

**17. UPDATE ON IVOR ELEMENTARY SCHOOL**

I'm pleased to report that the asbestos abatement has been completed and the floor tile adhesive tested negative for the presence of asbestos – accordingly, we have processed a change order for a \$5,000 credit. Both Gray & Sons and OESSCO were expected to mobilize this week and proceed with the demolition and UST removal. We'll provide you an updated oral report at Monday's meeting on the current status.

**NO MOTION REQUIRED**



11839 Canon Blvd., Suite A • Newport News, VA 23606-2559 • 757-873-2205 • Fax 757-873-0274

March 14, 2012

County of Southampton  
Fax: 757-653-0227

Attn: John Mendenhall

Re: Ivor Elementary School  
Asbestos Abatement

Dear Mr. Mendenhall,

Per our conversation, bulk sample analysis indicates that the floor tile adhesive does not contain asbestos and the removal of this material has been deleted from the scope of work. As an equitable adjustment we offer a credit totaling \$5,000.00. Attached are copies of the Report of Analysis dated 2/27/12 and 02/28/12.

We appreciate the opportunity to have been able to lend support to the efforts of Southampton County on this project.

Sincerely,

WACO, INC.

Rex H. Luzar  
Vice President

Sandston, VA  
(804) 222-8440

Newport News, VA  
(757) 873-2205

Mt. Crawford, VA  
(540) 434-7390

Mechanicsville, MD  
(301) 290-1333

Radford, VA  
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Fincastle, VA  
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Chesapeake, VA  
(757) 558-3100

Bladenboro, NC  
(910) 648-5468

Covington, VA  
(540) 962-5161

Mt. Storm, WV  
(304) 259-5115



<i>Credentials</i>	<i>Agency</i>	<i>Program (Scope)</i>
Accreditation	ABS	(Hull Thickness)
Accreditation	NIST	NVLAP
		Bulk Asbestos (PLM)
Accreditation	AIHA	ELLAP (Lead)
		EMLAP
		Air (Direct Examination)
		IRLAP
		Asbestos (PCM)
		Dust (Gravimetry)
		Metals (Pb, Cd, Cr & Zn)
		Resin
<i>Approval</i>	DOD- US Navy	
<i>Laboratory accreditation cover only to the scopes listed above.</i>		
	AIHA Laboratory No: 100551	
	NVLAP Lab Code: 200628-0	
	Virginia Asbestos Lab License No: 3333 000004	

### Marine Chemist Service, Inc.

11850 TUG BOAT LANE  
NEWPORT NEWS, VA 23606-2527  
TEL: (757) 873-0933 · NORFOLK (757) 640-1122  
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[www.MarineChemist.com](http://www.MarineChemist.com)

Waco Inc.  
Attn: Daniel Cowan  
11839 Canon Blvd. Suite A  
Newport News VA 23606

MCS Report No.: 0093097  
Report Date: 02/28/2012  
MCS Job No.:  
Customer PO No.: 9014A

Date Sampled: 02/27/2012  
Sampled By: Customer  
Job Location: Ivor Elementary

Date Received: 02/27/2012  
Received By: LJD  
Sample Matrix: BULK  
Date Analyzed: 02/28/2012

Method of Analysis: Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods EPA 600/M4-82-020, December 1982 and EPA 600/R93-116, July 1993.

## REPORT OF ANALYSIS

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0093097-001 1	Class Room #3, Black Mastic Mastic, Black	LAYER 1 100%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0093097-002 2	Class Room #7, Black Mastic Mastic, Black	LAYER 1 100%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0093097-003 3	Class Room #6, Black Mastic Mastic, Black	LAYER 1 100%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		
0093097-004 4	Class Room #8, Black Mastic Mastic, Black	LAYER 1 100%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%
Asbestos Present: No		Total % Asbestos: No Asbestos Detected		



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<i>Credentials</i>	<i>Agency</i>	<i>Program (Scope)</i>
Accreditation	ABS	(Hull Thickness)
Accreditation	NIST	NVLAP
		Bulk Asbestos (PLM)
		BLLAP (Lead)
		BMLAP
		Air (Direct Examination)
		BLLAP
		Asbestos (PCM)
		Dust (Gravimetry)
		Metals (Pb, Cd, Cr & Zn)
		Resin
<i>Approval</i>	DOD- US Navy	
<i>Laboratory accreditations cover only to the scopes listed above.</i>		
AJHA Laboratory No: 100551		
NVLAP Lab Code: 200628-0		
Virginia Asbestos Lab License No: 3333 000004		

Waco Inc.  
 Attn: Daniel Cowan  
 11839 Canon Blvd. Suite A  
 Newport News VA 23606

**MCS Report No.:** 0093097  
**Report Date:** 02/28/2012  
**MCS Job No.:**  
**Customer PO No.:** 9014A

**Date Sampled:** 02/27/2012  
**Sampled By:** Customer  
**Job Location:** Ivor Elementary

**Date Received:** 02/27/2012  
**Received By:** LJD  
**Sample Matrix:** BULK  
**Date Analyzed:** 02/28/2012

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods EPA 600/M4-82-020, December 1982 and EPA 800/R93-116, July 1993.

**REPORT OF ANALYSIS**

MCS Sample No.	Sample Location	Layer No.	Asbestos	Non-Asbestos
Field Sample ID	Description	Layer %	Type (%)	Components (%)

*Jennie Price*  
 Analyst - Jennie Price

*Bharati Lakshmi*  
 Approved Signatory - Dr. Bharati Lakshmi, Ph.D  
 Laboratory Supervisor

Method Detection Limit: <1%

- \* Fiber concentrations were determined by visually estimating the area percentage for each type.
- \* Asbestos fibers may not be detected by PLM in certain samples because of their size (<5um) or being bound with non-friable organic matrix. In such cases an alternative method of analysis may be necessary.
- \* All laboratory test results meet the applicable quality control requirements unless otherwise mentioned.
- \* MCS, Inc. can not attest to nor be held responsible for the proper collection of samples and/or accuracy of the sample information provided by customers for samples not collected by MCS, Inc.
- \* Test report relates only to the items tested.
- \* The samples will be stored at the MCS, Inc. laboratory for a period of thirty days after the analysis. At the end of the period, it will be our policy to dispose of the samples unless prior arrangements have been made for a longer storage period.
- \* This report shall not be reproduced, except in full, without the written approval of this laboratory.
- \* The Report must not be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government.
- \* The Report includes Chain of Custody.





**Credentialed Accreditation:** ABS, NIST  
**Accreditation:** AIHA  
**Approval:** DOD-US Navy  
**Laboratory accreditations cover only to the scopes listed above:**  
 AIHA Laboratory No: 10053  
 NVLAP Lab Code: 200628-0  
 Virginia Asbestos Lab License No: 3333 000004

**Programs (Scope):**  
 (Hull Thickness)  
 NVLAP  
 Bulk Asbestos (PLM)  
 BLLAP (Lead)  
 EMLAP  
 Air (D)heel Examination  
 NPLAP  
 Asbestos (PCM)  
 Dust (Gravimetry)  
 Metals (Pb, Cd, Cr & Zn)  
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Waco Inc.  
 Attn: Allen Shupe  
 11839 Canon Blvd. Suite A  
 Newport News VA 23606

**MCS Report No.:** 0093072  
**Report Date:** 02/27/2012  
**MCS Job No.:**  
**Customer PO No.:** 9014A

**Date Sampled:** 02/24/2012  
**Sampled By:** Customer  
**Job Location:** Ivor Elem School

**Date Received:** 02/24/2012  
**Received By:** LJD  
**Sample Matrix:** BULK  
**Date Analyzed:** 02/27/2012

**Method of Analysis:** Polarized Light Microscopy (PLM) using Environmental Protection Agency (EPA) Methods EPA 600/M4-82-020, December 1982 and EPA 600/R93-116, July 1993.

**REPORT OF ANALYSIS**

MCS Sample No. Field Sample ID	Sample Location Description	Layer No. Layer %	Asbestos Type (%)	Non-Asbestos Components (%)
0093072-001 02-24-12	Floor Mastic, Classroom Mastic, Black	LAYER 1 100%	None Detected	Cellulose Fiber 5% Non-Fibrous Material 95%

**Asbestos Present:** No      **Total % Asbestos:**      **No Asbestos Detected**

*Jennie Price*  
**Analyst - Jennie Price**

*Dr. Bharati Lakshmi*  
**Approved Signatory - Dr. Bharati Lakshmi, Ph.D**  
 Laboratory Supervisor

Method Detection Limit: = <1%

- Fiber concentrations were determined by visually estimating the area percentage for each type.
- Asbestos fibers may not be detected by PLM in certain samples because of their size (<5um) or being bound with non-friable organic matrix. In such cases an alternative method of analysis may be necessary.
- All laboratory test results meet the applicable quality control requirements unless otherwise mentioned.
- MCS, Inc. can not attest to nor be held responsible for the proper collection of samples and/or accuracy of the sample information provided by customers for samples not collected by MCS, Inc.
- Test report relates only to the items tested.
- The samples will be stored at the MCS, Inc. laboratory for a period of thirty days after the analysis. At the end of the period, it will be our policy to dispose of the samples unless prior arrangements have been made for a longer storage period.
- This report shall not be reproduced, except in full, without the written approval of this laboratory.
- The Report must not be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government.
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