier.
- Ask for references from at least three recent jobs involving homes built before 1978, and speak to each personally.

Always make sure the contract is clear about how the work will be set up, performed, and cleaned.

- Share the results of any previous lead tests with the contractor.
- Even before contractors are required to be certified you should specify in the contract that they follow the work practices described on pages 9 and 10 of this brochure.
- The contract should specify which parts of your home are part of the work area and specify which lead-safe work practices should be used in those areas. Remember, your contractor should confine dust and debris to the work area and should minimize spreading that dust to other areas of the home.
- The contract should also specify that the contractor clean the work area, verify that it was cleaned adequately, and re-clean it if necessary.

Once these practices are required, if you think a worker is failing to do what they are supposed to do or is doing something that is unsafe, you should:

- Direct the contractor to comply with the contract requirements,
- Call your local health or building department, or
- Call EPA's hotline **1-800-424-LEAD (5323).**

For Tenants, and Families of Children Under Age Six in Child Care Facilities and Schools

You play an important role ensuring the ultimate safety of your family.

This means properly preparing for the renovation and staying out of the work area (see p. 8).

Beginning April 2010, federal law will require that contractors performing renovation, repair and painting projects that disturb lead-based paint in homes, child care facilities and schools built before 1978 that a child under age six visits regularly to be certified and follow specific work practices to prevent lead contamination.

The law will require anyone hired to renovate, repair, or do painting preparation work on a property built before 1978 to follow the steps described on pages 9 and 10 unless the area where the work will be done contains no lead-based paint.

Once these practices are required, if you think a worker is failing to do what they are supposed to do or is doing something that is unsafe, you should:

- Contact your landlord,
- Call your local health or building department, or
- Call EPA's hotline **1-800-424-LEAD (5323).**

If you are concerned about lead hazards left behind after the job is over, you can check the work yourself (see page 10).

If your property receives housing assistance from HUD (or a state or local agency that uses HUD funds), you must follow the more stringent requirements of HUD's Lead-safe Housing Rule and the ones described in this pamphlet.

Preparing for a Renovation

The work areas should not be accessible to occupants while the work occurs. The rooms or areas where work is being done may be blocked off or sealed with plastic sheeting to contain any dust that is generated. The contained area will not be available to you until the work in that room or area is complete, cleaned thoroughly, and the containment has been removed. You will not have access to some areas and should plan accordingly.

You may need:

- Alternative bedroom, bathroom, and kitchen arrangements if work is occurring in those areas of your home.
- A safe place for pets because they, too, can be poisoned by lead and can track lead dust into other areas of the home.
- A separate pathway for the contractor from the work area to the outside, in order to bring materials in and out of the home. Ideally, it should not be through the same entrance that your family uses.
- A place to store your furniture. All furniture and belongings may have to be moved from the work area while the work is done. Items that can't be moved, such as cabinets, should be wrapped in heavy duty plastic.
- To turn off forced-air heating and air conditioning systems while work is done. This prevents dust from spreading through vents from the work area to the rest of your home. Consider how this may affect your living arrangements.

You may even want to move out of your home temporarily while all or parts of the work are being done.

Child care facilities and schools may want to consider alternative accommodations for children and access to necessary facilities.

During the Work

Beginning April 2010, federal law will require contractors that are hired to perform renovation, repair and painting projects in homes, child care facilities, and schools built before 1978 that disturb lead-based paint to be certified and follow specific work practices to prevent lead contamination.

Even before contractors are required to be certified and follow specific work practices, the contractor should follow these three simple procedures, described below:

1. **Contain the work area.** The area should be contained so that dust and debris do not escape from that area. Warning signs should be put up and heavy-duty plastic and tape should be used as appropriate to:
   - Cover the floors and any furniture that cannot be moved.
   - Seal off doors and heating and cooling system vents.

   These will help prevent dust or debris from getting outside the work area.

2. **Minimize dust.** There is no way to eliminate dust, but some methods make less dust than others. For example, using water to mist areas before sanding or scraping; scoring paint before separating components; and prying and pulling apart components instead of breaking them are techniques that generate less dust than alternatives. Some methods generate large amounts of lead-contaminated dust and should not be used. They are:
   - Open flame burning or torching.
   - Sanding, grinding, planing, needle gunning, or blasting with power tools and equipment not equipped with a shroud and HEPA vacuum attachment.
   - Using a heat gun at temperatures greater than 1100°F.

3. **Clean up thoroughly.** The work area should be cleaned up daily to keep it as clean as possible. When all the work is done, the area should be cleaned up using special cleaning methods before taking down any plastic that isolates the work area from the rest of the home. The special cleaning methods should include:
   - Using a HEPA vacuum to clean up dust and debris on all surfaces, followed by
   - Wet mopping with plenty of rinse water.

When the final cleaning is done, look around. There should be no dust, paint chips, or debris in the work area. If you see any dust, paint chips, or debris, the area should be re-cleaned.

For Property Owners: After the Work is Done

When all the work is finished, you will want to know if your home, child care facility, or school has been cleaned up properly. Here are some ways to check.

Even before contractors are required to be certified and follow specific work practices, you should:

Ask about your contractor's final cleanup check. Remember, lead dust is often invisible to the naked eye. It may still be present even if you cannot see it. The contractor should use disposable cleaning cloths to wipe the floor of the work area and compare them to a cleaning verification card to determine if the work area was adequately cleaned.

To order a cleaning verification card and detailed instructions visit the EPA lead website at **www.epa.gov/lead** or contact the National Lead Information Center at **1-800-424-LEAD (5323)** or visit their website at **www.epa.gov/lead/nlic.htm.**

You also may choose to have a lead-dust test. Lead-dust tests are wipe samples sent to a laboratory for analysis.

- You can specify in your contract that a lead-dust test will be done. In this case, make it clear who will do the testing.
- Testing should be done by a lead professional.

If you choose to do the testing, some EPA-recognized lead laboratories will send you a kit that allows you to collect samples and send them back to the lab for analysis.

Contact the National Lead Information Center at **1-800-424-LEAD (5323)** for lists of qualified professionals and EPA-recognized lead labs.

If your home, child care facility, or school fails the dust test, the area should be re-cleaned and tested again.

Where the project is done by contract, it is a good idea to specify in the contract that the contractor is responsible for re-cleaning if the home, child care facility, or school fails the test.

For Additional Information

You may need additional information on how to protect yourself and your children while a job is going on in your home, your building, or childcare facility.

- The **National Lead Information Center** at **1-800-424-LEAD (5323)** or **www.epa.gov/lead/nlic.htm** can tell you how to contact your state, local, and/or tribal programs or get general information about lead poisoning prevention.

  - State and tribal lead poisoning prevention or environmental protection programs can provide information about lead regulations and potential sources of financial aid for reducing lead hazards. If your State or local government has requirements more stringent than those described in this pamphlet, you must follow those requirements.
  - Local building code officials can tell you the regulations that apply to the renovation work that you are planning.
  - State, county, and local health departments can provide information about local programs, including assistance for lead-poisoned children and advice on ways to get your home checked for lead.

- The **National Lead Information Center** can also provide a variety of resource materials, including the following guides to lead-safe work practices. Many of these materials are also available at **www.epa.gov/lead/pubs/brochure.htm.**

  - Lead Paint Safety, a Field Guide for Painting, Home Maintenance, and Renovation Work
  - Reducing Lead Hazards When Remodeling Your Home
  - Protect Your Family from Lead in Your Home
  - Lead in Your Home: A Parent's Reference Guide

For the hearing impaired, call the Federal Information Relay Service at 1-800-877-8339 to access any of the phone numbers in this brochure.

EPA Contacts

EPA Regional Offices

EPA addresses residential lead hazards through several different regulations. EPA requires training and certification for conducting abatement, education about hazards associated with renovations, disclosure about known lead paint and lead hazards in housing, and sets lead-paint hazard standards.

Your Regional EPA Office can provide further information regarding lead safety and lead protection programs at **www.epa.gov/lead.**

Region 1
(Connecticut, Massachusetts, Maine, New Hampshire, Rhode Island, Vermont)
Regional Lead Contact
U.S. EPA Region 1
Suite 1100
One Congress Street
Boston, MA 02114-2023
(888) 372-7341

Region 2
(New Jersey, New York, Puerto Rico, Virgin Islands)
Regional Lead Contact
U.S. EPA Region 2
2890 Woodbridge Avenue
Building 209, Mail Stop 225
Edison, NJ 08837-3679
(732) 321-6769

Region 3
(Delaware, Maryland, Pennsylvania, Virginia, Washington, DC, West Virginia)
Regional Lead Contact
U.S. EPA Region 3
1650 Arch Street
Philadelphia, PA 19103-2029
(215) 814-5000

Region 4
(Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee)
Regional Lead Contact
U.S. EPA Region 4
61 Forsyth Street, SW
Atlanta, GA 30303-8960
(404) 562-9900

Region 5
(Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin)
Regional Lead Contact
U.S. EPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3507
(312) 886-6003

Region 6
(Arkansas, Louisiana, New Mexico, Oklahoma, Texas)
Regional Lead Contact
U.S. EPA Region 6
1445 Ross Avenue,
12th Floor
Dallas, TX 75202-2733
(214) 665-6444

Region 7
(Iowa, Kansas, Missouri, Nebraska)
Regional Lead Contact
U.S. EPA Region 7
901 N. 5th Street
Kansas City, KS 66101
(913) 551-7003

Region 8
(Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming)
Regional Lead Contact
U.S. EPA Region 8
999 18th Street, Suite 300
Denver, CO 80202-2466
(303) 312-6312

Region 9
(Arizona, California, Hawaii, Nevada)
Regional Lead Contact
U.S. Region 9
75 Hawthorne Street
San Francisco, CA 94105
(415) 947-8021

Region 10
(Alaska, Idaho, Oregon, Washington)
Regional Lead Contact
U.S. EPA Region 10
1200 Sixth Avenue
Seattle, WA 98101-1128
(206) 553-1200

Other Federal Agencies

CPSC

The Consumer Product Safety Commission (CPSC) protects the public from the unreasonable risk of injury or death from 15,000 types of consumer products under the agency's jurisdiction. CPSC warns the public and private sectors to reduce exposure to lead and increase consumer awareness. Contact CPSC for further information regarding regulations and consumer product safety.

CPSC
4330 East West Highway
Bethesda, MD 20814
Hotline 1-(800) 638-2772
www.cpsc.gov

CDC Childhood Lead Poisoning Prevention Branch

The Centers for Disease Control and Prevention (CDC) assists state and local childhood lead poisoning prevention programs to provide a scientific basis for policy decisions, and to ensure that health issues are addressed in decisions about housing and the environment. Contact CDC Childhood Lead Poisoning Prevention Program for additional materials and links on the topic of lead.

CDC Childhood Lead Poisoning Prevention Branch
4770 Buford Highway, MS F-40
Atlanta, GA 30341
(770) 488-3300
www.cdc.gov/nceh/lead

HUD Office of Healthy Homes and Lead Hazard Control

The Department of Housing and Urban Development (HUD) provides funds to state and local governments to develop cost-effective ways to reduce lead-based paint hazards in America's privately-owned low-income housing. In addition, the office enforces the rule on disclosure of known lead paint and lead hazards in housing, and HUD's lead safety regulations in HUD-assisted housing, provides public outreach and technical assistance, and conducts technical studies to help protect children and their families from health and safety hazards in the home. Contact the HUD Office of Healthy Homes and Lead Hazard Control for information on lead regulations, outreach efforts, and lead hazard control research and outreach grant programs.

U.S. Department of Housing and Urban Development
Office of Healthy Homes
and Lead Hazard Control
451 Seventh Street, SW, Room 8236
Washington, DC 20410-3000
HUD's Lead Regulations Hotline
(202) 402-7698
www.hud.gov/offices/lead/


UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY

Current Sample Pre-Renovation Form

Effective until April 2010.

Confirmation of Receipt of Lead Pamphlet

❑ I have received a copy of the pamphlet, *Renovate Right: Important Lead Hazard Information for Families, Child Care Providers and Schools* informing me of the potential risk of the lead hazard exposure from renovation activity to be performed in my dwelling unit. I received this pamphlet before the work began.

Printed name of recipient

Date

Signature of recipient

Self-Certification Option (for tenant-occupied dwellings only) —
If the lead pamphlet was delivered but a tenant signature was not obtainable, you may check the appropriate box below.

❑ **Refusal to sign** — I certify that I have made a good faith effort to deliver the pamphlet, *Renovate Right: Important Lead Hazard Information for Families, Child Care Providers and Schools*, to the rental dwelling unit listed below at the date and time indicated and that the occupant refused to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit with the occupant.

❑ **Unavailable for signature** — I certify that I have made a good faith effort to deliver the pamphlet, *Renovate Right: Important Lead Hazard Information for Families, Child Care providers and Schools*, to the rental dwelling unit listed below and that the occupant was unavailable to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit by sliding it under the door.

Printed name of person certifying

Attempted delivery
date and time
lead pamphlet delivery

Signature of person certifying lead pamphlet delivery

Unit Address

Note Regarding Mailing Option — As an alternative to delivery in person, you may mail the lead pamphlet to the owner and/or tenant. Pamphlet must be mailed at least 7 days before renovation (Document with a certificate of mailing from the post office).


UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY

Future Sample Pre-Renovation Form

This sample form may be used by renovation firms to document compliance with the Federal pre-renovation education and renovation, repair, and painting regulations.

Occupant Confirmation

Pamphlet Receipt

❑ I have received a copy of the lead hazard information pamphlet informing me of the potential risk of the lead hazard exposure from renovation activity to be performed in my dwelling unit. I received this pamphlet before the work began.

Owner-occupant Opt-out Acknowledgment

❑ (A) I confirm that I own and live in this property, that no child under the age of 6 resides here, that no pregnant woman resides here, and that this property is not a child-occupied facility.

Note: A child resides in the primary residence of his or her custodial parents, legal guardians, foster parents, or informal caretaker if the child lives and sleeps most of the time at the caretaker's residence.

Note: A child-occupied facility is a pre-1978 building visited regularly by the same child, under 6 years of age, on at least two different days within any week, for at least 3 hours each day, provided that the visits total at least 60 hours annually.

If Box A is checked, check either Box B or Box C, but not both.

❑ (B) I request that the renovation firm use the lead-safe work practices required by EPA's Renovation, Repair, and Painting Rule; or

❑ (C) I understand that the firm performing the renovation will not be required to use the lead-safe work practices required by EPA's Renovation, Repair, and Painting Rule.

Printed Name of Owner-occupant

Signature of Owner-occupant | Signature Date

Renovator's Self Certification Option (for tenant-occupied dwellings only)

***Instructions to Renovator*:** If the lead hazard information pamphlet was delivered but a tenant signature was not obtainable, you may check the appropriate box below.

❑ **Declined** – I certify that I have made a good faith effort to deliver the lead hazard information pamphlet to the rental dwelling unit listed below at the date and time indicated and that the occupant declined to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit with the occupant.

❑ **Unavailable for signature** – I certify that I have made a good faith effort to deliver the lead hazard information pamphlet to the rental dwelling unit listed below and that the occupant was unavailable to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit by sliding it under the door or by (fill in how pamphlet was left). _____

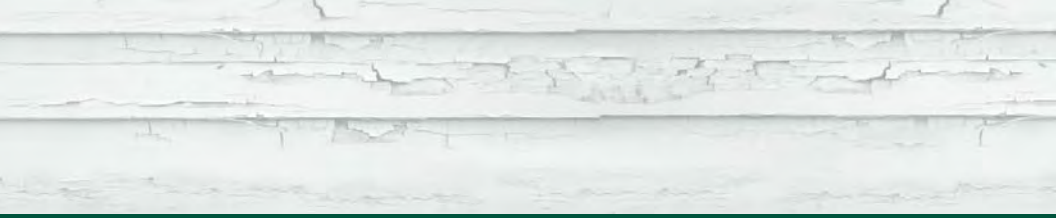
Printed Name of Person Certifying Delivery | Attempted Delivery Date

Signature of Person Certifying Lead Pamphlet Delivery

Unit Address

Note Regarding Mailing Option — As an alternative to delivery in person, you may mail the lead hazard information pamphlet to the owner and/or tenant. Pamphlet must be mailed at least seven days before renovation. Mailing must be documented by a certificate of mailing from the post office.

Note: This form is not effective until April 2010.



1-800-424-LEAD (5323)
www.epa.gov/lead

EPA-740-F-08-002
March 2008

APPENDIX B

XRF TESTING DATA
PAGES 1-17

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
1	PAINT	CAL	WOOD	CALIBRATE	INTACT	ORANGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Positive	1
2	PAINT	DOOR	WOOD	A S	INTACT	BLUE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.19
3	PAINT	DOOR C	WOOD	A S	Not Intact- FAIR	BLUE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	-0.56
4	PAINT	BASEBOARD	WOOD	B	Not Intact- FAIR	BLUE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.5
5	PAINT	WALL	PLASTER	C	Not Intact- FAIR	BEIGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0
6	PAINT	WALL	PLASTER	D	INTACT	BEIGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.8
7	PAINT	TRIM	WOOD	B	Not Intact-POOR	BEIGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.13
8	PAINT	WALL	CERAMIC TILE	C	INTACT	BEIGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.04
9	PAINT	FLOOR	CERAMIC TILE	C	INTACT	WHITE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0.02
10	PAINT	DOOR C	WOOD	B	INTACT	BEIGE	CR	100	FIRST	GLYNN ARCHER SCHL	A	Negative	0
11	PAINT	DOOR C	WOOD	A	INTACT	BLUE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.08
12	PAINT	DOOR C	WOOD	A	Not Intact-POOR	BLUE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.24
13	PAINT	DOOR	WOOD	A	INTACT	BLUE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
14	PAINT	WALL	PLASTER	A	Not Intact- FAIR	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.14
15	PAINT	WALL	PLASTER	D	Not Intact-POOR	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Positive	1.7
16	PAINT	WALL	PLASTER	D	Not Intact-POOR	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Positive	1.5
17	PAINT	WALL	PLASTER	B	INTACT	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Positive	1
18	PAINT	WALL	PLASTER	B	INTACT	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.7
19	PAINT	WALL	CERAMIC TILE	A	INTACT	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.02
20	PAINT	FLOOR	CERAMIC TILE	A	INTACT	GREEN	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
21	PAINT	TRIM	WOOD	A	Not Intact-POOR	BEIGE	BATHROOM	122	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
22	PAINT	DOOR	WOOD	A	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
23	PAINT	DOOR C	WOOD	A	Not Intact-POOR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
24	PAINT	DOOR C	WOOD	A	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0
25	PAINT	WALL	PLASTER	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.8
26	PAINT	WALL	PLASTER	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.4
27	PAINT	WALL	PLASTER	C	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.3
28	PAINT	WALL	PLASTER	C	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.4
29	PAINT	WALL	CERAMIC TILE	A	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
30	PAINT	FLOOR	CERAMIC TILE	A	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.5
31	PAINT	SINK	METAL	D	INTACT	WHITE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.06
32	PAINT	TOILET	CERAMIC TILE	D	INTACT	WHITE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.02
33	PAINT	DOOF	WOOD	D	Not Intact-POOR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.26
34	PAINT	DOOR	WOOD	D	Not Intact-POOR	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.18
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
35	PAINT	DOOR C	WOOD	D	Not Intact-POOR	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.15
36	PAINT	DOOR C	WOOD	D	Not Intact- FAIR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.4
37	PAINT	WALL	PLASTER	D	Not Intact-POOR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.5
38	PAINT	WALL	PLASTER	D	Not Intact-POOR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.09
39	PAINT	WALL	PLASTER	C	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.2
40	PAINT	WALL	PLASTER	C	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.1
41	PAINT	WALL	PLASTER	D	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0
42	PAINT	BASEBOARD	WOOD	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.15
43	PAINT	WALL	PLASTER	A	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	3
44	PAINT	WALL	PLASTER	A	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	2.9
45	PAINT	WALL	PLASTER	C	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	3
46	PAINT	TRIM	WOOD	C	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
47	PAINT	WALL	PLASTER	C	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	-0.18
48	PAINT	WALL	PLASTER	C	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.12
49	PAINT	WALL	PLASTER	A	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.07
50	PAINT	WALL	PLASTER	D	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.1
51	PAINT	WALL	CONCRETE	D	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Positive	1.5
52	PAINT	WALL	CONCRETE	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.2
53	PAINT	WALL	CONCRETE	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.24
54	PAINT	WALL	CONCRETE	D	INTACT	BEIGE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.8
55	PAINT	BASEBOARD	WOOD	D	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.3
56	PAINT	DOOR	WOOD	D	Not Intact- FAIR	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0
57	PAINT	DOOR C	WOOD	D	INTACT	BLUE	BATHROOM	124	FIRST	GLYNN ARCHER SCHL	A	Negative	0.06
58	PAINT	DOOR C	WOOD	D	Not Intact- FAIR	BLUE	CLEAN U	120	FIRST	GLYNN ARCHER SCHL	A	Negative	0.02
59	PAINT	DOOR	WOOD	D	Not Intact-POOR	BEIGE	CLEAN U	120	FIRST	GLYNN ARCHER SCHL	A	Negative	0.13
60	PAINT	BKCSE SHELF	WOOD	D	Not Intact-POOR	BEIGE	CLEAN U	120	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
61	PAINT	WALL	PLASTER	C	Not Intact- FAIR	BEIGE	CLEAN U	120	FIRST	GLYNN ARCHER SCHL	A	Negative	0
62	PAINT	WALL	WOOD	A	INTACT	BLUE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0
63	PAINT	WALL	WOOD	B	INTACT	BLUE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0
64	PAINT	WALL	WOOD	C	INTACT	BLUE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
65	PAINT	BASEBOARD	WOOD	C	Not Intact- FAIR	BLUE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0
66	PAINT	DOOR	WOOD	B	INTACT	BLUE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0.1
67	PAINT	DOOR C	WOOD	B	INTACT	WHITE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
68	PAINT	DOOR J	WOOD	B	INTACT	WHITE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0.05
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
69	PAINT	WALL	WOOD	C	INTACT	BEIGE	OFFICE	119	FIRST	GLYNN ARCHER SCHL	A	Negative	0
70	PAINT	WALL	CONCRETE	C	INTACT	BEIGE	OFFICE	119G	FIRST	GLYNN ARCHER SCHL	A	Negative	0.6
71	PAINT	BASEBOARD	WOOD	D	Not Intact-POOR	BEIGE	OFFICE	119G	FIRST	GLYNN ARCHER SCHL	A	Negative	0.4
72	PAINT	W SILL	WOOD	D	INTACT	WHITE	OFFICE	119F	FIRST	GLYNN ARCHER SCHL	A	Negative	0
73	PAINT	W SILL	WOOD	C	INTACT	BLUE	OFFICE	119F	FIRST	GLYNN ARCHER SCHL	A	Negative	0
74	PAINT	DOOR	WOOD	C	Not Intact-POOR	BLUE	CR	102	FIRST	GLYNN ARCHER SCHL	A	Negative	0.19
75	PAINT	DOOR C	WOOD	C	Not Intact-POOR	BLUE	CR	102	FIRST	GLYNN ARCHER SCHL	A	Negative	-0.02
76	PAINT	DOOR C	WOOD	C	INTACT	WHITE	CR	102	FIRST	GLYNN ARCHER SCHL	A	Negative	0.26
77	PAINT	WALL	PLASTER	C	INTACT	WHITE	CR	102	FIRST	GLYNN ARCHER SCHL	A	Negative	0.8
78	PAINT	WALL	PLASTER	A	INTACT	WHITE	CR	102	FIRST	GLYNN ARCHER SCHL	A	Negative	0.6
79	PAINT	WALL	CONCRETE	D	INTACT	WHITE	CR	102	FIRST	GLYNN ARCHER SCHL	A	Negative	0.4
80	PAINT	WALL	CONCRETE	B	INTACT	WHITE	CR	102	FIRST	GLYNN ARCHER SCHL	A	Negative	0.22
81	PAINT	BASEBOARD	WOOD	B	INTACT	BLACK	CR	102	FIRST	GLYNN ARCHER SCHL	A	Negative	0.4
82	PAINT	STR NEWAL P(	WOOD	C	Not Intact- FAIR	BLUE	STAIRS	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Negative	0.06
83	PAINT	STR HAND RAI	WOOD	C	Not Intact- FAIR	BLUE	STAIRS	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Negative	-0.12
84	PAINT	STR HAND RAI	WOOD	B	INTACT	BLUE	STAIRS	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Negative	0.17
85	PAINT	WALL	PLASTER	B	INTACT	BLUE	STAIRS	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Negative	0.11
86	PAINT	WALL	PLASTER	B	INTACT	BEIGE	STAIRS	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Positive	3
87	PAINT	TRIM	WOOD	B	INTACT	BLUE	STAIRS	STAIRS	FIRST	GLYNN ARCHER SCHL	A	Negative	0.01
88	PAINT	DOOR	WOOD	D	Not Intact- FAIR	BLUE	CR	205	SECOND	GLYNN ARCHER SCHL	A	Negative	0.14
89	PAINT	DOOR C	WOOD	D	Not Intact-POOR	BLUE	CR	205	SECOND	GLYNN ARCHER SCHL	A	Negative	0.22
90	PAINT	DOOR C	WOOD	D	Not Intact-POOR	RED	CR	205	SECOND	GLYNN ARCHER SCHL	A	Negative	0.14
91	PAINT	BASEBOARD	WOOD	D	Not Intact- FAIR	RED	CR	205	SECOND	GLYNN ARCHER SCHL	A	Negative	0.5
92	PAINT	TRIM	WOOD	D	Not Intact- FAIR	RED	CR	205	SECOND	GLYNN ARCHER SCHL	A	Negative	0
93	PAINT	WAL	PLASTER	A	INTACT	BLUE	CR	205	SECOND	GLYNN ARCHER SCHL	A	Negative	0
94	PAINT	WAL	PLASTER	B	INTACT	BLUE	CR	205	SECOND	GLYNN ARCHER SCHL	A	Negative	0
95	PAINT	WAL	PLASTER	C	INTACT	BEIGE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.1
96	PAINT	WAL	PLASTER	C	INTACT	BEIGE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.8
97	PAINT	WAL	PLASTER	C	INTACT	BEIGE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
98	PAINT	WAL	PLASTER	C	INTACT	BEIGE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.26
99	PAINT	WAL	PLASTER	C	Not Intact- FAIR	BLUE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.01
100	PAINT	WAL	PLASTER	C	INTACT	BLUE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.01
101	PAINT	WAL	PLASTER	B	INTACT	BLUE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.19
102	PAINT	WAL	PLASTER	A	INTACT	BLUE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.1
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
103	PAINT	WAL	PLASTER	A	INTACT	BLUE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0
104	PAINT	WALL	PLASTER	A	INTACT	BEIGE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.4
105	PAINT	WALL	PLASTER	A	INTACT	BEIGE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.9
106	PAINT	WALL	PLASTER	A	INTACT	BEIGE	CORR	CORR	SECOND	GLYNN ARCHER SCHL	A	Negative	0.26
107	PAINT	DOOR	WOOD	C	Not Intact- FAIR	BLUE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
108	PAINT	DOOR C	WOOD	C	INTACT	BLUE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Negative	0.08
109	PAINT	BASEBOARD	WOOD	C	Not Intact-POOR	BLACK	CR	203	SECOND	GLYNN ARCHER SCHL	A	Negative	0.27
110	PAINT	TRIM	WOOD	A	Not Intact- FAIR	BLUE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Positive	2.1
111	PAINT	WALL	WOOD	A	INTACT	BEIGE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Negative	0.18
112	PAINT	WALL	WOOD	B	Not Intact-POOR	BEIGE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Negative	0
113	PAINT	WALL	PLASTER	B	INTACT	BEIGE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Positive	1.8
114	PAINT	WALL	PLASTER	C	INTACT	BEIGE	CR	203	SECOND	GLYNN ARCHER SCHL	A	Positive	1.7
115	PAINT	WALL	PLASTER	C	INTACT	BEIGE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
116	PAINT	WALL	PLASTER	B	INTACT	BEIGE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.17
117	PAINT	WALL	PLASTER	A	Not Intact- FAIR	BEIGE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.12
118	PAINT	BASEBOARD	WOOD	A	INTACT	BEIGE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.17
119	PAINT	WALL	DRYWALL	D	INTACT	BEIGE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0
120	PAINT	DOOR	WOOD	C	Not Intact- FAIR	BLUE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.15
121	PAINT	DOOR C	WOOD	C	Not Intact- FAIR	BLUE	CR	202	SECOND	GLYNN ARCHER SCHL	A	Negative	0.11
122	PAINT	DOOR C	WOOD	C	Not Intact- FAIR	PURPLE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
123	PAINT	DOOR	WOOD	C	Not Intact-POOR	PURPLE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.05
124	PAINT	BASEBOARD	WOOD	C	Not Intact-POOR	BLACK	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.5
125	PAINT	WALL	PLASTER	C	Not Intact-POOR	BEIGE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.24
126	PAINT	WALL	PLASTER	D	Not Intact- FAIR	BEIGE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.3
127	PAINT	WALL	PLASTER	A	Not Intact- FAIR	BEIGE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.9
128	PAINT	WALL	PLASTER	A	INTACT	PURPLE	CR	213	SECOND	GLYNN ARCHER SCHL	A	Negative	0.02
129	PAINT	WALL	PLASTER	C	Not Intact- FAIR	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0.2
130	PAINT	WALL	PLASTER	D	INTACT	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0
131	PAINT	WALL	DRYWALL	D	INTACT	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0
132	PAINT	WALL	PLASTER	A	INTACT	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0.19
133	PAINT	WALL	PLASTER	B	Not Intact-POOR	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0.24
134	PAINT	BASEBOARD	WOOD	B	Not Intact- FAIR	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0.2
135	PAINT	DOOR	WOOD	C	Not Intact-POOR	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0.15
136	PAINT	DOOR C	WOOD	C	Not Intact-POOR	BEIGE	CR	200	SECOND	GLYNN ARCHER SCHL	A	Negative	0.29
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
137	PAINT	DOOR C	WOOD	D	Not Intact-POOR	PINK	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
138	PAINT	DOOR	WOOD	D	Not Intact-POOR	PINK	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.22
139	PAINT	BASEBOARD	WOOD	D	Not Intact- FAIR	BLUE	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.5
140	PAINT	WALL	PLASTER	D	Not Intact-POOR	BLUE	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.22
141	PAINT	WALL	PLASTER	A	Not Intact-POOR	BLUE	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.9
142	PAINT	WALL	PLASTER	A	Not Intact-POOR	BEIGE	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.16
143	PAINT	WALL	PLASTER	A	Not Intact-POOR	BEIGE	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.25
144	PAINT	TRIM	WOOD	D	Not Intact-POOR	PINK	CR	204	SECOND	GLYNN ARCHER SCHL	A	Negative	0.4
145	PAINT	WALL	CERAMIC TILE	D	INTACT	WHITE	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.04
146	PAINT	FLOOR	CERAMIC TILE	D	Not Intact- FAIR	WHITE	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Positive	1.3
147	PAINT	WALL	PLASTER	C	Not Intact- FAIR	BEIGE	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0
148	PAINT	WALL	PLASTER	D	Not Intact- FAIR	BEIGE	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.5
149	PAINT	WALL	PLASTER	A	Not Intact- FAIR	BEIGE	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.7
150	PAINT	DOOR	WOOD	A	Not Intact- FAIR	GREEN	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.11
151	PAINT	DOOR	WOOD	A	Not Intact- FAIR	BLUE	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.11
152	PAINT	DOOR C	WOOD	A	Not Intact- FAIR	BLUE	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Negative	0.4
153	PAINT	CALIBRATE	WOOD	CALIBRATE	INTACT	ORANGE	BATHROOM	212	SECOND	GLYNN ARCHER SCHL	A	Positive	1
154	SHUTTER_CAL												2.76
155	PAINT	CAL	WOOD	CALIBRATE	INTACT	ORANGE	CORR	CORR OUT 120	FIRST	GLYNN ARCHER SCHL	A	Positive	1.1
156	PAINT	WALL	PLASTER	CALIBRATE	Not Intact-POOR	BEIGE	CORR	CORR OUT 120	FIRST	GLYNN ARCHER SCHL	A	Positive	3.2
157	PAINT	DOOR	WOOD	A	Not Intact- FAIR	BLUE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.03
158	PAINT	DOOR C	WOOD	A	INTACT	BLUE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.16
159	PAINT	DOOR C	WOOD	A	Not Intact- FAIR	GREEN	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.29
160	PAINT	BASEBOARD	WOOD	B	Not Intact- FAIR	GREEN	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.13
161	PAINT	DOOR	WOOD	A	INTACT	WHITE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.23
162	PAINT	WALL	PLASTER	A	INTACT	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Positive	1
163	PAINT	WALL	PLASTER	B	INTACT	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.15
164	PAINT	WALL	PLASTER	D	Not Intact- FAIR	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Positive	1
165	PAINT	WALL	CONCRETE	D	INTACT	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Positive	1
166	PAINT	COLUMN	CONCRETE	D	INTACT	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Positive	1.2
167	PAINT	W SILL	PLASTER	D	Not Intact- FAIR	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.3
168	PAINT	DOOR	WOOD	D	Not Intact-POOR	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.18
169	PAINT	DOOR C	WOOD	D	Not Intact-POOR	GREEN	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.29
170	PAINT	FLOOR	WOOD	C	Not Intact- FAIR	BROWN	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
171	PAINT	TRIM	WOOD	C	Not Intact- FAIR	GREEN	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.23
172	PAINT	TRIM	WOOD	C	Not Intact- FAIR	GREEN	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.22
173	PAINT	WALL	PLASTER	C	INTACT	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.4
174	PAINT	WALL	CONCRETE	C	Not Intact- FAIR	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Positive	1.1
175	PAINT	DOOR	WOOD	B	Not Intact- FAIR	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0
176	PAINT	ST WALL	WOOD	C	Not Intact-POOR	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.12
177	PAINT	DOOR C	WOOD	B	Not Intact- FAIR	BEIGE	CORR	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.21
178	PAINT	DOOR C	WOOD	B	Not Intact-POOR	BEIGE	AUD	AUD 117C	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.2
179	PAINT	DOOR	WOOD	B	Not Intact- FAIR	BEIGE	AUD	AUD 117C	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.09
180	PAINT	DOOR C	WOOD	B	Not Intact-POOR	BEIGE	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.09
181	PAINT	DOOR	WOOD	B	Not Intact-POOR	BEIGE	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.08
182	PAINT	DOOR	WOOD	B	Not Intact- FAIR	PINK	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Positive	2.9
183	PAINT	DOOR C	WOOD	B	Not Intact-POOR	PINK	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Positive	2
184	PAINT	DOOR C	WOOD	B	Not Intact-POOR	GREY	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.08
185	PAINT	BASEBOARD	WOOD	C	Not Intact-POOR	BLACK	AUD	AUD 117D	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.13
186	PAINT	BASEBOARD	WOOD	A	Not Intact-POOR	BLACK	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.24
187	PAINT	DOOR	WOOD	D	Not Intact- FAIR	BEIGE	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.06
188	PAINT	DOOR C	WOOD	D	Not Intact-POOR	GREY	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.3
189	PAINT	DOOR C	WOOD	D	Not Intact-POOR	GREEN	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.23
190	PAINT	DOOR C	WOOD	C	Not Intact-POOR	GREY	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.5
191	PAINT	DOOR	WOOD	C	Not Intact-POOR	GREY	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.5
192	PAINT	WALL	PLASTER	C	Not Intact- FAIR	WHITE	AUD	AUD 117A	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0.4
193	PAINT	AUD CHAIRS	PLASTER	C	Not Intact- FAIR	BROWN	AUD	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0
194	PAINT	AUD CHAIRS	PLASTER	A	Not Intact- FAIR	BROWN	AUD	AUD 117	FIRST	GLYNN ARCHER SCHL	AUD	Negative	0
195	PAINT	DOOR	WOOD	A	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Positive	6.8
196	PAINT	DOOR C	WOOD	A	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.21
197	PAINT	DOOR C	WOOD	A	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.21
198	PAINT	DOOR S	METAL	A	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.01
199	PAINT	TRIM	WOOD	A	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0
200	PAINT	TRIM	WOOD	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.01
201	PAINT	WALL	WOOD	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.07
202	PAINT	WALL	PLASTER	B	Not Intact- FAIR	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.27
203	PAINT	WALL	PLASTER	A	Not Intact- FAIR	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.5
204	PAINT	WALL	CONCRETE	B	Not Intact- FAIR	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.21
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	BLDG	Results	PbC
205	PAINT	WALL	CONCRETE	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Positive	1.7
206	PAINT	DOOR	WOOD	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0
207	PAINT	DOOR C	WOOD	B	INTACT	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.04
208	PAINT	TRIM	WOOD	B	INTACT	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.03
209	PAINT	BASEBOARD	WOOD	B	Not Intact-POOR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.07
210	PAINT	WALLS	WOOD	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.03
211	PAINT	DOOR C	WOOD	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.4
212	PAINT	WALL	PLASTER	C	INTACT	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.22
213	PAINT	WALL	PLASTER	C	Not Intact- FAIR	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.5
214	PAINT	WALL	PLASTER	C	INTACT	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.4
215	PAINT	WALL	PLASTER	C	INTACT	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.3
216	PAINT	WALL	PLASTER	D	INTACT	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0
217	PAINT	WALL	PLASTER	D	INTACT	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.03
218	PAINT	WALL	PLASTER	A	INTACT	BEIGE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.4
219	PAINT	DOOR	WOOD	DA	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Positive	9
220	PAINT	DOOR	WOOD	DA	Not Intact-POOR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Positive	9.2
221	PAINT	DOOR C	WOOD	DA	Not Intact-POOR	BLUE	CORR	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.17
222	PAINT	DOOR C	WOOD	CD	Not Intact-POOR	BLUE	CORR ST	CORR	FIRST	GLYNN ARCHER SCHL	B	Negative	0.23
223	PAINT	DOOR	WOOD	D	Not Intact- FAIR	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.03
224	PAINT	DOOR C	WOOD	D	Not Intact- FAIR	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.01
225	PAINT	BASEBOARD	WOOD	D	Not Intact- FAIR	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.4
226	PAINT	WALL	CONCRETE	D	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Positive	1.7
227	PAINT	WALL	CONCRETE	D	INTACT	BEIGE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Positive	1.5
228	PAINT	WALL	CONCRETE	D	INTACT	BEIGE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Positive	1.4
229	PAINT	DOOR	WOOD	D	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.04
230	PAINT	DOOR C	WOOD	D	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.02
231	PAINT	BASEBOARD	WOOD	A	Not Intact-POOR	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.3
232	PAINT	WALL	WOOD	A	Not Intact- FAIR	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.06
233	PAINT	WALL	WOOD	A	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.07
234	PAINT	WALL	PLASTER	A	INTACT	BEIGE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Positive	1.1
235	PAINT	WALL	PLASTER	A	INTACT	BEIGE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.5
236	PAINT	WALL	DRYWALL	A	INTACT	BEIGE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0
237	PAINT	WALL	DRYWALL	A	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0
238	PAINT	WALL	PLASTER	A	INTACT	BLUE	CORR ST	CORR	SECOND	GLYNN ARCHER SCHL	B	Negative	0.4

A = SOUTH B = WEST C = NORTH D = EAST

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC	Results	PbC
239	PAINT	WALL	CONCRETE	B	Not Intact- FAIR	BLUE	CORR ST	CORR	SECOND	GAS BLDG B	B	Negative	0.29
240	PAINT	WALL	CONCRETE	B	Not Intact- FAIR	BLUE	CORR ST	CORR	SECOND	GAS BLDG B	B	Negative	0.12
241	PAINT	WALL	CONCRETE	B	Not Intact-POOR	BLUE	CORR ST	CORR	SECOND	GAS BLDG B	B	Positive	1.2
242	PAINT	WALL	CONCRETE	B	INTACT	BLUE	CORR ST	CORR	SECOND	GAS BLDG B	B	Negative	0.4
243	PAINT	WALL	PLASTER	C	INTACT	WHITE	CR	207	SECOND	GAS BLDG B	B	Negative	0.27
244	PAINT	WALL	CONCRETE	C	Not Intact- FAIR	WHITE	CR	207	SECOND	GAS BLDG B	B	Positive	1
245	PAINT	WALL	CONCRETE	A	INTACT	WHITE	CR	207	SECOND	GAS BLDG B	B	Negative	0
246	PAINT	WALL	CONCRETE	B	INTACT	WHITE	CR	207	SECOND	GAS BLDG B	B	Negative	0
247	PAINT	TRIM	WOOD	B	Not Intact- FAIR	WHITE	CR	207	SECOND	GAS BLDG B	B	Negative	0.11
248	PAINT	BASEBOARD	WOOD	B	Not Intact- FAIR	WHITE	CR	207	SECOND	GAS BLDG B	B	Negative	0.4
249	PAINT	DOOR	WOOD	B	Not Intact- FAIR	WHITE	CR	207	SECOND	GAS BLDG B	B	Negative	-0.11
250	PAINT	DOOR C	WOOD	B	Not Intact- FAIR	WHITE	CR	207	SECOND	GAS BLDG B	B	Negative	0.25
251	PAINT	DOOR C	WOOD	C	Not Intact- FAIR	BLUE	CR	215	SECOND	GAS BLDG B	B	Negative	0.4
252	PAINT	DOOR	WOOD	C	Not Intact- FAIR	BLUE	CR	215	SECOND	GAS BLDG B	B	Negative	0.19
253	PAINT	DOOR	WOOD	C	Not Intact-POOR	PURPLE	CR	215	SECOND	GAS BLDG B	B	Negative	0.7
254	PAINT	DOOR C	WOOD	C	Not Intact- FAIR	WHITE	CR	215	SECOND	GAS BLDG B	B	Negative	0.14
255	PAINT	BASEBOARD	WOOD	C	Not Intact- FAIR	WHITE	CR	215	SECOND	GAS BLDG B	B	Negative	0.21
256	PAINT	TRIM	WOOD	D	Not Intact- FAIR	WHITE	CR	215	SECOND	GAS BLDG B	B	Positive	2
257	PAINT	TRIM	WOOD	C	Not Intact- FAIR	WHITE	CR	215	SECOND	GAS BLDG B	B	Positive	1.4
258	PAINT	BASEBOARD	WOOD	C	Not Intact- FAIR	WHITE	CR	215	SECOND	GAS BLDG B	B	Negative	0.3
259	PAINT	DC	WOOD	B	Not Intact-POOR	WHITE	CR	215	SECOND	GAS BLDG B	B	Negative	0.4
260	PAINT	W F	WOOD	B	Not Intact-POOR	WHITE	CR	215	SECOND	GAS BLDG B	B	Negative	0.2
261	PAINT	WALL	PLASTER	A	Not Intact-POOR	WHITE	CR	215	SECOND	GAS BLDG B	B	Negative	0
262	PAINT	DOOR	WOOD	C	Not Intact- FAIR	BLUE	CR	215	SECOND	GAS BLDG B	B	Negative	0.4
263	PAINT	DOOR C	WOOD	C	INTACT	BLUE	CR	215	SECOND	GAS BLDG B	B	Negative	0.3
264	PAINT	DOOR C	WOOD	C	INTACT	BLUE	CR	216	SECOND	GAS BLDG B	B	Negative	0.24
265	PAINT	DOOR	WOOD	C	Not Intact- FAIR	BLUE	CR	216	SECOND	GAS BLDG B	B	Negative	0.22
266	PAINT	DOOR	WOOD	C	Not Intact-POOR	BEIGE	CR	216	SECOND	GAS BLDG B	B	Negative	0.24
267	PAINT	DOOR	WOOD	C	Not Intact- FAIR	BLUE	CR	216	SECOND	GAS BLDG B	B	Negative	0.15
268	PAINT	DOOR	WOOD	C	Not Intact-POOR	BEIGE	CR	216	SECOND	GAS BLDG B	B	Negative	0.11
269	PAINT	WALL	PLASTER	C	INTACT	WHITE	CR	216	SECOND	GAS BLDG B	B	Negative	0.9
270	PAINT	WALL	PLASTER	B	Not Intact- FAIR	WHITE	CR	216	SECOND	GAS BLDG B	B	Negative	0
271	PAINT	WALL	CERAMIC TILE	B	Not Intact- FAIR	WHITE	CR	216	SECOND	GAS BLDG B	B	Negative	0.1
272	PAINT	BASEBOARD	CERAMIC TILE	B	Not Intact-POOR	WHITE	CR	216	SECOND	GAS BLDG B	B	Positive	2.2
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC	Results	PbC
273	PAINT	BASEBOARD	CERAMIC TILE	B	Not Intact-POOR	WHITE	CR	216	SECOND	GAS BLDG B	B	Positive	1.8
274	PAINT	FLOOR	CERAMIC TILE	B	Not Intact- FAIR	GREY	CR	216	SECOND	GAS BLDG B	B	Negative	0.02
275	PAINT	TRIM	WOOD	B	Not Intact- FAIR	WHITE	CR	216	SECOND	GAS BLDG B	B	Negative	0.01
276	PAINT	WALL	DRYWALL	B	INTACT	BEIGE	CR	216	SECOND	GAS BLDG B	B	Negative	0
277	PAINT	WALL	PLASTER	D	INTACT	BEIGE	BR	217B	SECOND	GAS BLDG B	B	Negative	0
278	PAINT	WALL	CERAMIC TILE	D	INTACT	BEIGE	BR	217B	SECOND	GAS BLDG B	B	Negative	0.01
279	PAINT	FLOOR	CERAMIC TILE	D	Not Intact- FAIR	WHITE	BR	217B	SECOND	GAS BLDG B	B	Negative	0.01
280	PAINT	DOOR	WOOD	C	INTACT	BLUE	BR	217B	SECOND	GAS BLDG B	B	Negative	0.02
281	PAINT	DOOR C	WOOD	C	INTACT	BLUE	BR	217B	SECOND	GAS BLDG B	B	Negative	0
282	PAINT	DOOR C	WOOD	D	INTACT	BLUE	CR	206	SECOND	GAS BLDG B	B	Negative	0.09
283	PAINT	DOOR	WOOD	D	Not Intact- FAIR	BLUE	CR	206	SECOND	GAS BLDG B	B	Negative	0.05
284	PAINT	DOOR	WOOD	D	Not Intact- FAIR	BEIGE	CR	206	SECOND	GAS BLDG B	B	Negative	0.04
285	PAINT	BASEBOARD	WOOD	D	Not Intact-POOR	WHITE	CR	206	SECOND	GAS BLDG B	B	Negative	0.23
286	PAINT	WALL	PLASTER	B	Not Intact- FAIR	WHITE	CR	206	SECOND	GAS BLDG B	B	Negative	0.01
287	PAINT	WALL	PLASTER	A	Not Intact- FAIR	WHITE	CR	206	SECOND	GAS BLDG B	B	Positive	1.3
288	PAINT	WALL	PLASTER	D	INTACT	WHITE	CR	206	SECOND	GAS BLDG B	B	Positive	1.2
289	PAINT	WALL	PLASTER	C	INTACT	WHITE	CR	206	SECOND	GAS BLDG B	B	Negative	0
290	PAINT	TRIM	WOOD	D	Not Intact-POOR	GREEN	CR	206	SECOND	GAS BLDG B	B	Negative	0
291	PAINT	BKCSE	WOOD	B	Not Intact-POOR	GREEN	CR	206	SECOND	GAS BLDG B	B	Negative	0.03
292	PAINT	BKCSE	WOOD	B	Not Intact- FAIR	BROWN	CR	208	SECOND	GAS BLDG B	B	Negative	0.02
293	PAINT	CROWN MOLD	PLASTER	A	Not Intact-POOR	YELLOW	CR	208	SECOND	GAS BLDG B	B	Negative	0.14
294	PAINT	CROWN MOLD	WOOD	A	Not Intact-POOR	YELLOW	CR	208	SECOND	GAS BLDG B	B	Negative	0.07
295	PAINT	WALL	WOOD	A	Not Intact-POOR	YELLOW	CR	208	SECOND	GAS BLDG B	B	Negative	0.15
296	PAINT	WALL	PLASTER	A	Not Intact-POOR	YELLOW	CR	208	SECOND	GAS BLDG B	B	Negative	0.14
297	PAINT	CEILING	PLASTER	A	Not Intact-POOR	WHITE	CR	208	SECOND	GAS BLDG B	B	Negative	0.5
298	PAINT	WALL	PLASTER	B	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	Negative	0.3
299	PAINT	WALL	PLASTER	B	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	Negative	0.24
300	PAINT	WALL	PLASTER	C	Not Intact- FAIR	BLUE	CR	208	SECOND	GAS BLDG B	B	Negative	0.02
301	PAINT	WALL	PLASTER	D	Not Intact- FAIR	BLUE	CR	208	SECOND	GAS BLDG B	B	Negative	0
302	PAINT	BASEBOARD	WOOD	D	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	Negative	0
303	PAINT	TRIM	WOOD	D	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	Negative	0.04
304	PAINT	TRIM	WOOD	A	Not Intact- FAIR	BLUE	CR	208	SECOND	GAS BLDG B	B	Negative	0
305	PAINT	DOOR C	WOOD	A	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	Negative	0.2
306	PAINT	DOOR	WOOD	A	Not Intact-POOR	BLUE	CR	208	SECOND	GAS BLDG B	B	Negative	0.4
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC	Results	PbC
307	SHUTTER_CAL												2.8
308	PAINT	CAL	WOOD	CALIBRATE	INTACT	ORANGE	N	N	SECOND	GAS	B	Positive	1
309	PAINT	CAL	WOOD	CALIBRATE	INTACT	ORANGE	N	N	SECOND	GAS	B	Positive	1.1
310	PAINT	DOOR	WOOD	A	Not Intact-POOR	BLUE	CR	209	SECOND	GAS	B	Negative	0.27
311	PAINT	DOOR C	WOOD	A	Not Intact-POOR	BLUE	CR	209	SECOND	GAS	B	Negative	0.15
312	PAINT	BASEBOARD	WOOD	A	Not Intact- FAIR	BLUE	CR	209	SECOND	GAS	B	Negative	0.6
313	PAINT	BASEBOARD	WOOD	A	Not Intact- FAIR	BLUE	CR	209	SECOND	GAS	B	Negative	0.28
314	PAINT	WALL	PLASTER	A	Not Intact- FAIR	BLUE	CR	209	SECOND	GAS	B	Negative	0.21
315	PAINT	WALL	PLASTER	C	Not Intact- FAIR	BLUE	CR	209	SECOND	GAS	B	Negative	0.3
316	PAINT	WALL	DRYWALL	D	Not Intact- FAIR	BLUE	CR	209	SECOND	GAS	B	Negative	0
317	PAINT	WALL	DRYWALL	B	Not Intact- FAIR	BLUE	CR	209	SECOND	GAS	B	Negative	0
318	PAINT	CBNT FRONT	WOOD	B	Not Intact- FAIR	WHITE	CR	209	SECOND	GAS	B	Negative	0.04
319	PAINT	DOOR	WOOD	B	Not Intact-POOR	WHITE	CR	210	SECOND	GAS	B	Negative	0.06
320	PAINT	DOOR C	WOOD	B	Not Intact-POOR	WHITE	CR	210	SECOND	GAS	B	Negative	0.26
321	PAINT	BASEBOARD	WOOD	B	Not Intact- FAIR	WHITE	CR	210	SECOND	GAS	B	Negative	0.25
322	PAINT	WALL	PLASTER	A	Not Intact- FAIR	BEIGE	CR	210	SECOND	GAS	B	Negative	0.3
323	PAINT	WALL	PLASTER	C	Not Intact- FAIR	BEIGE	CR	210	SECOND	GAS	B	Negative	0.01
324	PAINT	WALL	PLASTER	C	Not Intact- FAIR	BEIGE	CR	210	SECOND	GAS	B	Negative	0
325	PAINT	WALL	PLASTER	D	Not Intact-POOR	BEIGE	CR	210	SECOND	GAS	B	Negative	0.28
326	PAINT	WALL	PLASTER	A	Not Intact- FAIR	BLUE	CR	107	FIRST	GAS	B	Negative	0.05
327	PAINT	DOOR	WOOD	A	Not Intact- FAIR	BLUE	CR	107	FIRST	GAS	B	Negative	-0.31
328	PAINT	DOOR C	WOOD	A	Not Intact-POOR	BLUE	CR	107	FIRST	GAS	B	Negative	-0.3
329	PAINT	DOOR C	WOOD	A	Not Intact- FAIR	PINK	CR	107	FIRST	GAS	B	Negative	0.19
330	PAINT	DOOR	WOOD	A	Not Intact- FAIR	PINK	CR	107	FIRST	GAS	B	Negative	0.06
331	PAINT	BASEBOARD	WOOD	B	Not Intact-POOR	BLACK	CR	107	FIRST	GAS	B	Negative	0.6
332	PAINT	TRIM	WOOD	B	Not Intact- FAIR	WHITE	CR	107	FIRST	GAS	B	Negative	0.12
333	PAINT	TRIM	WOOD	B	INTACT	YELLOW	CR	107	FIRST	GAS	B	Negative	0
334	PAINT	WALL	PLASTER	B	INTACT	YELLOW	CR	107	FIRST	GAS	B	Negative	0.09
335	PAINT	WALL	PLASTER	A	INTACT	YELLOW	CR	107	FIRST	GAS	B	Negative	0.05
336	PAINT	TRIM	WOOD	A	Not Intact- FAIR	WHITE	CR	107	FIRST	GAS	B	Negative	0.22
337	PAINT	WALL	PLASTER	D	Not Intact- FAIR	YELLOW	CR	107	FIRST	GAS	B	Negative	0.9
338	PAINT	WALL	PLASTER	D	INTACT	WHITE	CR	106	FIRST	GAS	B	Negative	0.3
339	PAINT	WALL	PLASTER	B	INTACT	WHITE	CR	106	FIRST	GAS	B	Negative	0
340	PAINT	WALL	PLASTER	A	INTACT	WHITE	CR	106	FIRST	GAS	B	Negative	0
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC	Results	PbC
341	PAINT	WALL	PLASTER	A	INTACT	WHITE	CR	106	FIRST	GAS	B	Negative	0.5
342	PAINT	DOOR	WOOD	A	Not Intact-POOR	BEIGE	CR	108	FIRST	GAS	B	Negative	-0.04
343	PAINT	DOOR C	WOOD	A	Not Intact- FAIR	BEIGE	CR	108	FIRST	GAS	B	Negative	0.08
344	PAINT	WALL	WOOD	C	Not Intact- FAIR	BEIGE	CR	108	FIRST	GAS	B	Negative	0
345	PAINT	WALL	PLASTER	A	Not Intact-POOR	BEIGE	CR	105	FIRST	GAS	B	Negative	0.01
346	PAINT	WALL	PLASTER	A	Not Intact-POOR	WHITE	CR	105	FIRST	GAS	B	Negative	0.02
347	PAINT	WALL	PLASTER	D	Not Intact- FAIR	WHITE	CR	105	FIRST	GAS	B	Negative	0.14
348	PAINT	WALL	WOOD	D	INTACT	WHITE	CR	105	FIRST	GAS	B	Negative	0.02
349	PAINT	TRIM	WOOD	C	Not Intact- FAIR	BEIGE	CR	105	FIRST	GAS	B	Negative	0.03
350	PAINT	BASEBOARD	WOOD	C	Not Intact- FAIR	BEIGE	CR	105	FIRST	GAS	B	Negative	0.7
351	PAINT	BASEBOARD	WOOD	B	INTACT	WHITE	CR	121	FIRST	GAS	B	Negative	0
352	PAINT	WAL	WOOD	B	Not Intact- FAIR	BEIGE	CR	121	FIRST	GAS	B	Negative	0.01
353	PAINT	WAL	CERAMIC TILE	C	INTACT	WHITE	CR	121A	FIRST	GAS	B	Negative	0.01
354	PAINT	DOOR	CERAMIC TILE	D	Not Intact- FAIR	WHITE	CR	121A	FIRST	GAS	B	Negative	0.12
355	PAINT	DOOR C	CERAMIC TILE	D	Not Intact- FAIR	WHITE	CR	121A	FIRST	GAS	B	Negative	0.08
356	PAINT	DOOR C	CERAMIC TILE	D	Not Intact-POOR	BLUE	BATHROOM	BOYS	FIRST	GAS	B	Negative	0
357	PAINT	WAL	PLASTER	D	Not Intact-POOR	BEIGE	BATHROOM	BOYS	FIRST	GAS	B	Negative	0.3
358	PAINT	WAL	CERAMIC TILE	B	Not Intact- FAIR	GREEN	BATHROOM	BOYS	FIRST	GAS	B	Negative	0.01
359	PAINT	FLOOR	CERAMIC TILE	B	Not Intact- FAIR	GREY	BATHROOM	BOYS	FIRST	GAS	B	Negative	0.01
360	PAINT	BASEBOARD	CERAMIC TILE	B	Not Intact- FAIR	BEIGE	BATHROOM	BOYS	FIRST	GAS	B	Positive	1.7
361	PAINT	DOOR	WOOD	D	Not Intact- FAIR	BEIGE	CR	104	FIRST	GAS	B	Negative	0.12
362	PAINT	DOOR C	WOOD	D	Not Intact-POOR	BEIGE	CR	104	FIRST	GAS	B	Negative	0.22
363	PAINT	TRIM	WOOD	D	Not Intact-POOR	BEIGE	CR	104	FIRST	GAS	B	Negative	0.11
364	PAINT	TRIM	WOOD	D	Not Intact-POOR	BEIGE	CR	104	FIRST	GAS	B	Negative	0.08
365	PAINT	WALL	PLASTER	B	INTACT	BEIGE	CR	104	FIRST	GAS	B	Negative	0.04
366	PAINT	WALL	PLASTER	A	Not Intact- FAIR	BEIGE	CR	104	FIRST	GAS	B	Negative	0.05
367	PAINT	WALL	PLASTER	A	Not Intact- FAIR	BEIGE	CR	109B	FIRST	GAS	B	Negative	0.07
368	PAINT	WALL	PLASTER	C	Not Intact- FAIR	BEIGE	CR	109B	FIRST	GAS	B	Positive	2.5
369	PAINT	WALL	PLASTER	C	Not Intact- FAIR	BEIGE	CR	109B	FIRST	GAS	B	Negative	0.9
370	PAINT	WALL	PLASTER	B	Not Intact-POOR	BEIGE	CR	109B	FIRST	GAS	B	Positive	1.6
371	PAINT	WALL	PLASTER	D	Not Intact- FAIR	BEIGE	CR	109B	FIRST	GAS	B	Negative	-0.06
372	PAINT	BASEBOARD	WOOD	B	Not Intact-POOR	BEIGE	CR	109B	FIRST	GAS	B	Negative	0.19
373	PAINT	TRIM	WOOD	A	Not Intact-POOR	BLUE	CR	109B	FIRST	GAS	B	Negative	0.13
374	PAINT	WALL	PLASTER	A	Not Intact- FAIR	BEIGE	CR	104	FIRST	GAS	B	Negative	0.21
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC	Results	PbC
375	PAINT	WALL	PLASTER	D	Not Intact- FAIR	BEIGE	STAIRS	E STAIRS	FIRST	GAS	B	Negative	0.5
376	PAINT	STR HAND RAI	WOOD	D	Not Intact- FAIR	BLUE	STAIRS	E STAIRS	FIRST	GAS	B	Negative	0.21
377	PAINT	STR NEWAL P(	WOOD	D	Not Intact- FAIR	BLUE	STAIRS	E STAIRS	FIRST	GAS	B	Negative	0.08
378	PAINT	CAL	WOOD	CALIBRATE	INTACT	ORANGE	STAIRS	E STAIRS	FIRST	GAS	B	Positive	1
379	SHUTTER_CAL												2.88
380	PAINT	CAL	WOOD	CALIBRATE	INTACT	ORANGE	N	N	N	GAS BLDG C	C	Positive	1.2
381	PAINT	D	WOOD	B	INTACT	BLUE	CR	113A	FIRST	GAS BLDG C	C	Negative	0.06
382	PAINT	DC	WOOD	B	Not Intact- FAIR	BLUE	CR	113A	FIRST	GAS BLDG C	C	Negative	0.26
383	PAINT	BASEBOARD	WOOD	B	Not Intact-POOR	YELLOW	CR	113A	FIRST	GAS BLDG C	C	Negative	0.03
384	PAINT	BASEBOARD	WOOD	B	Not Intact-POOR	YELLOW	CR	113A	FIRST	GAS BLDG C	C	Negative	0
385	PAINT	WALL	PLASTER	D	INTACT	YELLOW	CR	113A	FIRST	GAS BLDG C	C	Negative	0
386	PAINT	WALL	PLASTER	B	INTACT	YELLOW	CR	113A	FIRST	GAS BLDG C	C	Negative	0
387	PAINT	D	WOOD	B	INTACT	BLUE	BATHROOM	BOYS	FIRST	GAS BLDG C	C	Negative	0.03
388	PAINT	DC	WOOD	B	Not Intact-POOR	BLUE	BATHROOM	BOYS	FIRST	GAS BLDG C	C	Negative	0
389	PAINT	DC	WOOD	B	INTACT	BEIGE	BATHROOM	BOYS	FIRST	GAS BLDG C	C	Negative	0
390	PAINT	WALL	CERAMIC TILE	A	INTACT	BEIGE	BATHROOM	BOYS	FIRST	GAS BLDG C	C	Negative	0.01
391	PAINT	FLOOR	CERAMIC TILE	A	INTACT	GREY	BATHROOM	BOYS	FIRST	GAS BLDG C	C	Negative	0.01
392	PAINT	SINK	METAL	A	Not Intact- FAIR	WHITE	BATHROOM	BOYS	FIRST	GAS BLDG C	C	Positive	28.3
393	PAINT	SINK	METAL	A	Not Intact-POOR	WHITE	BATHROOM	BOYS	FIRST	GAS BLDG C	C	Positive	28.1
394	PAINT	TOILET	CERAMIC TILE	C	INTACT	WHITE	BATHROOM	BOYS	FIRST	GAS BLDG C	C	Negative	0.03
395	PAINT	D	WOOD	B	Not Intact- FAIR	BLUE	BATHROOM	134	FIRST	GAS BLDG C	C	Negative	0.09
396	PAINT	DC	WOOD	B	INTACT	BLUE	BATHROOM	134	FIRST	GAS BLDG C	C	Negative	0.07
397	PAINT	DC	WOOD	B	Not Intact- FAIR	WHITE	BATHROOM	134	FIRST	GAS BLDG C	C	Negative	0.3
398	PAINT	D	WOOD	B	Not Intact- FAIR	WHITE	BATHROOM	134	FIRST	GAS BLDG C	C	Negative	0.03
399	PAINT	DC	WOOD	B	Not Intact- FAIR	WHITE	BATHROOM	134	FIRST	GAS BLDG C	C	Negative	0.13
400	PAINT	W	CERAMIC TILE	B	Not Intact- FAIR	GREEN	BATHROOM	134	FIRST	GAS BLDG C	C	Negative	0.02
401	PAINT	W	PLASTER	A	INTACT	WHITE	BATHROOM	134	FIRST	GAS BLDG C	C	Negative	0.05
402	PAINT	SINK	CERAMIC TILE	C	INTACT	WHITE	BATHROOM	134	FIRST	GAS BLDG C	C	Negative	0.02
403	PAINT	D	WOOD	B	Not Intact-POOR	BLUE	BATHROOM	126	FIRST	GAS BLDG C	C	Negative	0.2
404	PAINT	DC	WOOD	B	Not Intact- FAIR	BLUE	BATHROOM	126	FIRST	GAS BLDG C	C	Negative	0.23
405	PAINT	DC	WOOD	B	Not Intact-POOR	BEIGE	BATHROOM	126	FIRST	GAS BLDG C	C	Negative	0.22
406	PAINT	W	PLASTER	A	Not Intact- FAIR	BEIGE	BATHROOM	126	FIRST	GAS BLDG C	C	Negative	0
407	PAINT	W	PLASTER	D	Not Intact- FAIR	BEIGE	CORR	CORR	FIRST	GAS BLDG C	C	Negative	0.02
408	PAINT	W	PLASTER	D	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GAS BLDG C	C	Negative	0.05
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC	Results	PbC
409	PAINT	W	PLASTER	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GAS BLDG C	C	Negative	0.06
410	PAINT	W	PLASTER	B	Not Intact- FAIR	BEIGE	CORR	CORR	FIRST	GAS BLDG C	C	Negative	0
411	PAINT	D	WOOD	B	Not Intact- FAIR	BLUE	CR	111	FIRST	GAS BLDG C	C	Negative	0.04
412	PAINT	DC	WOOD	B	Not Intact-POOR	BLUE	CR	111	FIRST	GAS BLDG C	C	Negative	0.01
413	PAINT	DC	WOOD	B	Not Intact-POOR	YELLOW	CR	111	FIRST	GAS BLDG C	C	Negative	0.06
414	PAINT	W	PLASTER	B	Not Intact- FAIR	WHITE	CR	111	FIRST	GAS BLDG C	C	Negative	0.1
415	PAINT	W	PLASTER	A	Not Intact- FAIR	WHITE	CR	111	FIRST	GAS BLDG C	C	Negative	0.05
416	PAINT	W	PLASTER	D	Not Intact-POOR	WHITE	CR	111	FIRST	GAS BLDG C	C	Negative	0.05
417	PAINT	TRIM	WOOD	D	Not Intact- FAIR	WHITE	CR	111	FIRST	GAS BLDG C	C	Negative	0.02
418	PAINT	CBNT FRONT	WOOD	C	Not Intact- FAIR	BEIGE	CR	111	FIRST	GAS BLDG C	C	Negative	0.08
419	PAINT	TRIM	WOOD	B	Not Intact- FAIR	BEIGE	CR	111	FIRST	GAS BLDG C	C	Negative	0.05
420	PAINT	TRIM	WOOD	B	Not Intact- FAIR	BEIGE	CR	111	FIRST	GAS BLDG C	C	Negative	0.06
421	PAINT	FLOOR	CERAMIC TILE	D	INTACT	WHITE	CR	111	FIRST	GAS BLDG C	C	Negative	0.09
422	PAINT	SINK	METAL	A	INTACT	WHITE	BATHROOM	111A	FIRST	GAS BLDG C	C	Negative	0.01
423	PAINT	D	WOOD	D	Not Intact- FAIR	BLUE	CR	113C	FIRST	GAS BLDG C	C	Negative	0
424	PAINT	DC	WOOD	D	Not Intact-POOR	BLUE	CR	113C	FIRST	GAS BLDG C	C	Negative	0
425	PAINT	DC	WOOD	D	Not Intact-POOR	GREEN	CR	113C	FIRST	GAS BLDG C	C	Negative	0.4
426	PAINT	BASEBOARD	WOOD	D	Not Intact-POOR	BLACK	CR	113C	FIRST	GAS BLDG C	C	Negative	0.18
427	PAINT	W	PLASTER	D	Not Intact- FAIR	GREEN	CR	113C	FIRST	GAS BLDG C	C	Negative	0.02
428	PAINT	W	PLASTER	C	Not Intact- FAIR	GREEN	CR	113C	FIRST	GAS BLDG C	C	Negative	0
429	PAINT	W	PLASTER	B	Not Intact- FAIR	GREEN	CR	113C	FIRST	GAS BLDG C	C	Negative	0
430	PAINT	WS	CERAMIC TILE	B	INTACT	RED	CR	113C	FIRST	GAS BLDG C	C	Negative	0.15
431	PAINT	WS	WOOD	B	Not Intact-POOR	RED	CR	113C	FIRST	GAS BLDG C	C	Negative	0
432	PAINT	WS	DRYWALL	A	Not Intact- FAIR	GREEN	CR	113C	FIRST	GAS BLDG C	C	Negative	0
433	PAINT	D	WOOD	A	Not Intact- FAIR	BLUE	CR	114	FIRST	GAS BLDG C	C	Negative	0.04
434	PAINT	DC	WOOD	A	INTACT	BLUE	CR	114	FIRST	GAS BLDG C	C	Negative	0.16
435	PAINT	DC	WOOD	D	INTACT	GREY	CR	114	FIRST	GAS BLDG C	C	Negative	0.06
436	PAINT	W	PLASTER	D	INTACT	BEIGE	CR	114	FIRST	GAS BLDG C	C	Negative	0.01
437	PAINT	W	PLASTER	C	INTACT	BEIGE	CR	114	FIRST	GAS BLDG C	C	Negative	0
438	PAINT	W	PLASTER	A	Not Intact- FAIR	BEIGE	CR	114	FIRST	GAS BLDG C	C	Negative	0
439	PAINT	D	WOOD	D	Not Intact-POOR	BLUE	CR	114B	FIRST	GAS BLDG C	C	Negative	0.03
440	PAINT	DC	WOOD	D	Not Intact-POOR	BLUE	CR	114B	FIRST	GAS BLDG C	C	Negative	0.09
441	PAINT	WF	WOOD	A	Not Intact- FAIR	GREY	CR	114B	FIRST	GAS BLDG C	C	Negative	0.05
442	PAINT	D	WOOD	B	Not Intact- FAIR	BLUE	CR	112	FIRST	GAS BLDG C	C	Negative	0.04
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC	Results	PbC
443	PAINT	DC	WOOD	B	Not Intact- FAIR	BLUE	CR	112	FIRST	GAS BLDG C	C	Negative	0.11
444	PAINT	BASEBOARD	WOOD	B	Not Intact- FAIR	BLACK	CR	112	FIRST	GAS BLDG C	C	Negative	0.2
445	PAINT	TRIM	WOOD	A	Not Intact- FAIR	BEIGE	CR	112	FIRST	GAS BLDG C	C	Negative	0.07
446	PAINT	TRIM	WOOD	D	INTACT	BEIGE	CR	112	FIRST	GAS BLDG C	C	Negative	0.01
447	PAINT	W	PLASTER	D	Not Intact- FAIR	BEIGE	CR	112	FIRST	GAS BLDG C	C	Negative	0.4
448	PAINT	D	WOOD	C	INTACT	BLUE	ST	115A	FIRST	GAS BLDG C	C	Negative	0.05
449	PAINT	DC	WOOD	C	Not Intact- FAIR	BLUE	ST	115A	FIRST	GAS BLDG C	C	Negative	0.17
450	PAINT	BASEBOARD	WOOD	B	Not Intact- FAIR	RED	ST	115A	FIRST	GAS BLDG C	C	Negative	0.01
451	PAINT	BASEBOARD	CERAMIC TILE	B	Not Intact- FAIR	RED	ST	115A	FIRST	GAS BLDG C	C	Negative	0.01
452	PAINT	W	PLASTER	B	Not Intact- FAIR	BEIGE	ST	115A	FIRST	GAS BLDG C	C	Negative	0.09
453	PAINT	CBNT FRONT	WOOD	D	INTACT	BLUE	ST	115A	FIRST	GAS BLDG C	C	Negative	0.03
454	PAINT	D	WOOD	A	Not Intact- FAIR	BLUE	ST	115C	FIRST	GAS BLDG C	C	Negative	0.19
455	PAINT	DC	WOOD	A	Not Intact- FAIR	BLUE	ST	115C	FIRST	GAS BLDG C	C	Negative	0.05
456	PAINT	DC	WOOD	A	Not Intact- FAIR	GREEN	ST	115C	FIRST	GAS BLDG C	C	Negative	0.4
457	PAINT	TRIM	WOOD	A	Not Intact- FAIR	GREEN	ST	115C	FIRST	GAS BLDG C	C	Negative	0.06
458	PAINT	W	PLASTER	A	INTACT	WHITE	ST	115C	FIRST	GAS BLDG C	C	Negative	0.13
459	PAINT	W	PLASTER	C	INTACT	WHITE	ST	115C	FIRST	GAS BLDG C	C	Negative	0.1
460	PAINT	BASEBOARD	CERAMIC TILE	A	Not Intact-POOR	WHITE	ST	115C	FIRST	GAS BLDG C	C	Negative	0.02
461	PAINT	W	CERAMIC TILE	C	Not Intact- FAIR	WHITE	CAF KITCH	136	FIRST	GAS BLDG C	C	Negative	0.21
462	PAINT	W	PLASTER	C	INTACT	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	Negative	0.05
463	PAINT	W	PLASTER	B	Not Intact-POOR	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	Negative	0.26
464	PAINT	BASEBOARD	WOOD	C	Not Intact-POOR	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	Negative	0.08
465	PAINT	D	WOOD	C	Not Intact- FAIR	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	Negative	0.2
466	PAINT	DC	WOOD	C	Not Intact-POOR	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	Negative	0.2
467	PAINT	DC	WOOD	C	Not Intact-POOR	BEIGE	CAF KITCH	136	FIRST	GAS BLDG C	C	Negative	0.23
468	PAINT	W	CERAMIC TILE	C	Not Intact- FAIR	GREEN	CAF KITCH	136B	FIRST	GAS BLDG C	C	Negative	0.03
469	PAINT	D	WOOD	A	Not Intact- FAIR	PINK	CAF KITCH	136B	FIRST	GAS BLDG C	C	Negative	0.03
470	PAINT	DC	WOOD	A	Not Intact-POOR	PINK	CAF KITCH	136B	FIRST	GAS BLDG C	C	Negative	0.05
471	PAINT	W	PLASTER	A	Not Intact- FAIR	WHITE	CAF KITCH	136B	FIRST	GAS BLDG C	C	Negative	0.1
472	PAINT	DC	WOOD	D	Not Intact- FAIR	WHITE	CAF KITCH	136B	FIRST	GAS BLDG C	C	Negative	0.3
473	PAINT	D	WOOD	D	Not Intact- FAIR	WHITE	CAF KITCH	136B	FIRST	GAS BLDG C	C	Negative	0.01
474	PAINT	BASEBOARD	WOOD	A	Not Intact-POOR	WHITE	CAF KITCH	136B	FIRST	GAS BLDG C	C	Negative	0
475	PAINT	DF	WOOD	C	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GAS BLDG C	C	Negative	0.04
476	PAINT	W	PLASTER	B	Not Intact- FAIR	BLUE	CORR	CORR	FIRST	GAS BLDG C	C	Negative	0.09
		A = SOUTH		B = WEST		C = NORTH		D = EAST					

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC	Results	PbC
477	PAINT	W	STUCCO	C	Not Intact- FAIR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0.06
478	PAINT	W	STUCCO	C	Not Intact- FAIR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0.05
479	PAINT	W	STUCCO	C	Not Intact-POOR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0.18
480	PAINT	RISER	METAL	C	Not Intact- FAIR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	-0.4
481	PAINT	CONDUIT	METAL	C	Not Intact- FAIR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0
482	PAINT	BRACKET	METAL	C	Not Intact-POOR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0
483	PAINT	HEADER	WOOD	C	Not Intact-POOR	WHITE	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0
484	PAINT	W	STUCCO	C	Not Intact- FAIR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0.5
485	PAINT	W	STUCCO	C	Not Intact-POOR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0
486	PAINT	W	STUCCO	A	Not Intact-POOR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0.01
487	PAINT	W	STUCCO	A	Not Intact-POOR	YELLOW	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0
488	PAINT	D	WOOD	A	Not Intact- FAIR	GREEN	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0
489	PAINT	DC	WOOD	A	Not Intact-POOR	GREEN	EXTERIOR	N	FIRST	GAS BLDG C	C	Negative	0.16
490	PAINT	DC	WOOD	C	Not Intact-POOR	GREEN	EXTERIOR	N	FIRST	GAS BLDG B	B	Negative	0.16
491	PAINT	D	WOOD	C	Not Intact- FAIR	GREEN	EXTERIOR	N	FIRST	GAS BLDG B	B	Negative	0
492	PAINT	W	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	Positive	1.5
493	PAINT	W	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	Positive	1.2
494	PAINT	W	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	Negative	0.13
495	PAINT	W	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	Positive	1.6
496	PAINT	W SMOOTH	STUCCO	D	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	Negative	0.3
497	PAINT	W	STUCCO	A	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	Negative	0.08
498	PAINT	W	STUCCO	A	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	Negative	0
499	PAINT	WS	CONCRETE	A	Not Intact-POOR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	Negative	0.02
500	PAINT	WS	STUCCO	A	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	Negative	0.06
501	PAINT	W	STUCCO	A	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG B	B	Negative	0.19
502	PAINT	COLUMN	STUCCO	A	Not Intact-POOR	WHITE	EXTERIOR	N	FIRST	GAS BLDG B	B	Negative	0.08
503	PAINT	L	STUCCO	A	Not Intact- FAIR	WHITE	EXTERIOR	N	FIRST	GAS BLDG B	B	Negative	0.16
504	PAINT	D	WOOD	B	Not Intact-POOR	GREEN	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	Positive	4.4
505	PAINT	DC	WOOD	B	Not Intact-POOR	GREEN	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	Positive	5.8
506	PAINT	COLUMN	CONCRETE	B	Not Intact- FAIR	WHITE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	Negative	0.4
507	PAINT	TRIM	CONCRETE	B	Not Intact- FAIR	WHITE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	Negative	0.3
508	PAINT	L	CONCRETE	B	Not Intact- FAIR	WHITE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	Negative	0.24
509	PAINT	W	STUCCO	B	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	Negative	0.01
510	PAINT	W	STUCCO	B	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	Positive	1

A = SOUTH B = WEST C = NORTH D = EAST

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC	Results	PbC
511	PAINT	W	STUCCO	B	Not Intact- FAIR	BEIGE	EXTERIOR	N	FIRST	GAS BLDG AUD	AUD	Negative	0.4
512	PAINT	W	WOOD	C	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Positive	1.1
513	PAINT	W	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.08
514	PAINT	W	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.09
515	PAINT	W	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.08
516	PAINT	W	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.01
517	PAINT	W	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.5
518	PAINT	COLUMN	STUCCO	D	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.1
519	PAINT	COLUMN	CONCRETE	D	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.16
520	PAINT	FLOOR	CONCRETE	D	Not Intact- FAIR	GREY	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.02
521	PAINT	D	WOOD	D	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Negative	0.29
522	PAINT	DC	WOOD	D	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG AUD	AUD	Positive	1.8
523	PAINT	D	WOOD	C	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	8.4
524	PAINT	DC	WOOD	C	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	8.2
525	PAINT	D	WOOD	C	Not Intact- FAIR	BLUE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	8.7
526	PAINT	DC	WOOD	C	Not Intact- FAIR	BLUE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	5.4
527	PAINT	W	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.15
528	PAINT	W	STUCCO	C	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.05
529	PAINT	COLUMN	CONCRETE	C	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.23
530	PAINT	D	WOOD	CB	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	6.7
531	PAINT	DC	WOOD	CB	Not Intact-POOR	BLUE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	6.9
532	PAINT	STAIRS	METAL	B	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	1.4
533	PAINT	H RAIL	METAL	B	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.13
534	PAINT	D	WOOD	B	INTACT	GREEN	EXTERIOR	ST	SECOND	GAS BLDG A	A	Negative	0
535	PAINT	DC	WOOD	B	Not Intact- FAIR	GREEN	EXTERIOR	ST	SECOND	GAS BLDG A	A	Negative	0.01
536	PAINT	W	STUCCO	B	Not Intact- FAIR	BEIGE	EXTERIOR	ST	SECOND	GAS BLDG A	A	Negative	0.09
537	PAINT	W	STUCCO	B	Not Intact- FAIR	BEIGE	EXTERIOR	ST	SECOND	GAS BLDG A	A	Negative	0.5
538	PAINT	COLUMN	STUCCO	B	Not Intact- FAIR	WHITE	EXTERIOR	ST	SECOND	GAS BLDG A	A	Negative	0.6
539	PAINT	W	STUCCO	A	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.07
540	PAINT	W	STUCCO	A	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.15
541	PAINT	W	STUCCO	A	Not Intact- FAIR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.9
542	PAINT	COLUMN	CONCRETE	A	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.22
543	PAINT	W FRAME	WOOD	A	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.13
544	PAINT	W SILL	WOOD	A	Not Intact-POOR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.3

A = SOUTH B = WEST C = NORTH D = EAST

GLYNN ARCHER ELEMENTARY SCHOOL - 1302 WHITE STREET, KEY WEST, FL

Reading Nc	Type	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	ROOM NUMBER	FLOOR	SITE/ADDRESS	INSPECTC	Results	PbC
545	PAINT	DC	WOOD	A	Not Intact- FAIR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.04
546	PAINT	D	WOOD	A	Not Intact- FAIR	GREEN	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0
547	PAINT	CEILING	WOOD	A	Not Intact-POOR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.02
548	PAINT	BEAM	WOOD	A	Not Intact- FAIR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	1.8
549	PAINT	CEILING F	WOOD	A	Not Intact-POOR	WHITE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.5
550	PAINT	TIGER	METAL	A	Not Intact-POOR	ORANGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	2.7
551	PAINT	STEPS	CONCRETE	D	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Negative	0.08
552	PAINT	STAIRS	METAL	D	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG A	A	Positive	1.7
553	PAINT	STAIRS	METAL	D	Not Intact-POOR	BEIGE	EXTERIOR	ST	FIRST	GAS BLDG C	C	Positive	5.1
554	PAINT	N	WOOD	CALIBRATE	INTACT	ORANGE						Positive	1

A = SOUTH B = WEST C = NORTH D = EAST

APPENDIX C

FIGURES

APPENDIX D

PHOTOGRAPHS

Photograph #1: Wall paint identified with LBP (XRF #15).

Photograph #2: Wall paint identified with LBP (XRF #25).

Photograph #3: Wall paint identified with LBP (XRF #28).

Photograph #4: Wall paint identified with LBP (XRF #43).

Photograph #5: Wall paint identified with LBP (XRF #39).

Photograph #6: Wall paint identified with LBP (XRF #113).

Photograph #7: Ceramic tile identified with lead during this inspection (XRF#212).

Photograph #8: Auditorium walls and columns identified with LBP during this inspection.

Photograph #9: Door and door casing identified with LBP during this inspection (XRF #182-183).

Photograph #10: Typical wood door identified with LBP during this inspection (XRF #196, 219, 220).

Photograph #11: LBP identified on wood trim during this inspection (XRF #256-257).

Photograph #12: Lead identified on ceramic baseboard (XRF # 272).

Photograph #13: LBP identified on wall during this inspection (XRF #287-288).

Photograph #14: Lead identified on beige ceramic tile (XRF #360).

Photograph #15: LBP identified on classroom wall (XRF #368).

Photograph #16: Lead identified on metal sink.

Photograph #17: LBP identified on exterior stucco

Photograph #18: LBP identified on exterior stucco

Photograph #19: LBP in poor condition identified on exterior wood shed attached to the Auditorium building (XRF #512)

Photograph #20: LBP in poor condition identified on exterior wood shed attached to the Auditorium building (XRF #512)

Photograph #21: Exterior door paint identified with LBP during this (XRF #504)

Photograph #22: Typical exterior stairwell identified with LBP during this inspection.

Photograph #23: Front entrance to Glynn R. Archer elementary school.

Photograph #24: Exterior wood beam paint identified with LBP during this inspection (XRF #548).

Photograph #25: Exterior metal tiger statue paint identified with LBP during this (XRF #548).

APPENDIX E

CERTIFICATES

United States Environmental Protection Agency

This is to certify that

EE&G Environmental Services, LLC

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires September 8, 2013

FL-10142-3

Certification #

SEP 2 2 2010

Issued On

Jeaneanne M. Gettle, Chief

Pesticides and Toxic Substances Branch

United States Environmental Protection Agency

This is to certify that

Hiram Andres Aguiar

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Risk Assessor

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires August 1, 2014

FL-R-9781-1

Certification #

JUL 28 2011

Issued On

Jeaneanne M. Gettle, Chief

Pesticides and Toxic Substances Branch

United States Environmental Protection Agency

This is to certify that

Daniel Joseph Cottrell

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as a:

Risk Assessor

In the Jurisdiction of:

Florida

This certification is valid from the date of issuance and expires December 27, 2013

FL-R-10745-3
Certification #

FEB 2 - 2011
Issued On

Jeanne M. Gettle, Chief
Pesticides and Toxic Substances Branch

EE&G
Environmental Services, LLC

5751 Miami Lakes Drive
Miami Lakes, Florida 33014
Tel (305) 374-8300
Fax (305) 374-9004
www.eeandg.com

August 21, 2012
Project No. 2012-2373

Mr. Andrew H. Smyth
CH_2M HILL
6410 5th St, Suite 2A
Key West, FL 33040

Subject: **Final Air Clearance Testing Results**
Glynn Archer Elementary School Complex (City Hall Planning Project)
Buildings A, B and Auditorium: Exploratory Engineering Studies
Spot VFT/Mastic and Linoleum Abatement
1302 White Street
Key West, FL 33040

Dear Mr. Smyth,

EE&G Environmental Services, LLC (EE&G) has completed final air clearance testing for the subject work areas. At the request of CH2M Hill (to accommodate exploratory cutting), nonfriable asbestos-containing flooring materials were spot removed from the following 13 areas on July 14-15, 2012 by Simpson Environmental of Trilby, Florida:

Building A – Rooms 102, 103, Main Office (119C), 122

Building B – Rooms 104, 105 (NW and SE), 107, 109, 206 and 208

Auditorium – NW corner, Center seats

In the afternoon of July 14 and 15, following the completion of removal and encapsulation procedures in each area (<12-15SF each), Mr. Sean Nemser conducted PCM final air clearance under aggressive conditions and analyzed the samples by Phase Contrast Microscopy (PCM) in accordance with the National Institute of Occupational Safety and Health (NIOSH) Method 7400.

The United States (US) Environmental Protection Agency (EPA) clean air standard for airborne asbestos fibers is 0.01 fibers/cubic centimeter (f/cc). The airborne fiber concentration of all final air clearance samples collected during this project were less than 0.007 fibers/cc and so remained well below the EPA clean air standard of 0.010 fibers/cc. The results of these final air clearance analyses are attached as Appendix A. See Appendix B-D for other project-related data.

EE&G believes these hall and classroom flooring areas present no asbestos-related health hazard to renovation workers or future employees or patrons at this site.

If you have any questions or comments on any of this material, please call us.

Sincerely,

Richard D. Grupenhoff
GAES Project Manager
RG/DC: rg attachments

Reviewed by

Daniel J. Cottrell, Ph.D., P.G.
Asbestos Consultant #DD0000010

Mr. Andrew Smyth
August 21, 2012
Appendices

APPENDIX A

PCM FINAL
AIR SAMPLE RESULTS
JULY 14-15, 2012

EE&G
AIR SAMPLE ANALYSIS REPORT

PREPARED FOR: **CH2M HILL**
ATTN: ANDREW SMYTH
6410 5th STREET, SUITE 2A
KEY WEST, FL 33040
(305) 294-1645; FAX (305) 294-4913

PREPARED BY: EE&G ENVIRONMENTAL SERVICES, LLC
5751 MIAMI LAKES DRIVE
MIAMI LAKES, FL 33014
(305) 374-8300; FAX (305) 374-1666

TEST TYPE : WIP

PROJECT : GLYNN ARCHER ELEMENTARY SCHOOL
LOCATION : BUILDING A & AUDITORIUM

RECEIVED : 7/14/2012
RECEIVED BY : RDG

SAMPLED BY : SN

Material Being Removed : VFT/MASTIC
Respiratory Protection : 1/2 FACE

PROJECT NUMBER: 2012-2373

ID#	ANA	SAMPLE NUMBER	DATE SAMPLED	LOCATION DESCRIPTION	VOLUME (Liters)	DURATION (Minutes)	FLOW (L/Min)	# OF FIBERS	# OF FIELDS	CONCENTRATION (Fibers/cc)
01A	SN	1W	7/14/2012	ROOM 122A-HALLWAY	466	233	2.0	4.0	100	< 0.011
02A	SN	2W	7/14/2012	ROOM 122A-HEPA EXHAUST	360	180	2.0	3.0	100	< 0.014
03A	SN	3W	7/14/2012	ROOM 103-HALLWAY	440	220	2.0	2.0	100	< 0.011
04A	SN	4W	7/14/2012	AUDITORIUM	426	213	2.0	5.0	100	< 0.012
05A	SN	5B	7/14/2012	BLANK-IN	0	0	0.0	0.5	100	0.000
06A	SN	6B	7/14/2012	BLANK-OUT	0	0	0.0	0.0	100	0.000

QC ACCEPTABLE
JUL 17 2012
QA/QC OFFICER
Quality Control Officer

ABBREVIATIONS: ANA = Analyst; ID# = Sample ID

METHODS: All air sample preparations and laboratory analyses were carried out following NIOSH Method 7400 (Phase Contrast Microscopy).

EE&G
5751 Miami Lakes Drive
Miami Lakes, Florida 33014
(305) 374-8300 $ (305) 374-1666 Fax

DATE: 07/14/12	CLIENT: EH2M Hill	PROJECT: Glynn Archer Elem. P/N: 2012-2373	WORK AREA LOCATION(S): LORA Building "A" "Aud"
TEST TYPE(S): WIP		FILTER TYPE: (PCM) TEM (25mm) 37mm (MCE) PC	MEANS OF PUMP CALIBRATION: Roto

RESPIRATOR TYPE: (1/2 FACE) TYPE "C" FULL FACE PAPR NONE

SAMPLE#	SAMPLE DESCRIPTION/ LOCATION	CREW WORK ACTIVITY	PUMP #	TIME (IN MIN) ON/OFF TIME	24 HOUR CLOCK TOTAL MINUTES	FLOW START FLOW	FLOW STOP FLOW	RATE (L/MIN) AVG FLOW	TOTAL AIR VOLUME (LITERS)	FIBER # OF FIBERS	COUNT # OF FIELDS	INFO CONCENTRATION (FIB/CC)	8HR TWA (FIB/CC)
WIP-1	122A - Hall	Vpomps	m353	1017/1410	233	2	2	2	466	4	100		
WIP-2	122A - Hepa		m352	1020/1320	180				360L	3	100		
WIP-3	103 - Hall		m351	1021/1411	220				440L	2	100		
WIP-4	Auditorium	↓	m354	1040/1412	213			↓	426L	5	100		
B-1	Blankin	-	-	-	-	-	-	-	-	.5	100		
B-2	Blankout	-	-	-	-	-	-	-	-	0	100		

CHAIN OF CUSTODY:

NAME & AFFILIATION	DATE/TIME	PURPOSE
SN	7/14	COLLECTION
SN	7/14	TRANSPORT
SN	7/14	ANALYSIS

CASSETTE LOT#

RESULTS NEEDED BY_____, CONTACT_____,

AT PHONE/BEEPER#

EE&G
AIR SAMPLE ANALYSIS REPORT

PREPARED FOR: **CH2M HILL**
ATTN: ANDREW SMYTH
6410 5th STREET, SUITE 2A
KEY WEST, FL 33040
(305) 294-1645; FAX (305) 294-4913

PREPARED BY: EE&G ENVIRONMENTAL SERVICES, LLC
5751 MIAMI LAKES DRIVE
MIAMI LAKES, FL 33014
(305) 374-8300; FAX (305) 374-1666

TEST TYPE : PCM FINAL

PROJECT : GLYNN ARCHER ELEMENTARY SCHOOL
LOCATION : BUILDING A & AUDITORIUM

RECEIVED : 7/14/2012
RECEIVED BY : RDG

SAMPLED BY : SN

Material Being Removed : VFT/MASTIC
Respiratory Protection : 1/2 FACE

PROJECT NUMBER: 2012-2373

ID#	ANA	SAMPLE NUMBER	DATE SAMPLED	LOCATION DESCRIPTION	VOLUME (Liters)	DURATION (Minutes)	FLOW (L/Min)	# OF FIBERS	# OF FIELDS	CONCENTRATION (Fibers/cc)
01A	SN	1F	7/14/2012	ROOM 122A	720	48	15.0	2.0	100	< 0.007
02A	SN	2F	7/14/2012	AUDITORIUM	720	48	15.0	1.0	100	< 0.007
03A	SN	3F	7/14/2012	AUDITORIUM	720	48	15.0	2.0	100	< 0.007
04A	SN	4F	7/14/2012	ROOM 196	720	48	15.0	1.0	100	< 0.007
05A	SN	5F	7/14/2012	ROOM 103	720	48	15.0	3.0	100	< 0.007
06A	SN	6F	7/14/2012	ROOM 102	720	48	15.0	2.0	100	< 0.007
07A	SN	7B	7/14/2012	BLANK-IN	0	0	0.0	0.5	100	0.000
08A	SN	8B	7/14/2012	BLANK-OUT	0	0	0.0	0.0	100	0.000

QC ACCEPTABLE
Quality Control Officer 7/30/2012
QA/QC OFFICER

ABBREVIATIONS: ANA = Analyst; ID# = Sample ID

METHODS: All air sample preparations and laboratory analyses were carried out following NIOSH Method 7400 (Phase Contrast Microscopy).

EE&G

5751 Miami Lakes Drive
Miami Lakes, Florida 33014
(305) 374-8300 $ (305) 374-1666 Fax

DATE: 07/14/12	CLIENT: CH2m Hill	PROJECT: Glynn Archer Elem. P/N: 2012-2373	WORK AREA LOCATION(S): GRA Building "A", AUD
TEST TYPE(S): PCM Final		FILTER TYPE: (PCM) TEM ~~25mm 37mm~~ ~~MCE PC~~	MEANS OF PUMP CALIBRATION: Roto
			RESPIRATOR TYPE: ~~1/2 FACE~~ PAPR (FULL FACE TYPE "C") ~~NONE~~

SAMPLE#	SAMPLE DESCRIPTION/ LOCATION	CREW WORK ACTIVITY	PUMP #	TIME (IN MIN) ON/OFF TIME	24 HOUR CLOCK TOTAL MINUTES	FLOW START FLOW	FLOW STOP FLOW	RATE (L/MIN) AVG FLOW	TOTAL AIR VOLUME (LITERS)	FIBER # OF FIBERS	COUNT # OF FIELDS	INFO CONCENTRATION (FIB/CC)	8HR TWA (FIB/CC)
F-1	122A	VPtmas	00	1119/1207	48	15	15	15	720	2	100		
F-2	AUD	↓	00	1300/1348	↓	↓	↓	↓	↓	1	100		
F-3	AUD		12	1301/1349						2	100		
F-4	196		3	1330/1418						1	100		
F-5	103	↓	8	1332/1420						3	100		
F-6	102	↓	1	1333/1421	↓	↓	↓	↓	↓	2	100		
B-1	Blank-in	-	-	-	-	-	-	-	-	5	100		
B-2	Blank-out	-	✓	-	✓	-	✓	✓	-	0	100		

CHAIN OF CUSTODY:

NAME & AFFILIATION	DATE/TIME	PURPOSE
SN	7/14	COLLECTION
SN	7/14	TRANSPORT
SN	7/14	ANALYSIS

CASSETTE LOT#

RESULTS NEEDED BY_____, CONTACT_____,

AT PHONE/BEEPER#

EE&G
AIR SAMPLE ANALYSIS REPORT

PREPARED FOR: **CH2M HILL**
ATTN: ANDREW SMYTH
6410 5th STREET, SUITE 2A
KEY WEST, FL 33040
(305) 294-1645; FAX (305) 294-4913

PREPARED BY: EE&G ENVIRONMENTAL SERVICES, LLC
5751 MIAMI LAKES DRIVE
MIAMI LAKES, FLORIDA 33014
(305) 374-8300; (305) 374-9004

TEST TYPE : PCM FINAL

PROJECT : GLYNN ARCHER ELEMENTARY SCHOOL
LOCATION : BUILDING B

RECEIVED : 7/15/2012
RECEIVED BY : RDG

SAMPLED BY : SN

Material Being Removed : VFT/MASTIC
Respiratory Protection : 1/2 FACE

PROJECT NUMBER: 2012-2373

ID#	ANA	SAMPLE NUMBER	DATE SAMPLED	LOCATION DESCRIPTION	VOLUME (Liters)	DURATION (Minutes)	FLOW (L/Min)	# OF FIBERS	# OF FIELDS	CONCENTRATION (Fibers/cc)
01A	SN	7F	7/15/2012	ROOM 109B-ENTRANCE	720	48	15.0	3.0	100	< 0.007
02A	SN	8F	7/15/2012	ROOM 109B-BACK	720	48	15.0	4.0	100	< 0.007
03A	SN	9F	7/15/2012	ROOM 104-ENTRANCE	720	48	15.0	3.0	100	< 0.007
04A	SN	10F	7/15/2012	ROOM 104-BACK	720	48	15.0	2.0	100	< 0.007
05A	SN	11F	7/15/2012	ROOM 208-ENTRANCE	720	48	15.0	3.0	100	< 0.007
06A	SN	12F	7/15/2012	ROOM 208-BACK	720	48	15.0	2.0	100	< 0.007
07A	SN	13F	7/15/2012	ROOM 206-ENTRANCE	720	48	15.0	2.0	100	< 0.007
08A	SN	14F	7/15/2012	ROOM 206-BACK	720	48	15.0	3.0	100	< 0.007
09A	SN	15F	7/15/2012	ROOM 105-ENTRANCE	720	48	15.0	4.0	100	< 0.007
10A	SN	16F	7/15/2012	ROOM 105-BACK	720	48	15.0	3.0	100	< 0.007

QC ACCEPTABLE
JUL 17 2012
QA/QC OFFICER

EE&G, LLC's liability, if any, for the results indicated herein is specificallylimited to the cost of this report, all warranties whether expressed or implied being disclaimed.

ABBREVIATIONS: ANA = Analyst; ID# = Sample ID

METHODS: All air sample preparations and laboratory analyses were carried out following NIOSH Method 7400 (Phase Contrast Microscopy).

EE&G

CLIENT: CH2M HILL
PROJECT: GLYNN ARCHER ELEMENTARY SCHOOL
LOCATION: BUILDING B

AIR SAMPLE ANALYSIS REPORT CONTINUED

PROJECT NUMBER 2012-2373

ID#	ANA	SAMPLE NUMBER	DATE SAMPLED	LOCATION DESCRIPTION	VOLUME (Liters)	DURATION (Minutes)	FLOW (L/Min)	# OF FIBERS	# OF FIELDS	CONCENTRATION (Fibers/cc)
11A	SN	17F	7/15/2012	ROOM 107-ENTRANCE	720	48	15.0	3.0	100	< 0.007
12A	SN	18F	7/15/2012	ROOM 107-BACK	720	48	15.0	5.0	100	< 0.007
13A	SN	19B	7/15/2012	BLANK-IN	0	0	0.0	0.0	100	0.000
14A	SN	20B	7/15/2012	BLANK-OUT	0	0	0.0	0.0	100	0.000

QC ACCEPTABLE
Quality Control Officer
JUL 17 2012
QA/QC OFFICER

EE&G, LLC's liability, if any, for the results indicated herein is specificallylimited to the cost of this report, all warranties whether expressed or implied being disclaimed.

ABBREVIATIONS: ANA = Analyst; ID# = Sample ID

METHODS: All air sample preparations and laboratory analyses were carried out following NIOSH Method 7400 (Phase Contrast Microscopy).

EE&G
5751 Miami Lakes Drive
Miami Lakes, Florida 33014
(305) 374-8300 $ (305) 374-1666 Fax

BM BM

DATE: 07/16/12	CLIENT: CH2MHill	PROJECT: Glynn Archer Elem. P/N: 2012-2373	WORK AREA LOCATION(S): Building "B"
TEST TYPE(S): PCM Final		FILTER TYPE: (PCM) TEM (25mm) 37mm (MCE) PC	MEANS OF PUMP CALIBRATION: Roto
			RESPIRATOR TYPE: (1/2 FACE) TYPE "C" FULL FACE NONE

SAMPLE#	SAMPLE DESCRIPTION/ LOCATION	CREW WORK ACTIVITY	PUMP #	TIME (IN MIN) ON/OFF TIME	24 HOUR CLOCK TOTAL MINUTES	FLOW START FLOW	RATE STOP FLOW	(L/MIN) AVG FLOW	TOTAL AIR VOLUME (LITERS)	FIBER # OF FIBERS	COUNT # OF FIELDS	INFO CONCENTRATION (FIB/CC)	8HR TWA (FIB/CC)
F-7	104B - Entrance	VFT mas	3	755/843	48	15	15	15	720	3	100		
F-8	104B - Back		1	756/844						4	100		
F-9	104 - Entrance		00	905/953						3	100		
F-10	104 - Back		21	906/954						2	100		
F-11	208 - Entrance		60	823/901						3	100		
F-12	208 - Back		21	822/900						2	100		
F-13	206 - Entrance		3	846/934						2	100		
F-14	206 - Back		1	847/935						3	100		
F-15	105 - Entrance		00	955/1043						4	100		
F-16	105 - Back		21	958/1044						3	100		
F-17	107 - Entrance		3	938/1024						3	100		
F-18	107 - Back		1	939/1027						5	100		
B-1	-	-	-	-	-	-	-	-	-	0	100		
B-2	-	-	-	-	-	-	-	-	-	0	100		

CHAIN OF CUSTODY:

NAME & AFFILIATION	DATE/TIME	PURPOSE
SM	7/15	COLLECTION
SM	7/15	TRANSPORT
SM	7/15	ANALYSIS

CASSETTE LOT#

RESULTS NEEDED BY_____, CONTACT_____

AT PHONE/BEEPER#

APPENDIX B

FIGURES

STRUCTURAL INVESTIGATION
BUILDINGS A & B AND AUDITORIUM - FIRST FLOOR PLAN

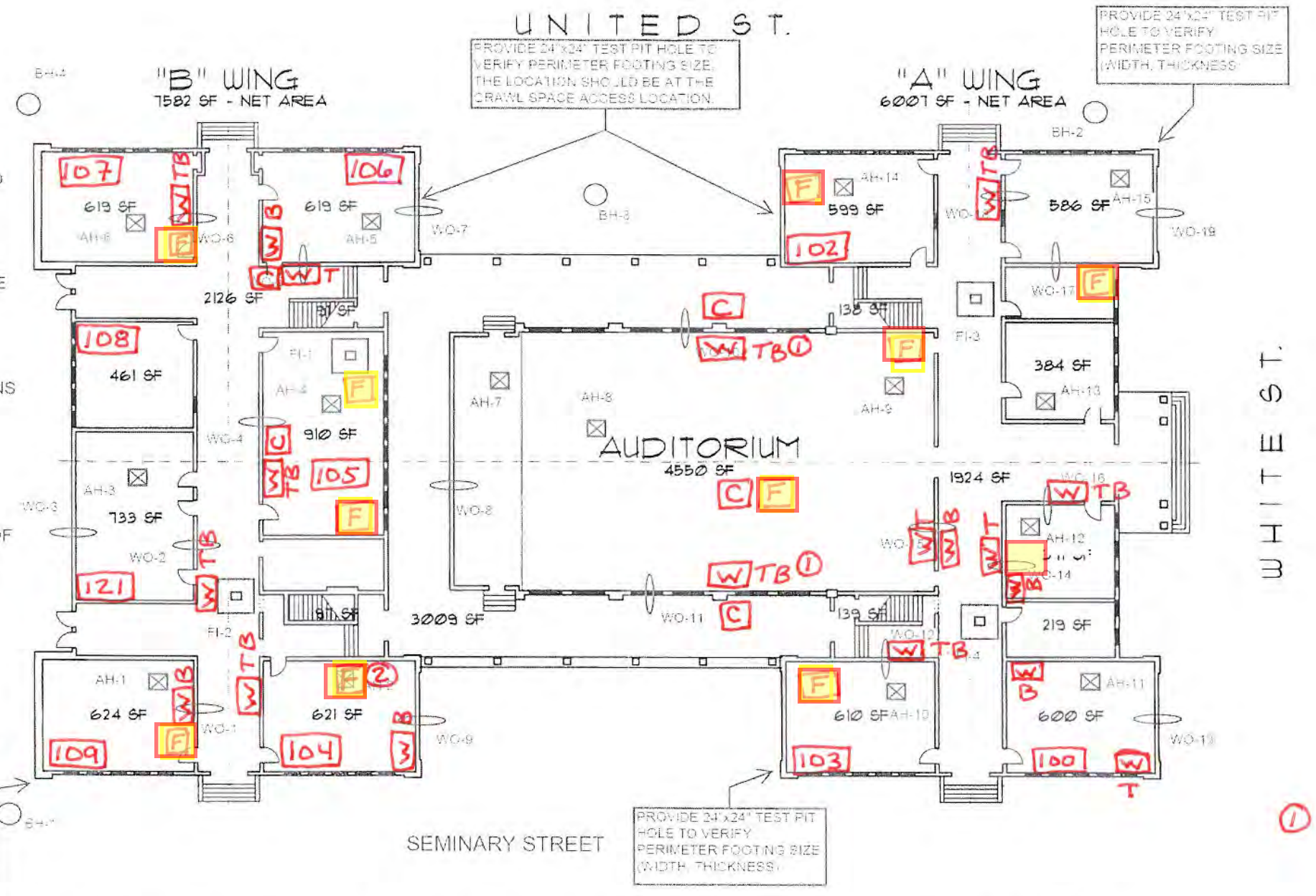
LEGEND:

ACCESS HOLES:
INDICATES 24"x24" ACCESS HOLE TO BE CUT AT THE EXISTING FIRST LEVEL TO EXPOSE THE EXISTING FLOOR STRUCTURE (BEAMS AND JOISTS) MEMBERS. UNLESS OTHER MEANS TO ACCESS THE UNDER SIDE OF THE FIRST FLOOR STRUCTURE EXISTS.

BORE HOLES:
INDICATES APPROXIMATE LOCATIONS OF THE SOIL INVESTIGATION BY BORING.

WALL OPENINGS:
INDICATES APPROXIMATE LOCATIONS OF THE INTERIOR WALL INVESTIGATION. EXPOSE BOTTOM OF WALL BY CUTTING 12"x16" OPENING AND EXPOSE TOP OF WALL ABOVE THE DROPPED CEILING LEVEL BY CUTTING 12"x16" OPENING.

FOOTING INVESTIGATION:
LOCATE TWO INTERIOR SPREAD FOOTINGS AND EXCAVATE TO THE BOTTOM OF FOOTING TO VERIFY THE FOOTING SIZE (LENGTH, WIDTH, AND THICKNESS).



Partial First Floor Plan – A&B Wings

AREAS ABATED
0714-071512

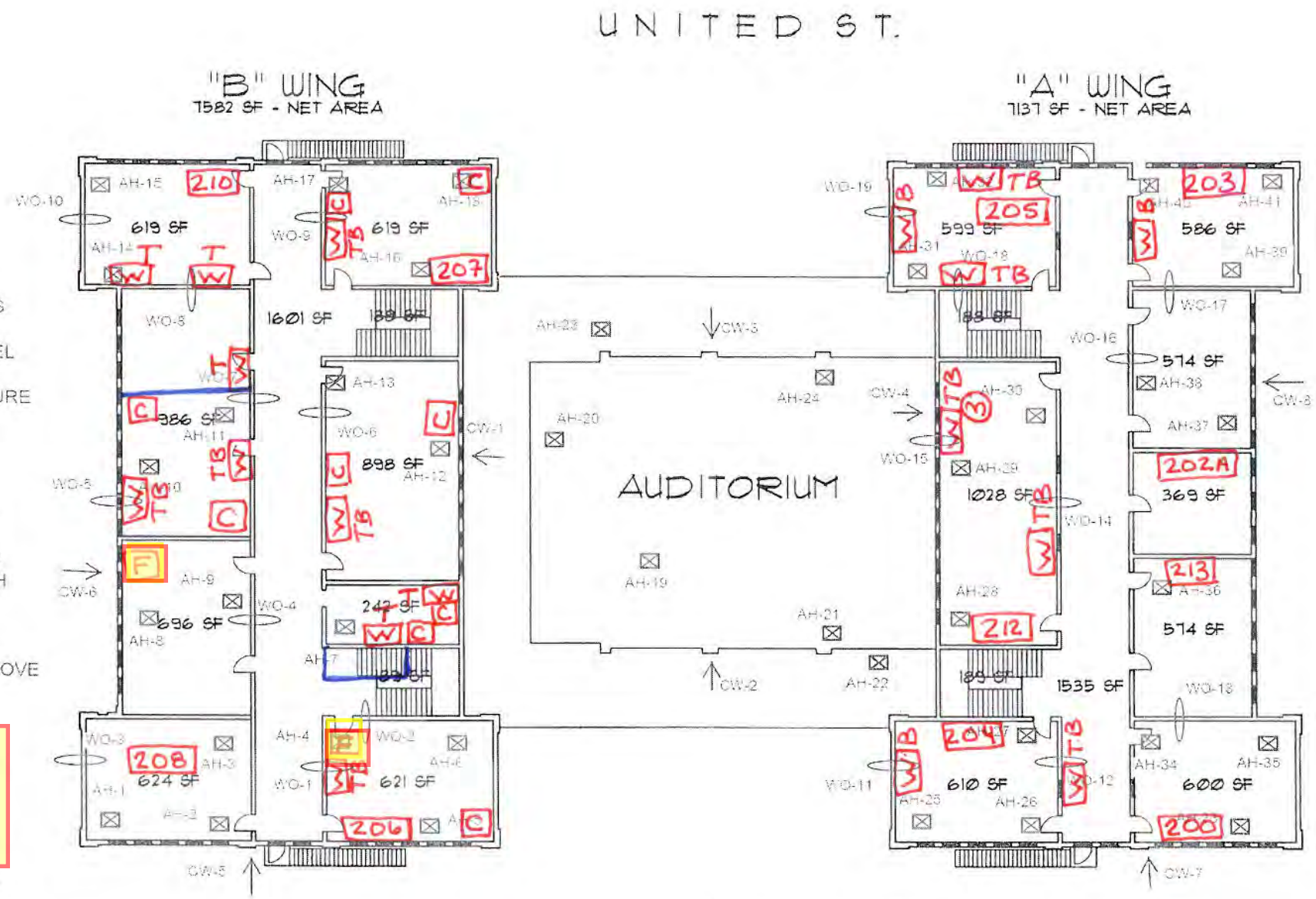
XXX ROOM NUMBER
⊗ - NOT USED
C - CEILING OPENING
W - WALL OPENING
F - FLOOR OPENING
T - TOP OF WALL
B - BASE OF WALL

① CUT LATH & VERTICAL TILE AT COLUMN

② FLOOR OPENING NOT MARKED

GLYNN ARCHER SCHOOL – 1300 WHITE STREET
Key West - Florida
CH2M Hill
Date: May 22, 2012
Sheet: S-201.00

STRUCTURAL INVESTIGATION
BUILDINGS A & B AND AUDITORIUM - SECOND FLOOR PLAN



LEGEND:

AH-1 — ACCESS HOLES: INDICATES 24"x24" ACCESS HOLE TO BE CUT AT THE EXISTING CEILING OF LEVEL BELOW TO EXPOSE THE EXISTING FLOOR STRUCTURE (BEAMS AND JOISTS) MEMBERS.

CW-1 — CONCRETE WALL. INDICATES APPROXIMATE LOCATION OF CONCRETE SAMPLE TO BE TAKEN FOR COMPPRESSIVE STRENGTH AND DETERMINE REINFORCEMENT IN THE CONCRETE WALL. TAKE SAMPLE AT 2 TO 3 FEET ABOVE TOP OF WINDOW.

WO-1 — WALL OPENINGS: INDICATES APPROXIMATE LOCATIONS OF THE INTERIOR WALL INVESTIGATION. EXPOSE BOTTOM OF WALL BY CUTTING 12"x16" OPENING AND EXPOSE TOP OF [illegible] ABOVE THE DROPPED CEILING LEVEL BY CUTTING 12"x16" OPENING.

AREAS ABATED
0714-071512

(3) MAKE 24"x48" WALL OPENING AT BASE

Partial Second Floor Plan – A&B Wings

WHITE ST.

GLYNN ARCHER SCHOOL – 1300 WHITE STREET
Key West - Florida
CH2M Hill

Date: May 22, 2012
Sheet: S-202.00

APPENDIX C

PROJECT PHOTOGRAPHS

Photo #1: Auditorium area abated near center

Photo #2: Auditorium area abated near NW corner

Photo #3: B105 sealed off for abatement in 2 spots on 7/15

Photo #4: Auditorium HEPA exhaust outside

Photo #5: A Building HEPA exhaust to outside

Photo #6: Typical HEPA exhaust in each room

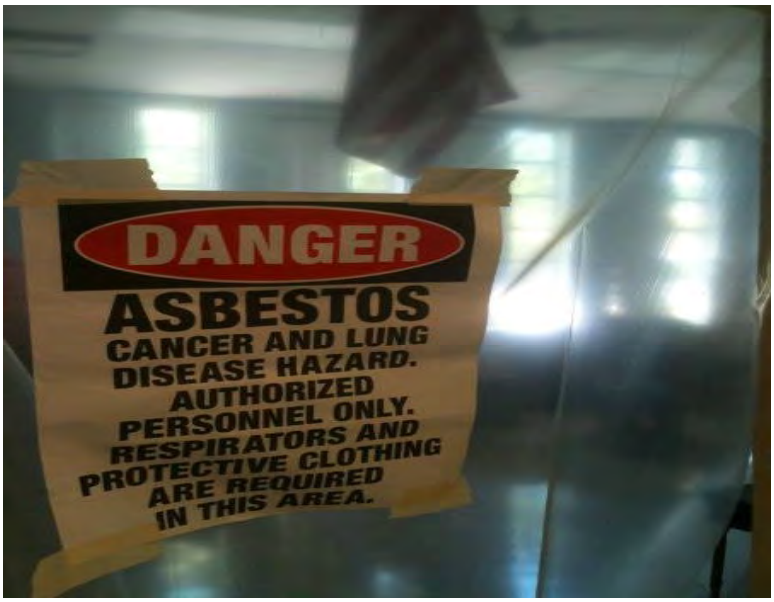


Photo #7: Typical signage on rooms when abated

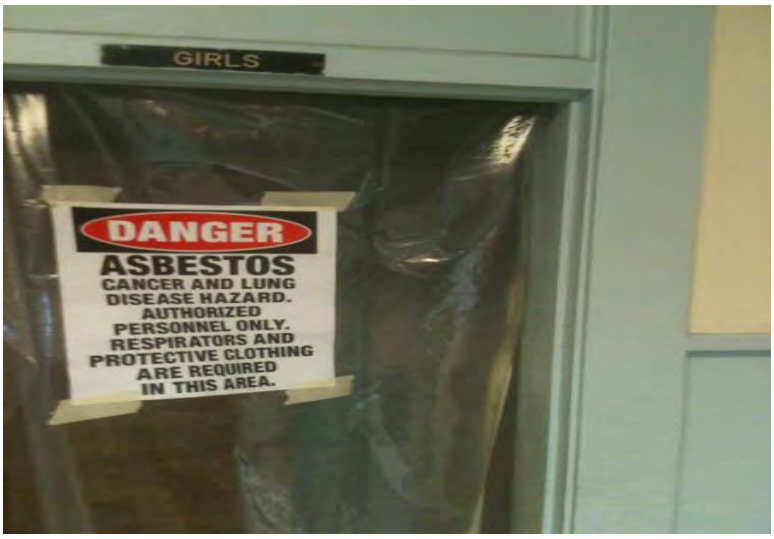


Photo #8: Typical signage on room 122 closet when abated

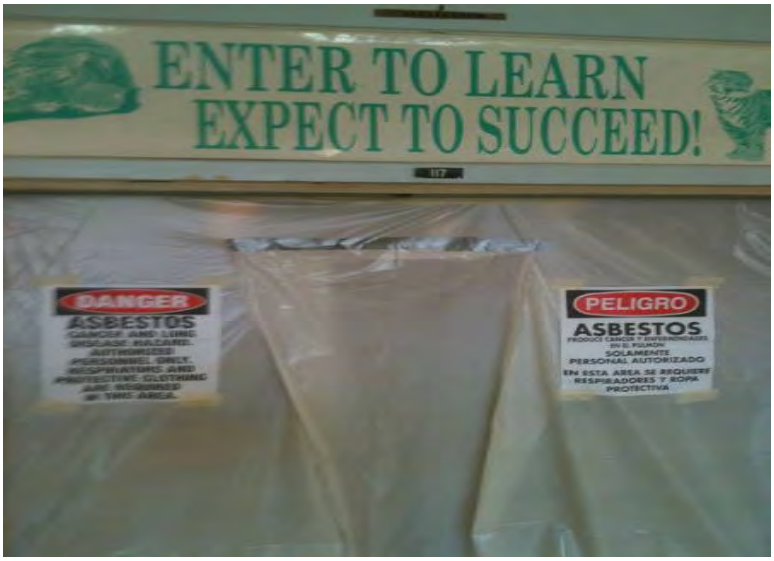


Photo #9: Typical signage on Auditorium entry flaps

APPENDIX D

CERTIFICATES

RETRA TRAINING SERVICES

Florida Approval FL49-0001008

113 S Disston Avenue
Tarpon Springs, FL 34689
1-727-938-5459

Sean Nemser

241 SE 9th Ave Apt. 203 Pompano Beach, FL 33060

Has successfully completed the Requisite Training for Asbestos Accreditation
as required by TSCA Title II

Initial Asbestos Supervisor Contractor FL4722

Course Date: *December 12-16, 2011*

Exam Date: *December 16, 2011*

Expiration Date: *December 16, 2012*

Course Location: *Tarpon Springs, Fl*

Certification Number: *F 026357*

Savio Nava

Instructors

John V. Savio

Course Administrator

Sampling and Evaluating Airborne Asbestos Dust

AIR ANALYTICS

certifies that

Sean Nemser

has satisfactorily completed a NIOSH 582 Equivalent 32 hour course in Phase Contrast Microscopy covering the contents of NIOSH Method 7400 and the Occupational Safety and Health Administration Reference Method for asbestos fiber analysis, and in testimony whereof, we do confer this certificate at Oviedo, Florida, on January 20, 2012.

Edward A. Nuñez, CIH, LAC
Course Director

AIR ANALYTICS
IH
IAQ
IN PURSUIT OF SAFETY AND HEALTH

Certificate # AA01201258203

Florida DBPR Course Provider # 0001209, Florida DBPR Training Course #0006278
Air Analytics - 2582 Connection Point, Suite 1000, Oviedo, Florida 32765, Tel. 407-359-1974

AC# 5227070

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

SEQ# L10092501299

DATE	BATCH NUMBER	LICENSE NBR
09/25/2010	100120327	DD0000010

The ASBESTOS CONSULTANT
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2012

COTTRELL, DANIEL JOSEPH
6367 SW 44 ST
MIAMI FL 33155-5142

CHARLIE CRIST
GOVERNOR

DISPLAY AS REQUIRED BY LAW

CHARLIE LIEM
SECRETARY

EE&G IAQ Services, LLC

5751 Miami Lakes Drive
Miami Lakes, Florida 33014
(305) 374-8300
(305) 374-9004

September 6, 2012
EE&G Project No: 2012-2373

Mr. Andrew H. Smyth
CH_2M HILL
6410 5th St, Suite 2A
Key West, FL 33040

Subject: **Due Diligence Indoor Air Quality (IAQ)/Building Materials Assessment**
Glynn Archer Elementary School Complex (City Hall Planning Project)
Buildings A, B and Auditorium: Exploratory Engineering Studies
1302 White Street
Key West, FL 33040

Dear Mr. Smyth:

EE&G IAQ Services, LLC (EE&G) was retained by CH2M HILL (on behalf of the City of Key West) to perform a due diligence assessment at the Glynn Archer Elementary School complex Annex located at 1302 White Street, Key West, Florida (herein referred to as the subject building). This report is based on observations made by Mark Skweres of EE&G, during an assessment of the subject building on July 18, 2012 and while other engineering studies were in progress as school was closed for Summer Break.

The purpose of the assessment was to provide a general understanding of the building as it related to potential Indoor Air Quality (IAQ) issues or any water-damaged materials that may require special remediation during any eventual interior demolition phases. As such, it was not the objective of the assessment to identify each and every potential IAQ issue, but rather, to identify broader potential issues. The assessment was accomplished through the following:

- Visual inspection of the representative building materials. The assessed areas were defined as, and limited to, those areas readily accessible without the use of tools, ladders, or destructive techniques.
- Moisture content testing of building materials suspected of water impacts.
- Photographic documentation to record representative conditions.

LIMITATIONS

This report has been prepared by EE&G in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. No other warranty, expressed or implied, is made. EE&G's interpretations and recommendations are based upon our investigative work. Other conditions elsewhere in the subject building may differ from those in the inspected/surveyed suite and such conditions are unknown, may change over time and have not been considered.

EE&G could not access all interstitial wall spaces, upper roof areas or crawl spaces due to various structural hindrances. Additionally, condemned areas existed in the structure and access was restricted at the time of the survey.

Changes or modifications to the site made after the site inspection are not covered. The parameters tested are limited by the methodologies employed for this investigation. The data obtained cannot be used to establish a health-based risk assessment or otherwise be used to establish if an area is "safe for occupancy".

EE&G will not be responsible for the interpretation or use by others of data developed pursuant to the compilation of this report. This report reflects conditions, operations, and practices as observed on the date and time of the site inspection only. The interpretations and recommendations, stated in this report, are based on previous environmental studies and research conclusions. This report should be interpreted in its entirety.

The nature of water intrusion and some mold issues are such that reservoirs of damaged material can exists behind walls or within building cavities. Since this assessment excluded destructive testing it is possible that some hidden reservoirs of mold or water damaged building material were not identified.

This report was not intended to provide documentation or specific recommendations for all conditions that could impact the buildings IAQ, but rather a broad overview of the IAQ-related conditions observed during the inspection.

METHODS

Building Assessment

Materials were visually assessed for evidence of water-impacts, water-damage, and visible assumed mold-growth (AMG). Water impacts, water damage and AMG were defined as materials showing the following characteristics:

- Visible staining on building materials in a pattern that was suggestive of either short term or long term contact with water.
- Corrosion of materials that was indicative of contact with water.
- Visible accumulation of AMG that fit a definite pattern that was associated with water contact.

The impacted building materials as observed during the course of this inspection were categorized and defined as follows:

AMG-Impacted - Characterized by visible accumulations of AMG on building materials (either surficial or penetrated) that fit a definite pattern consistent with a direct water release, condensation, or elevated humidity.

Water Stained - Characterized by visible staining, corrosion, or discoloration in a pattern that was suggestive of short or long term direct water contact either from a water release or condensation whereby the discolored portions of the building material are surficial in nature and did not penetrate the matrix of the material below the first layer.

Water Damaged - Characterized by water staining that includes physical damage and decomposition of the building material without evidence of AMG. Water damage is associated patterns of direct water contact whereby the binders within the material break down and the material loses its physical properties to perform the function for which it was intended.

Areas included in the inspection were those readily accessible meaning that moving of heavy furnishings or destructive testing was not included. Inspection holes had been installed in various locations through Wing A and B. Figure 1 and 2 has been attached to show the approximate locations of the inspected areas.

Moisture Content Measurement

The moisture contents of the impacted building materials were measured using a Delmhorst Total Check. This instrument reports results in potentially three scales depending on the user's selection:

- Wood Scale – 5% to 60% moisture content (MC) for Douglas Fir and can be corrected for 69 individual wood species over that range.
- Drywall Scale – 0.1% to 6% MC. Readings greater than 1% indicate enough moisture present to allow for mold growth if other factors such as a high relative humidity level and food source are present.
- 0 to 100 Reference Scale – Used to compare two non-wood materials. Benchmarks need to be established for comparisons. The scale is a relative-type scale.

The percent MC on the Drywall Scale was categorized into the following classifications:

- 0.1 to 0.5% MC - The material was in a safe, dry condition. Moisture-related problems of decay and deterioration were not likely to occur.
- From 0.5% to 1.0% MC - The material was in a borderline condition. Moisture–related problems of decay and deterioration were possible under certain conditions.
- Greater than 1.0% WME - The material was in a wet condition. Moisture-related problems of decay and deterioration were likely to occur in time unless the moisture level of the material was reduced.

FINDINGS

Building Assessment

The subject Glynn Archer Elementary School (Buildings A, B and Auditorium only) were built in the late 1920's with a major southerly addition (Building C) in 1950's, this portion of the building was not part of the scope and therefore not assessed. Both A and B structures were connected by the Auditorium structure and exterior walkways. Multiple renovations and painting operations had been performed over the past 40 years to meet the changing demands of the school occupants and to respond to maintenance needs. Building finishes included painted block walls, plaster system on wood lath, limited gypsum board, suspended and glued-in-place ceiling tiles. Flooring included various layers of vinyl tile, ceramic tiles, and carpeting over a wood base floor supported by wood joists. It appeared that the plaster system on the exterior walls was applied directly to the concrete, as wood lath was not observed.

The following was the general building layout:

- **Building A: NE most portion**
  - Floor 1 – Administration offices, storage, mechanical rooms, classrooms, common halls and bathrooms.
  - Floor 2 – Various classrooms, storage, mechanical, common halls and bathrooms.
- **Building B: NW most portion**
  - Floor 1 – Teacher's lounge, storage, custodial, classrooms, common halls and bathrooms.
  - Floor 2 – Various classrooms, storage, mechanical, common halls and bathrooms.
- **Auditorium: Central portion**
  - Floor 1 – Seating areas, stage, and rear storage and mechanical rooms.

The following observations were made and pictures are available if requested:

Building A:
Floor 1
Main Office (Rooms 119)

- Two water-stained ceiling tiles were observed in main 119 central areas.
- One water-stained ceiling tile in 119E. AMG was observed on backside and was likely related to a condensation leak.

- AMG was observed on particle board divider wall, which had been partially demolished. The remaining wall was located above the suspended ceiling tile.

Room 102

- Five water-stained ceiling tiles were observed.
- East wall had water-damaged plaster system.
- AC unit was added to this room, AC not running at time of inspection

Room 103

- Two water-stained ceiling tiles were observed in corner by conduit. Water damage may have come from second floor or from exterior.

- Delaminating plaster was observed below the windows, likely associated with prior leaks.

Room 100

- One water-stained ceiling tile was observed in the NW corner, peeling paint plaster below stain.

- AMG was observed in corner of window sill <1 square foot.

- Delaminating plaster was observed below the windows, likely associated with leaks in past.

Room 102 Custodial Closet

- No water-damage observed.

Room 124 Boys Bathroom (Ceramic tile)

- Wet wall on hallway side by office showed that the interior wall may be constructed of cement board. No water damage was observed.

Room 122 Girls Bathroom (Ceramic tile)

- AMG was observed in vestibule wall common to Boys 124 bathroom. Could be a possible leak on the wet wall between the boys and girls room.

Common Halls – First Floor

- Various water stained 2x4’ and 1x1’ ceiling tiles were observed, sporadically.
- Minor AMG on upper ceiling on SE side.

Floor 2
Room 204

- Six water-stained ceiling tiles were observed likely associated with past roof leaks.
- Water-damaged plaster observed below windows.

Room 200

- Two water-stained ceiling tiles observed.
- Water-damaged plaster system on exterior walls around windows as well as exterior wall without the window.

Room 213

- No water-stained ceiling tiles observed.
- Peeling paint on exterior walls.

Room 202

- No water-stained ceiling tiles observed.
- Water-damaged plaster on exterior walls around windows.

Room 203

- Three water-stained ceiling tiles.
- Water-damaged plaster system around windows

Room 205

- Seven water-stained ceiling tiles.
- Water-damaged plaster system observed around windows.

Room 212

- Water-damaged plaster system on lath below windows.
- AMG (minor) on exposed wood lath.
- Area was open to Auditorium above ceilings.

Common Halls

- Drop and upper ceilings observed in good condition
- Water-damaged plaster system below windows in NW stairwell.

Building B:
Floor 1

Room 106

- Seven water-stained ceiling tiles were observed, with AMG on several, likely associated with ventilator leak from Room 207, which was located above this room.

Room 105

- Water-stained ceiling tiles associated with both ceilings.
- Water damaged plaster walls in corners of exterior walls.

Room 103 Boys Bathroom

- Three water-stained ceiling tiles.

Room 104

- Seven water-stained ceiling tiles.
- Minor peeling paint on window wall.

Room 109

- No water damage observed.

Room 121 (Lounge)

- Water-staining in cabinets below sink.
- Retro-fitted with two bathrooms.

Room 108

- Five water-stained ceiling tiles.

Common Halls – First Floor

- Water-staining was observed associated with the ceiling tiles and plaster.

Floor 2
Room 207

- AC unit leak recently, cause of water-damage observed in Room 106.
- Two water-stained ceiling tiles areas.

Room 210

- No water-stained ceiling tiles observed.
- Minor water-damaged plaster on window wall.

Room 209

- Water-stained 1x1' ceiling tiles on upper ceiling.
- Water-damaged plaster system on window walls.

Room 208

- One water-stained ceiling tile.

Room 206

- No water-damage observed.

Room 215

- Water-damaged plaster along length of window wall.

Girls' Bathroom

- AMG and moss growth was observed around the window, indicative of a damp environment.

- The wet wall showed evidence of tile repair, likely to repair a leak.

Small Boys Bathroom

- No water-damage observed.

Common Halls

- Minor water-stained ceiling tiles observed.

Auditorium
Main Seating Areas

- Five water-stained ceiling tiles near roof leak areas.
- Three water-stained ceiling tiles on wall common to "A" hall.

CONCLUSIONS AND RECOMMENDATIONS

Based on the findings and observations presented above, EE&G concludes the following:

- Evidence of water intrusion issues associated with the building envelope was observed. This came in the form of damage to the exterior walls likely associated with failed window assemblies; issues with the roof, which resulted in damage to ceiling systems; and roof transitions, which likely resulted in the damage associated with Room 212 and the auditorium.

- Additional deferred maintenance issues likely contributed to the AC leak observed in Room 207 of the B-Wing and the conditions observed in the bathroom wet walls.

- The damage plaster observed associated with the perimeter or exterior walls was likely not conducive to creating an environment where mold growth could occur as the plaster system was applied directly to the concrete.

- The observed AMG associated with the ceiling tile systems and remnant particle board divider wall observed in Room 119, did not appear to be wide-spread and indicative of a systemic condition and was more likely localized.

Based on the conclusions reported above, EE&G offers the following recommendations:

- It was reported to EE&G that a large portion of the interior was going to be demolished and new windows installed. Based on the generally localized water-damaged and AMG-impacted materials, these can be addressed during the demolition as the work areas will likely not be conditioned and opened to the exterior. Although wide-spread mold remediation may not be likely based on what was observed, EE&G recommends removing the identified mold-impacted materials under the supervision of a Florida-licensed mold remediator. Procedures should be developed for handling, carefully removing the materials, and disposal to minimize disturbance normally associated with interior demolition. Since asbestos abatement will be required anyway, EE&G suggests having these items remediated on the same mobilization, prior to release of the areas to the general demolition crews. As with the asbestos abatement items, follow-up assessments should be conducted to document that the affected materials have been removed and additional damage is not encountered beyond what was observed.

- Demolition of wet wall areas associated with the bathrooms should be conducted in an exploratory manner as AMG-impacts in these areas may be encountered. These areas could require a more rigid remediation plan, if necessary.

EE&G appreciates the opportunity to assist you with this project. Please call us if you have any questions.

Respectfully Submitted,

Mark A. Skweres, CIEC
Certified Mold Assessor

Very truly yours,

Richard Grupenhoff
Sr. Staff Professional
Certified Abatement Designer
EE&G

APPENDIX A

SITE FIGURES

ZONING SITE PLAN DATA:

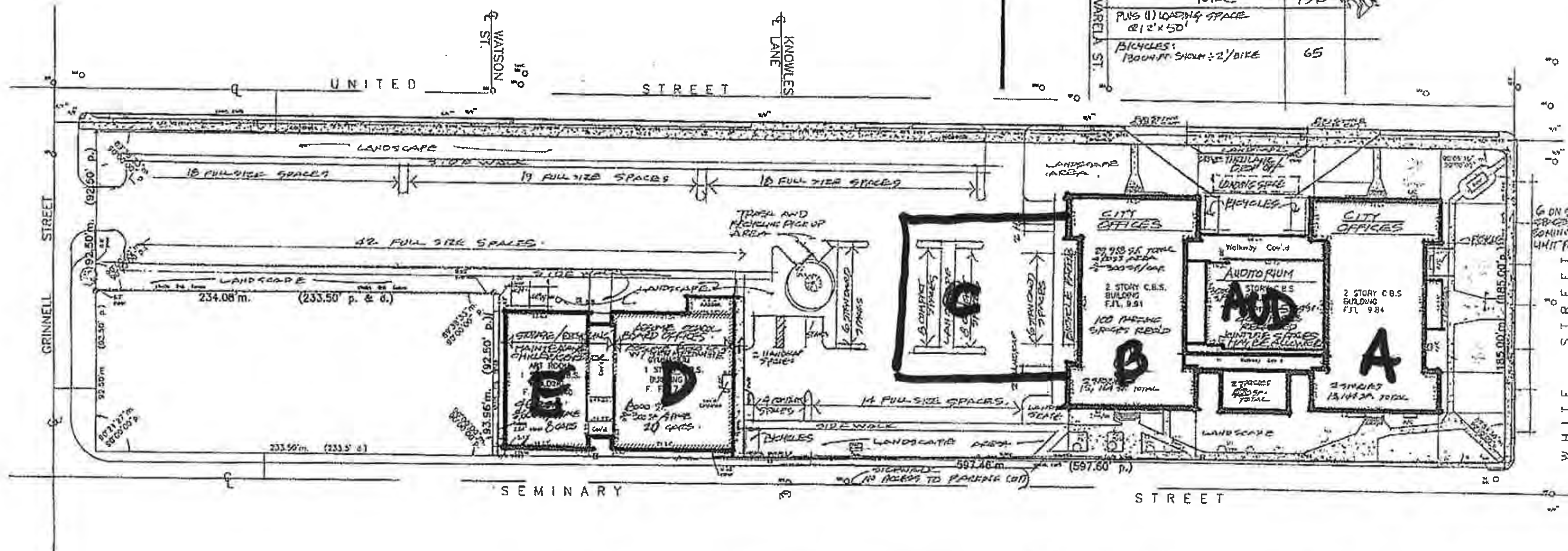
	REQUIRED LDR	PROVIDED
ZONING DESIGNATION	HPS.	
LOT SIZE	4.19 ACRES/500 SF	132,155 SF [illegible]
SETBACKS		
FRONT	20'	53 (+/-)
STREETSIDE	10'	30 (+/-)
REAR	20'/15' @ ALLEY	[illegible]
SIDE	5'	[illegible]
MAXIMUM F.A.R.	1.0	0.33
MAXIMUM BUILDING COVER	40% (52,860 SF)	21.8% (28,500 SF)
MAXIMUM IMPERVIOUS SURFACE (NOTE: TRAVEL LANES ARE IMPERVIOUS, SPACES ARE 50% IMPERVIOUS)	50% (66,078 SF)	49.2% (65,000 SF +/-)

PARKING

LDR REQ'D: OFFICE USES: 120 / STORAGE MAINTENANCE USES: 8 / TOTAL 128 CARS
: AUDITORIUM: 40 SPACES, HOWEVER CODE ALLOWS JOINT USE
TOTAL IF JOINT USE IS NOT RECOGNIZED IS 168 CARS
BICYCLES @ 15% = 64 / OR 84

PROVIDED: (NOTE: PARKING MAY BE REDUCED IN FAVOR OF ADDITIONAL LANDSCAPE)

FULL SIZE SPACES	124
~~COMPACT SPACES~~	~~20~~
ON STREET 30 MINUTE TIME LIMIT	6
HANDICAP SPACES	6
TOTAL	156
PLUS (1) LOADING SPACE @ 12' x 50'	
BICYCLES: 130 LN. FT. SHOWN ÷ 2'/BIKE	65



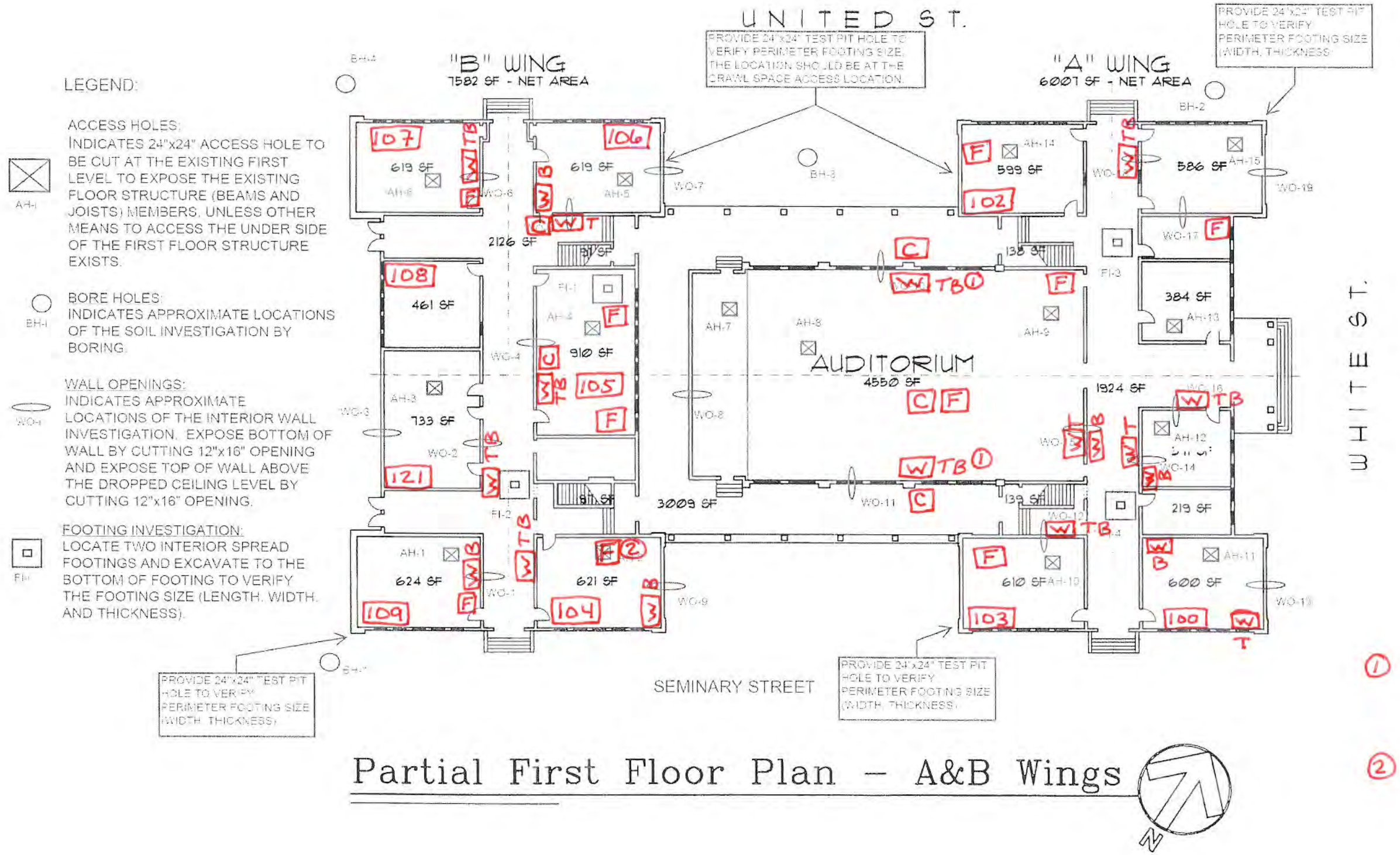
SCHEMATIC SITE PLAN — 1" = 30'

GLYNN ARCHER SCHOOL
WHITE STREET
KEY WEST, FLORIDA

Bender & Associates
ARCHITECTS
P.A.
410 Angela Street
Key West, Florida 33040

OF 30

STRUCTURAL INVESTIGATION
BUILDINGS A & B AND AUDITORIUM - FIRST FLOOR PLAN



Partial First Floor Plan – A&B Wings

xxx ROOM NUMBER

⊗ - NOT USED

C - CEILING OPENING

W - WALL OPENING

F - FLOOR OPENING

T - TOP OF WALL

B - BASE OF WALL

① CUT LATH & VERTICAL TILE AT COLUMN

② FLOOR OPENING NOT MARKED

WHITE ST.

Key West - Florida

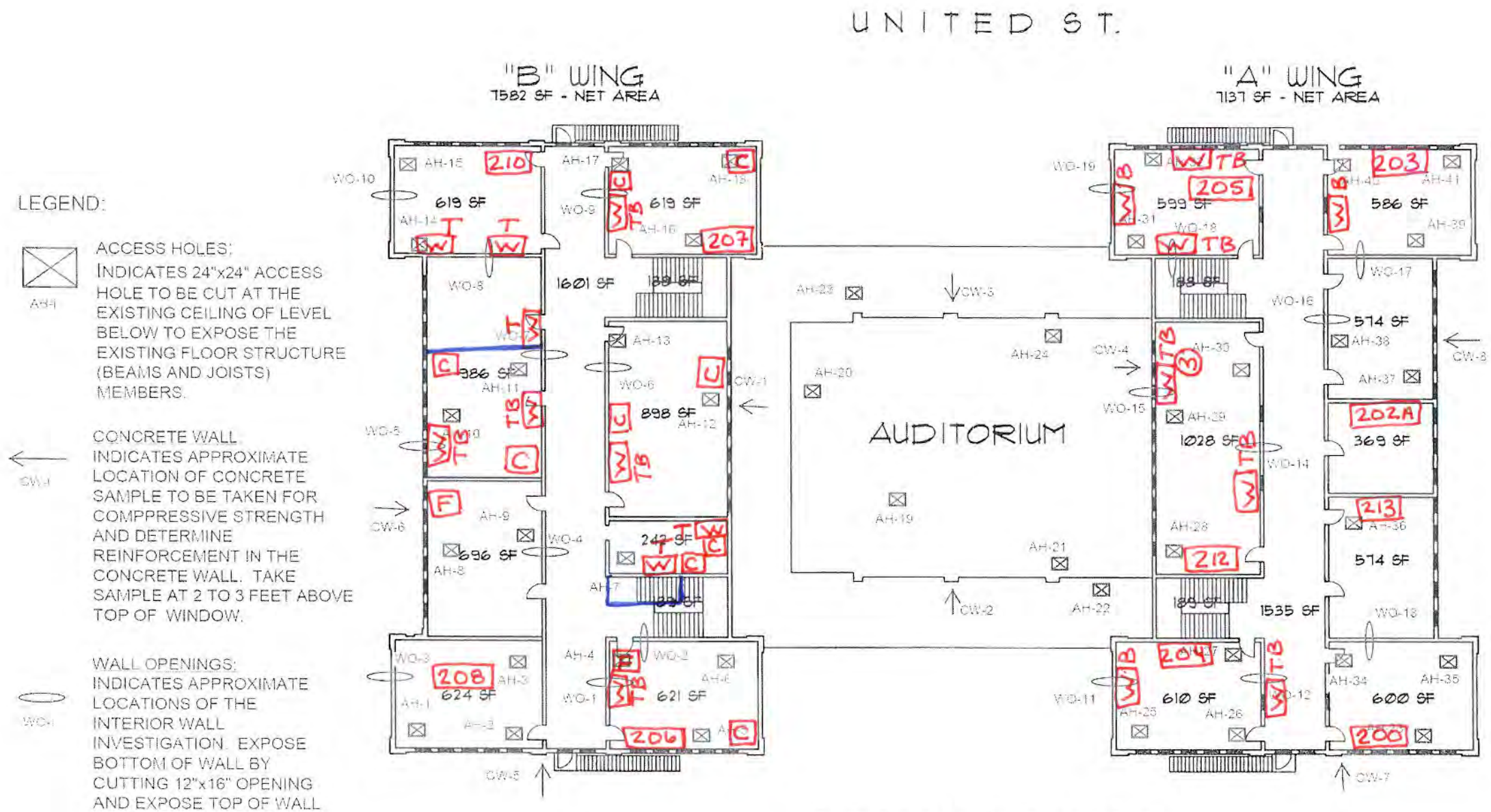
CH2M Hill

GLYNN ARCHER SCHOOL – 1300 WHITE STREET

Date: May 22, 2012

Sheet: S-201.00

STRUCTURAL INVESTIGATION
BUILDINGS A & B AND AUDITORIUM - SECOND FLOOR PLAN



Partial Second Floor Plan – A&B Wings

③ MAKE 24"x48" WALL OPENING AT BASE

GLYNN ARCHER SCHOOL – 1300 WHITE STREET
Key West - Florida
CH2M Hill
Date: May 22, 2012
Sheet: S-202.00

APPENDIX B

INSPECTION PHOTOGRAPHS
JULY 18, 2012

**AVAILABLE ON FILE
UPON REQUEST**