State of Wisconsin Department of Administration Division of State Facilities Wisconsin Asbestos & Lead Based Paint Management System

> Updated: August 2, 2007

# **SECTION B**

# WALMS

## WISCONSIN ASBESTOS and LEAD MANAGEMENT SYSTEM

	) 🕄 🕄	A B	1 3 Z.	/=k =1		
Back Form		ය Home Search Fa		Print Edit		
Address 🛃 http:/	//www.doa.state.wi.us/walms/m	nain.asp				•
					100	
Home S	System Lists Log	on			1	WALMS
Agency	MILITARY AFFAIRS				Select Agency: MILITARY	AFFAIRS 💌
Institution	ABBOTSFORD				Select Institution: ABBC	
Building	0002 - ARMORY - AB	BOTSFORD		Se	lect Building: ARMORY-AB	BOTSFORD - 0002 💌
		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Ne 1877/11 445/17/20 18	and the state of the		
		Ins	spection Date: Not Avai	able Last Revision Date:	Not Available	
Description	n	Building Sur	nmary -		Achector	LL ead Based Pain
Description Building Inform	erre a	Building Sur Asbestos	nmary -		Asbestos	Lead Based Pain
	erre a	Asbestos	(December 7, 2000		this survey limited the identifi	ication and qualification
Building Inform	nation		(December 7, 2000) of suspect ACM to	readily accessible materials.	this survey limited the identifi Therefore, hidden ACM (includ	ication and qualification
Building Inform Rooms	nation s Materials	Asbestos	(December 7, 2000) of suspect ACM to		this survey limited the identifi Therefore, hidden ACM (includ	ication and qualification
Building Inform Rooms Homogeneous	nation s Materials	Asbestos	(December 7, 2000) of suspect ACM to	readily accessible materials.	this survey limited the identifi Therefore, hidden ACM (includ	ication and qualification
Building Inform Rooms Homogeneous Building Comn	nation s Materials ment Logs	Asbestos Building Log ACM Materials	(December 7, 2000 of suspect ACM to thermal system ins	readily accessible materials.	this survey limited the identifi Therefore, hidden ACM (includ d by this survey.	ication and qualification
Building Inform Rooms Homogeneous Building Comm Floor Plans Building Sumn	nation s Materials ment Logs mary ♪	Asbestos Building Log ACM Materials	(December 7, 2000) of suspect ACM to	readily accessible materials. ulation) have not been identifie	this survey limited the identifi Therefore, hidden ACM (includ d by this survey.	ication and qualification ling but not limited to
Building Inform Rooms Homogeneous Building Comm Floor Plans Building Sumn	nation s Materials ment Logs mary Þ ta	Asbestos Building Log ACM Materials	(December 7, 2000 of suspect ACM to thermal system ins Description	readily accessible materials. ulation) have not been identifie	this survey limited the identifi Therefore, hidden ACM (includ d by this survey.	ication and qualification ling but not limited to
Building Inform Rooms Homogeneous Building Comm Floor Plans Building Sumn Survey Dat	nation s Materials ment Logs mary Þ ta spection Data	Asbestos Building Log ACM Materials HM Code	(December 7 , 2000) of suspect ACM to thermal system ins Description	readily accessible materials. ulation) have not been identifie	this survey limited the identifi Therefore, hidden ACM (includ d by this survey.	ication and qualification ling but not limited to
Building Inform Rooms Homogeneous Building Comm Floor Plans Building Summ Survey Dat Materials - Insu	nation s Materials ment Logs mary Þ ta spection Data	Asbestos Building Log ACM Materials HM Code Non-ACM Mate	(December 7 , 2000) of suspect ACM to thermal system ins Description	readily accessible materials. Jlation) have not been identifie ACM/Assumed /	this survey limited the identifi Therefore, hidden ACM (includ id by this survey.	ication and qualification ling but not limited to
Building Inform Rooms Homogeneous Building Comm Floor Plans Building Sumn <b>Survey Dat</b> Materials - Inst Bulk Samples Analytical - As	nation s Materials ment Logs mary Þ ta spection Data	Asbestos Building Log ACM Materials HM Code Non-ACM Mate	(December 7 , 2000) of suspect ACM to thermal system ins Description tials	readily accessible materials. Jlation) have not been identifie ACM/Assumed /	this survey limited the identifi Therefore, hidden ACM (includ id by this survey.	ication and qualification ling but not limited to
Building Inform Rooms Homogeneous Building Comm Eloor Plans Building Summ <b>Survey Dat</b> Materials - Insi Bulk Samples Analytical - As Analytical - Le	nation s Materials ment Logs mary ▷ ta spection Data spection Data sbestos sad-Based Paint	Asbestos Building Log ACM Materials HM Code Non-ACM Mate HM Code	(December 7 , 2000) of suspect ACM to thermal system ins Description tials	readily accessible materials. Jlation) have not been identifie ACM/Assumed /	this survey limited the identifi Therefore, hidden ACM (includ id by this survey.	ication and qualification ling but not limited to
Building Inform Rooms Homogeneous Building Comm Floor Plans Building Summ Survey Dat Materials - Insi Bulk Samples Analytical - As Analytical - Le Standard R	nation s Materials ment Logs mary ▷ ta spection Data spection Data sbestos sad-Based Paint	Asbestos Building Log ACM Materials HM Code Non-ACM Mate HM Code Floor Summar	(December 7 , 2000) of suspect ACM to thermal system ins Description rials y of ACM	readily accessible materials. ulation) have not been identifie ACM/Assumed / scription	this survey limited the identifi Therefore, hidden ACM (includ id by this survey. ACM	ication and qualification ling but not limited to Friable
Rooms Homogeneous Building Comm Floor Plans Building Summ Survey Dat Materials - Insj Bulk Samples Analytical - As Analytical - Le Standard R	nation s Materials ment Logs mary ▷ ta spection Data s sbestos sead-Based Paint Reports rmation Report	Asbestos Building Log ACM Materials HM Code Non-ACM Mate HM Code Floor Summar	(December 7 , 2000) of suspect ACM to thermal system ins Description rials y of ACM	readily accessible materials. ulation) have not been identifie ACM/Assumed / scription	this survey limited the identifi Therefore, hidden ACM (includ id by this survey. ACM	ication and qualification ling but not limited to Friable
Building Inform Rooms Homogeneous Building Comm Floor Plans Building Summ Survey Dat Materials - Insi Bulk Samples Analytical - As Analytical - Le Standard R I. Building Infor	nation s Materials ment Logs ta ta spection Data s sbestos ead-Based Paint Reports rmation Report mmary Report	Asbestos Building Log ACM Materials HM Code Non-ACM Mate HM Code Floor Summar	(December 7 , 2000) of suspect ACM to thermal system ins Description rials y of ACM	readily accessible materials. ulation) have not been identifie ACM/Assumed / scription	this survey limited the identifi Therefore, hidden ACM (includ id by this survey. ACM	ication and qualification ling but not limited to Friable

## **USERS GUIDE VERSION 1.0**

# WALMS--TABLE OF CONTENTS

<b>1.0 Introduction</b>	
2.0 Logging Into	WALMS5

3.0 The WALMS Home Page	6
3.1 Home Page Information	
3.2 System List Page Information	
4.0 Entering Building Description Data	8
4.1 Entering Building Info Data	9
4.2 Entering Rooms Data	
4.3 Entering Homogeneous Materials Data	13
4.4 Entering Building Comments Log Data	15
4.5 Importing Floor Plans	
5.0 Entering Survey Data	
5.1 Entering Materials Inspection Data	
5.2 Entering Bulk Samples Data	
5.3 Entering Analytical-Asbestos Data	25
5.4 Entering Analytical-Lead Based Paint Data	
6.0 Creating Reports	
6.1 Building Information Report	
6.2 Building Summary Report	
6.3 Floor Plans	
6.4 Material Inventory By Room Report	
6.5 Bulk Sample Data-Asbestos Report	35
6.6 Lead-Based Paint Testing Inventory Report	
6.7 Rooms With No Suspect Materials Report	
6.8 Rooms Not Accessed Report	
6.9 Material Query Report	
6.10 Abatement Cost Estimate Report	
7.0 Exiting WALMS	
APPENDIX A: WALMS SYSTEM LISTS	
A.1 Homogeneous Material Codes	
A.2 Laboratories List	
A.3 LBP Substrates	
A.4 Personnel	
A.5 Building Components	
A.6 Reports	
APPENDIX B: WALMS Programming Diagrams	
B.1 WALMS – Data Relationship Diagram	
B.2 WALMS – Process Diagram	52

## 1.0 Introduction

The Wisconsin Asbestos and Lead Management System (WALMS) is a web-based database designed for use by Wisconsin DOA Division of State Facilities, State Agency personnel, as well as select consultants. For each building in the Wisconsin State Facilities list, this centralized management system allows both data entry and reporting of information gathered during asbestos and lead-based paint surveys. This information includes:

- ACM and non-ACM materials lists by building and by floor
- Homogeneous materials
- Floor plans
- Abatement cost estimates

The pages that follow are intended to provide WALMS users guidance in:

- Navigating the WALMS screens
- Entering inspection and analysis data
- Generating reports

## 2.0 Logging onto WALMS

Microsoft Internet Explorer 5.0 or higher, is the preferred browser for use with the WALMS database. WALMS may be accessed from <u>http://walms.doa.state.wi.us/</u> Prior to using WALMS you will need to contact the DSF Project Manager to obtain a User ID and Password.

Enter your User ID and Password into the fields, as shown below.

🖄 WALMS - Logon - Microsoft Internet Explorer	. 🗗 🗙
File Edit View Favorites Tools Help	
🕝 Back - 🌍 - 🖹 🗟 🏠 🔎 Search 👷 Favorites 🧭 🔗 - 🌺 🔟 - 🛄 🚉	
Address 🎒 http://walms.doa.state.wi.us/	Links »
WISCONSIN DEPARTMENT OF ADMINISTRATION	~
Division of Facilities Development Wisconsin Asbestos and Lead Abatement Management System (WALMS) User ID: Password: Enter WALMS	jų.
Instructional Summary         WALMS Procedure Manual :         Data Entry         Section A         Field Survey Manual         Section B         WALMS Database User Guide	
WALKNO Database Oser Oser         Section C         Example Inspection Report         DISCLAIMER:         The data provided by the Wisconsin Asbestos and Lead Management System (WALMS) is intended for use by consultants to the State of Wisconsin and by others for construction and remodeling of State owned facilities. The State of Wisconsin bears no liability nor responsibility for any other use of this information. The findings within have been prepared in general ascordance with accepted professional practices as applied by similar professionale community at the time of inspection / report preparation. Changes in state of the art or in applicable regulations cannot be anticipated and have not been addressed in these reports. The field and laboratory results reported herein considered sufficient in detail and scope to determine the presence and condition of accessible and exposed suppert absetos-contaxing materials in the facility at the time of inspection. Analyzed results are valid only for each which could not be identified within the scope of study or which were not append mugnet based billy that the import preparation and encoded suppert absetos-contaxing materials in the facility at the time of inspection. Analyzed results are valid only for each which could not be identified within the scope of study or which were not append mugnet based.	in the are
2 Done	
Figure 1—WALMS Logon Page	

Click on <u>Enter WALMS</u>, and you will be linked to the WALMS home page.

## 3.0 The WALMS Home Page

When you log into the WALMS system, you will be linked to the WALMS Home Page (see Figure 2 below). From this page, you can access the rest of the WALMS system.

		Click on SYSTI link to the Syste						Click here to select agen institution, a building.
WALMS - Miter File Edit Vie Back Forv Address 😰 http:/	vard Stop n	Home Search Fav	vorites History	<mark>Bar ⊉</mark> Mail Print	Edit •			B _ B
Home 🛛 S	ystem Lists Log	on				V	VALI	MS /
Agency	MILITARY AFFAIRS					Select Agency: MILITARY AF	FAIRS	//
Institution	ABBOTSFORD					Select Institution: ABBOT	SFORD	
Building	0002 - ARMORY - AE	3BOTSFORD			S	elect Building: ARMORY - ABB	OTSFORD -	0002 💌
		Ins	pection Date: N	lot Available	Last Revision Date:	: Not Available		
Description Building Inform	1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 -	Building Sun Asbestos	nmary -			Asbestos	Lead Base	ed Paint
<u>Rooms</u> Homogeneous		Building Log	of suspect	ACM to readily	on-destructive nature c accessible materials. I have not been identifi	of this survey limited the identific: Therefore, hidden ACM (includin ied by this survey.	ation and qua Ig but not limi	lification ited to
Sa - 3708	cont Logo							
Building Comr Floor Plans	nent Logs	ACM Materials						
Building Comr Floor Plans Building Sumr	nary l	ACM Materials	Descript	ion	ACM/Assumed	ACM	Friable	
Building Comr Floor Plans Building Sumr Survey Dat	nary I	N		ion	ACM/Assumed	ACM	Friable	
Building Comr Floor Plans Building Sumr Survey Dat Materials - Ins Bulk Samples	nary I a pection Data	HM Code		ion Descriptio		ACM Non-ACM	Friable	
Building Comm Floor Plans Building Summ Survey Dat Materials - Ins Bulk Samples Analytical - As	nary I a pection Data	HM Code	rials				Friable	
Building Comm Floor Plans Building Summ Survey Dat Materials - Ins Bulk Samples Analytical - As	nary t a pection Data :bestos ad-Based Paint	HM Code Non-ACM Mater HM Code	rials				Friable	

Figure 2—WALMS home page

## 3.1 Home Page Information

This is the default view of the home page, as shown in the figure above. From this view, you can enter data and generate reports using the available Description, Survey Data, and Reports links as shown on the frame on the left. Three drop down boxes help you identify and select the appropriate AGENCY, INSTITUTION, and BUILDING (see Figure 2 above).

## 3.2 System List and Logon Page Information

From the WALMS home page, clicking on **System Lists** (see Figure 2 above) will link you to the System Lists page, as shown in Figure 3 below:

WALMS - System File Edit View Vorites Ioo	Page. It Internet Is Help If the Help If	Explorer Syn Favorites History Mail Print				ے ہے۔ ا ک بر ک
Home System Lists	Logor	1				WALMS
System Lists						
Lists	Homo	geneous Material Codes				New Homogeneous Material Code
Homogeneous Material Codes	Code	Description	Units	Replacement	Removal	Actions
Laboratories	CONST	UNDER CONSTRUCTION-NO SURVEY DONE	SF	0	0	Edit Delete
<u>LBP Substrates</u> Personnel	INA	INACCESSIBLE AREA/ROOM		0	0	Edit Delete
Building Components	INC	INACCESSIBLE CEILING		0	0	Edit Delete
Setup	INO	OTHER		0	o	Edit Delete
Reports	INP	INACCESSIBLE PIPECHASE		0	0	Edit Delete
	MAF	BUILT UP ACCOUSTICAL FLOORING		0	0	Edit Delete
	MAP	ACCOUSTICAL PANEL	SF	0	0	Edit Delete
	MBI	BLOWN IN INSULATION	SF	0	Ö	Edit Delete
	MCM	CARPET MASTIC	SF	0	O	Edit Delete
	MCT	CEILING TILE	SF	0	0	Edit Delete
	MCTM	CERAMIC TILE MASTIC	SF	0	0	Edit Delete
	MDJC	DUCT JOINT CLOTH	SF	0	0	Edit Delete
	MDP	EXTERIOR DUCT INSULATION PATCH	SF	0	0	Edit Delete
	MDW	DRYWALL / SHEETROCK	SF	0	0	Edit Delete
	MEI	ELECTRICAL WIRE INSULATION	LF	0	0	Edit Delete
	1	T		1		l liternet

Figure 3—System Lists Page

The System Lists page features and functions will be discussed in more detail in Appendix A. For now, observe two links available to you from this page (Figure 3):

- 1. The **Home** hyperlink—this link will return you to the Home Page
- 2. The Logon hyperlink—this link will return you to the Logon Page

The Home, System Lists, and Logon pages are all directly accessible from many of the sub-pages within the WALMS system.

#### Click on <u>HOME</u> to return back to the Home Page.

## 4.0 Entering Building Description Data

Three categories of building description data can be entered/imported into the WALMS system. These building description data categories are **Building Information**, **Rooms**, **Homogeneous Materials**, **Building Comments Log** and **Floor Plans**. Each is accessible from the Home Page (see Figure 4 below):

Rooms, He Building C	uilding Information omogeneous Material omments Log, Floor Building Summary.	s,			×e ×
	e Search Favorites Histor	Mail Print	Edit -		<u>ب</u> شور ما ما م
Home System Logon	1	ľ	Select A	Agency: MILITARY AFFA	
Institution OTSFORD Building 0002 - ARMORY - ABBO	DTSFORD		100, 200 C	ct Institution: ABBOTSF ling: ARMORY-ABBOT	
By Ing Information	Building Summary - Asbestos (Decer	nber 7, 2000) The no	Last Revision Date: Not Avai n-destructive nature of this surv cccessible materials. Therefore	Asbestos   <u>Le</u> ey limited the identificatio	
Homogeneous Materials Building Comment Logs Floor Plans Building Comment	therma ACM Materials		ACM/Assumed ACM		Friable
	Non-ACM Materials HM Code	Description		Non-ACM	
Analytical - Lead-Based Paint Standard Reports I. Building Information Report	Floor Summary of ACM Floor # HM Cc	de	Description	Quantity	Units
II. Building Summary Report III. Floor Plans					💌

Figure 4-- Links to Building Information, Rooms, Homogeneous Materials, Building Comments Logs, Floor Plans, and Building Summary

## 4.1 Entering Building Information Data

Clicking on the **<u>Building Information</u>** hyperlink (see Figure 4 above) will link you to the Building Info Data page (see Figure 5 below):

ome j Sys	stem Lists Logon					WAI MS
ilding Inspectio						
jency	MILITARY AFFAIRS			Select Aper	cy: MILITARY AFFAIRS	~
stitution	ABBOTSFORD				Select Institution: A	BOTSFORD
						1963
ailding	0002 - ARMORY - ABBOTSFORD				Select Building: ARMORY	ABBO TSFORD - 0002
		Inspection	Date: 5/3/2001 Data Entry Complete: 12/20/2002	Last Revision: 12/20/2002		
escription		Building Information				Edit Building Info
uilding Informati	ion	DFD Project Number	99L5Z	Initial Building Number	0002	
ooms		Addition Number	N/A			
omogeneous M		-				
uilding Commer	nt Logs	Building Address	1001 East Elm Street			
oor Plans		City	Abbotsford	County	Marathon	
uilding Summar	and the second se	State	WI	Zip Code	54405-0508	$ \rightarrow $
urvey Data	Conservation of the second	Present Use	Armory	Past Use	N/A	```````````````````````````````````````
aterials - Insper	ction Data	Contact Name	SGT Samuel P. Hayes	Contact Phone	(715) 223-4011	
ulk Samples		In second second second	10.1	have a second		
nalytical - Asbe		Inspectors Name	Mike Larsen	Inspector Number	A11/L11 13050	Click here to
nalytical - Lead		Company Name	PSI, Inc.	Phone	(262) 970-9022	enter New
tandard Re		Address	W228N727 Westmound Dr., Ste. A	City	Waukesha	Building Info
Building Inform		State	WI	Zip Code	53186	Dunding Into
Building Summ	nary Report	Inspection Date	5/3/2001	Data Entry Complete	12/20/2002	
Floor Plans Material Inven	dam By Paam	Approx. Construction Date	1989	Number of Floors	1	
Bulk Sample [		Gross Sq. Feet	16,500	Net Sq. Feet	same	
	Festing Inventory	Exterior Finish	16,500	Roof Type	same	
dditional Re		Extenor Finish		Root Type		
	Suspect Materials					
ooms with No : ooms Not Acce						
aterial Query	12340					
	Estimate					



The figure above shows a summary table of required Building Information. Populating this table is done through the <u>New Building Info</u> hyperlink (see above). Clicking on <u>New Building Info</u> will link to the following page (Figure 6):

ing Information		
	DFD Project Number	b9L5Z
	Initial Building Number	0002
	Addition Number	N/A
	Building Address	1001 East Elm Street
	City/County/State/Zip Code	Abbotstord Marethon WI 54405-0508
	Present Use	Armory
	Past Use	NA
	Contact	SGT Samuel P. Hayes
	Contact Phone Number	(715) 223-4011
	Inspector Name	Mike Larsen
	Inspector Number	A11/L11 13050
	Company Name	PSI Inc.
	Company Phone	(262) 970-9022
	Company Email	jupdike@psiusa.com
	Company Address	W228N727 Westmound Dr., Ste. A
	Company City/State/Zip	Waukesha WI 53186
	Inspection Date	5/3/2001
	Construction Date	1989
	Number Of Floors	1
	Gross Sq. Ft.	16,500
	Net Sq. Ft.	same
	Exterior Finish	
	Roof Type	
	Data Entry Complete	₽ 1220/2002
		Save Main Menu
	ente	king here will er current e. Check box

Figure 6—New Building Info Page

At the bottom (not shown) of Figure 6:

- Choosing Save saves the current information and returns you to the Building Info Page
- Choosing Main Menu returns you to the previous menu.
- At the bottom of Figure 6 is a box that indicates "Data Entry Complete"- This button needs to be checked ONLY WHEN THE REPORT IS COMPLETE AND ALL DATA HAS BEEN ENTERED. BE SURE TO CHECK PRIOR TO PRINTING THE FINAL HARD COPY REPORT. Checking the box will automatically apply the current date.

## 4.2 Entering Rooms Data

Clicking on the **<u>Rooms</u>** hyperlink (see Figure 4 above) will link you to the Rooms Description Data page (see Figure 7 below):

<u>File Edit Vie</u>	r <mark>rosoft Internet Explorer</mark> ew F <u>a</u> vorites <u>T</u> ools <u>H</u>	elp					
	→ . ③	Home Search Favorite	s History Mail Pri	nt Edit	<del>,</del>		
	111111	nome search Favorite					₹ ∂
america noby			abanan igid - readgorioyid - roc				
Home S	System Lists   Lo	non				WALN	NS
Agency	STATE FAIR PARK			Select /	Agency: STATE FAIR PARK	•	
Institution	STATE FAIR PARK	<- WEST ALLIS	2		Select Institut	ion: STATE FAIR PARK-WEST AL	LIS 💌
Building	0231 - GRANDSTA	ND			Select Building:	GRANDSTAND - 0231	*
		Inspec	tion Date: Not Availabl	e Last Rev	rision Date: Not Ava	ilable	
Description	n	Rooms				New	Room
Building Inform	nation	Room Number	Room Name	Floor	Inaccessible	Actions	/
Rooms		▶ 100		1	No	Edit Delete	1
Homogeneous Building Comr		101A		1	No	Edit Delete	
Building Comment Logs		102		1	No	Edit Delet	
Floor Plans							
Building Sumr	1100-100	103		1	No	Edit Dele	
Building Sumr Survey Dat	ta	103		1	No No	Edit Dele	
Building Sumr Survey Dat Materials - Ins	ta spection Data	0.7.70		20	No	Edit De	
Building Sumr Survey Dat	ta spection Data	104		20	No	Edit De	
Building Sum Survey Da Materials - Ins Bulk Samples Analytical - As	ta spection Data	104 105 106	Click here	1	No No No	Edit De Edit D Click here to	
Building Sumr Survey Da Materials - Ins Bulk Samples Analytical - As Analytical - Le Standard F	ta spection Data s sbestos ead-Based Paint Reports	104 105 106 107	delete an	1 1 to edit or	No No No	Edit De	
Building Sumr Survey Dat Materials - Ins Bulk Samples Analytical - As Analytical - Le Standard F I. Building Info	ta spection Data sbestos ead-Based Paint Reports prmation Report	104 105 106 107 108		1 1 to edit or existing	No No No Yes	Edit De Edit D Click here to enter a New Room.	
Building Sumr Survey Dat Materials - Ins Bulk Samples Analytical - As Analytical - Le Standard F I. Building Info	ta spection Data sbestos ead-Based Paint <b>Reports</b> prmation Report prmary Report	104 105 106 107	delete an	1 1 to edit or	No No No	Edit De Edit D Click here to enter a New	

Figure 7—Rooms Summary Page

The figure above shows a summary table of rooms, room numbers, floors, and accessibility. To populate this table, it is first necessary to create a new room in the system; this is done through the <u>New Room</u> hyperlink (see above). Clicking on <u>New Room</u> will link to the following page (Figure 8):

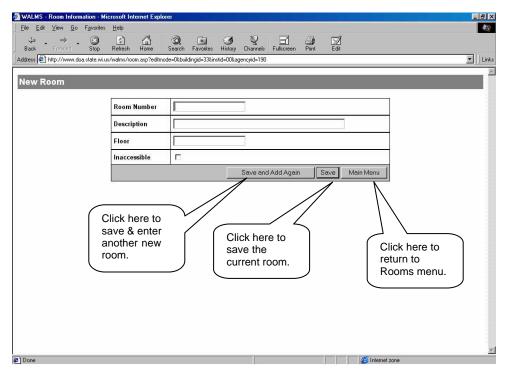


Figure 8—New Room Page

As Figure 8 shows:

- Choosing Save saves the current new room and returns you to the Rooms
   Summary Page
- Choosing Save and Add Again saves the current new room and allows entry of another new room
- Choosing Main Menu returns you to the previous menu.

## 4.3 Entering Homogeneous Materials Data

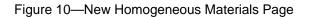
From the **Home Page**, clicking on the <u>Homogeneous Materials</u> hyperlink will link you to the following page (Figure 9):

Hack Forward	ard Stop Refresh	Home Search	Favorites History	Mail Print	Edit				
No. 1	www.doa.state.wi.us/walms								
Home   Sy	rstem Lists Log	gon						WAL	_MS <sup>1</sup>
Agency	STATE FAIR PARK					Select Agenc	y: STATE FA	IR PARK	×
nstitution	STATE FAIR PARK	- WEST ALLIS		~	S	elect Institution:	STATE FAIR P	ARK-WES	T ALLIS 💌
Building	0231 - GRANDSTAN	1D		-	Select	t Building: GRAN	DSTAND - 02	31	<b>X</b>
			Inspection Dat	e: Not Available	Last Revision Da	te: Not Available			
Description	N Contraction of the second seco	Homogen	eous Materia	ls				Nev	w Material
Building Informa	6	Material Cod	and the second se			PLM Results	Comments	and the second second	ions /
Rooms		МСМ	Tan Carpet Mastic		Non-ACM		Edit	Delete	
<u>Homogeneous I</u>		MDJC	Green Cloth Connector		Non-ACM		Edit	Delet	
<u>Building Comm</u> Floor Plans	ent Logs	MDWC	Drywall Joint Compound Composite		Non-ACM		Edit	Dele	
Building Summ	ary	ME12W	12'x12" White Floor Tile and Associated Mastic		Non-ACM		Edit	Del	
Survey Data	1	MSCT1			Non-ACM		Edit	De	
<u>Materials - Insp</u>	ection Data	MSCT2	2'x4' White Drywall Panels 2'x4' White Ceiling Tile with Fissures and Holes		Non-ACM		Edit		
<u>Bulk Samples</u> Analytical - Ast	nestos	100000							
Analytical - Lea	and the second second	MV4		4" Vinyl Wallbase and Associated Mastic		Non-ACM		Edit	<u> </u>
Standard R	eports	MVWC	White Vinyl V	Vall Covering		Non-ACM		Edit	4
. Building Inforr	nation Report	MWM	Black Wall N	lastic		ACM		Edit	
I. Building Sum	imary Report	NSM	No Suspect	vlaterials		Non-ACM		- Management of the local division of the lo	lick here to enter a
<u>II. Floor Plans</u>		TF10F	5"-10" O.D. F	itting on Fiberglass	Pipe Insulation	Non-		E	lomogeneous mater

Figure 9—Homogeneous Materials Page

This page is used to generate, edit and delete homogeneous materials.. For example, clicking the **<u>New Material</u>** hyperlink will link you to the following page (Figure 10):

WALMS - Homogeneous Mater File Edit View Go Favorite		rnet Explorer	
⇔. ⇒. ⊗	1 1 1 Q	Favorites History Channels Fullscreen Print Edit	
Back Forward Stop ddress A http://www.doa.state.wi		Favorites History Channels Fullscreen Print Edit	- Li
			- 14
New Homogeneous	Material		
	Material Category	MCT - CEILING TILE	
	Material Code		
	Material Description		
	PLM Results	• Non-ACM C ACM C Assumed ACM C NA	
	Comments		
		Save and Add Again Save Main Menu	
Done		Contract and the second	



Steps to entering New Homogeneous Materials:

- 1. Choose the material category from the drop down box (these are "master" codes that can only be changed by a system administer).
- 2. Enter the material code and description in the field indicated.
- 3. Choose the correct PLM Result: ACM, Non-ACM, Assumed ACM, or N/A.

As with the New Rooms page described before, the New Homogeneous Materials Page contains data entry fields and three button choices: SAVE, SAVE AND ADD AGAIN, and MAIN MENU:

- Choosing Save saves the current new homogeneous material and returns you to the Homogeneous Materials Page
- Choosing Save and Add Again saves the current new homogeneous material and allows entry of another homogeneous material
- Choosing Main Menu returns you to the previous menu

## 4.4 Entering Building Comments Log Data

Clicking on the **<u>Building Comments Log</u>** hyperlink (see Figure 4 above) will link you to the Building Comments Log Data page (see Figure 11 below):

WALMS - Micr	osoft Internet Explo	rer														- 8	×	
<u>Eile E</u> dit ⊻ieu	w F <u>a</u> vorites <u>T</u> ools	<u>H</u> elp														1		
Back Forw	· · · · · · · · · · · · · · · · · · ·		Searc	h Favorites	3 History	Mail	Print	Edit	•									
Address 🛃 http:/	/www.doa.state.wi.us/v	walms/ma	in.asp?menuid=	15&instid=7	3&buildingid=1	6442&age	ncyid=46	5								₹ ∂Go	10	
Home S	ystem Lists 🛛	Logo	n										V	٧A	LM	S	•	
Agency	MILITARY AFFAIRS									Sele	ect Ager	icy: MILI	TARY A	FFAIRS				
Institution	tion ABBOTSFORD								ş	Select Ir	stitution:	ABBOT	rsford	0	•			
Building	0002 - ARMOR	Y - ABB	OTSFORD							Select E	Building:	ARMOR	RY-ABE	OTSFO	RD - 0002			
-				Inspect	ion Date:	Not Ava	nilable	Last Re	vision D	ate: Not A	Availab	e						
Description Building Inform	***		Building	Comme	nt Logs	i.									ew Build mment			
Rooms			Log Date	User	Comment	ts								Actio	ns 🔪			
Homogeneous Building Comm Floor Plans		Þ	12/7/00 11:25:09 AM	jupdike	of suspec	t ACM t	to readily	/ accessil	le mater	ited the id ials: There have not	efore, hi	iden ACN	l (includi		Edit Delete			
Building Summ Survey Dat Materials - Insp	a									$\langle$	/					$\left  \right $		
<u>Bulk Samples</u> Analytical - As	and the second						de	lick here elete an	existir	ng								
Standard R								uilding ( og.	Comme	ent	J						k here er a Ne	
I. Building Infor II. Building Sur III. Floor Plans	<u>mation Report</u> nmary Report																	
	D. D													👩 lr	nternet		-	

Figure 11—Building Comment Logs Page

Entry of new building comments is done through the <u>New Building Comment</u> <u>Log</u> hyperlink (see above). Clicking on <u>New Building Comment Log</u> will link to the following page (Figure 12):

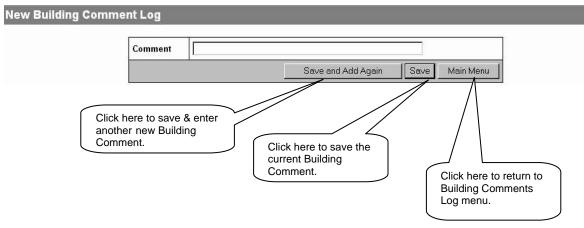


Figure 12—New Building Comment Page

As Figure 12 shows:

- Choosing Save saves the current building comment and returns you to the Building Comments Log Page
- Choosing Save and Add Again saves the current building comment and allows entry of another new building comment
- Choosing Main Menu returns you to the previous menu.

## 4.5 Importing Floor Plans

The WALMS program has the ability to store and display floor plan information that is imported into the system. An Adobe Acrobat (.PDF) file is the preferred file format, although the database will also accept .GIF or .JPEG files. Clicking on the **Floor Plans** hyperlink (see Figure 4 above) will link you to the Floor Plans page (see Figure 13 below):

WALMS - Mic	rosoft Internet Explorer						
<u>File E</u> dit ⊻ie	ew F <u>a</u> vorites <u>T</u> ools <u>H</u> elj	p					
	vard Stop Refresh		🍏 🖾 - 🎒 🛃 listory Mail Print Edit	*			
ddress 🛃 http:	//www.doa.state.wi.us/walms/	/main.asp?menuid=12&instid=0H&b	uildingid=1549&agencyid=285				- 0
Home S	System Lists Log	jon				1	NALMS
Agency	UNIVERSITY OF WI	SCONSIN		Sele	ect Agency		TY OF WISCONSIN 🗾
Institution		PUS		S	elect Instit	ution: PLATT	EVILLE CAMPUS 💽
Building	0007A - WILLIAMS F	FIELDHOUSE		Select Building:	WILLIAMS	FIELDHOUS	E-0007A
		Inspection	Date: Not Available Last R	evision Date: Not /	Available		
Descriptio	n	Floor Plans	141				New Floor Plan
Building Inform	nation	Description	Actions				
<u>Rooms</u>		basement		View	Edit	Delete	
Homogeneous		first floor		View	Edit	Delete	
Building Comr Floor Plans		Second floor		View	Edit	Delete	
Building Sumr					Lun	POINT	
Survey Da							
Materials - Ins							
Bulk Samples							
Analytical - A	<u>sbestos</u>						
Analytical - Le	ad-Based Paint						
Standard F	Reports						
I. Building Info	rmation Report						
II. Building Su	<u>mmary Report</u>						
III. Floor Plans	1						

Figure 13—Floor Plans Page

From this page, you can perform the following functions:

- Edit Edit and Delete Delete floor plans
- View View an existing floor plan
- Enter a new floor plan

Entry of new floor plans is done through the <u>New Floor Plan</u> hyperlink (see above). Clicking on <u>New Floor Plan</u> will link to the following page (Figure 14):

#### New Floor Plan

Description	
Floor Plan Image	Browse
L.	Save Main Menu

Figure 14—New Floor Plans Page

#### Entry of floor plans is a two-stage process – **Image Scanning** and **Uploading Floor Plans into WALMS**

#### Image Scanning

Create the floor plan image using a scanner or copier with scanning capabilities and save on your hard drive. The preferred file format is .PDF, although the database will also accept .GIF or .JPEG file formats.

#### **Uploading Floor Plans into WALMS**

- 1. Enter the WALMS web site.
- 2. Select the Agency, Institution, and Building that the floor plan is for.
- 3. Click Floor Plans from the menu on the left.
- 4. Click New Floor Plan from the top right of the Floor Plan title bar.
- 5. Enter a description for this floor plan image (i.e. 01, 02, Basement, etc.).
- 6. Click on the browse Browse button next to the File Path text box.
- 7. Select the floor plan image file you uploaded from the directory you created.
- 8. Click the Save Save button.

## 5.0 Entering Survey Data

While building description data are entered in the Building Description sections of the WALMS system, asbestos/lead survey and analysis data are entered in the SURVEY DATA section of WALMS. This section is accessible from the **Home Page**, as shown below in figure 15.

As shown below, there are 4 types of survey data that can be entered in WALMS:

- Materials Inspection Data
- Bulk Samples
- Analytical—Asbestos
- Analytical—Lead

Eile Edit ⊻ie	and the second	<u>a</u> a i	<b>R</b> 3	3- <i>3</i>	=1		
Back Forw		Home Search Fav		⊠ ⊒# Mail Print	Edit -		
ddress 🛃 http:/	//www.doa.state.wi.us/walms/m	ain.asp					
Home S	System Lists Logo	on					WALMS
Agency	MILITARY AFFAIRS					Select Agency: MILITARY	AFFAIRS
Institution	ABBOTSFORD					Select Institution: ABB	
Building	0002 - ARMORY - AB	BOTSFORD				elect Building: ARMORY-A	
banding	5002 - ARMORT - AD		No. 01200000 444.4	///2// 152//2/2	en annes en ne an sa sa		
		Ins	pection Date: No	t Available	Last Revision Date:	Not Available	
	15						
Description	n	Building Sun	nmary -			Asbestos	s I Lead Based Pair
Descriptior Building Inform	-011	Building Sun Asbestos	-				s   <u>Lead Based Pair</u>
Building Inform Rooms	nation	Asbestos	(December 7			f this survey limited the identi	ification and qualification
Building Inform Rooms Homogeneous	nation s Materials		(December 7 of suspect A	CM to readily a		f this survey limited the ident Therefore, hidden ACM (inclu	ification and qualification
Building Inform Rooms Homogeneous Building Comn	nation s Materials	Asbestos Building Log	(December 7 of suspect A	CM to readily a	accessible materials.	f this survey limited the ident Therefore, hidden ACM (inclu	ification and qualification
Building Inform Rooms Homogeneous	nation s Materials nent Logs	Asbestos Building Log ACM Materials	(December 7 of suspect A thermal syst	CM to readily a em insulation)	accessible materials. have not been identifie	f this survey limited the ident Therefore, hidden ACM (inclu ad by this survey.	ification and qualification Iding but not limited to
Building Inform Rooms Homogeneous Building Comn Floor Plans	nation s Materials nent Logs nary ▷	Asbestos Building Log ACM Materials	(December 7 of suspect A	CM to readily a em insulation)	accessible materials.	f this survey limited the ident Therefore, hidden ACM (inclu ad by this survey.	ification and qualification
Building Inform Rooms Homogeneous Building Comn Floor Plans Building Sumn	nation s Materials ment Logs mary ▷ t <b>a</b>	Asbestos Building Log ACM Materials	(December 7 of suspect A thermal syst	CM to readily a em insulation)	accessible materials. have not been identifie	f this survey limited the ident Therefore, hidden ACM (inclu ad by this survey.	ification and qualification Iding but not limited to
Building Inform Rooms Homogeneous Building Comn Floor Plans Building Sumn <b>Survey Dat</b> Materials - Ins	nation s <u>Materials</u> ment Logs mary ▷ <b>ta</b> ipection Data	Asbestos Building Log ACM Materials HM Code	(December 7 of suspect A thermal syst	CM to readily a em insulation)	accessible materials. have not been identifie ACM/Assumed <i>i</i>	f this survey limited the ident Therefore, hidden ACM (inclu ad by this survey.	ification and qualification Iding but not limited to
Building Inform Rooms Homogeneous Building Comn Floor Plans Building Sumn <b>Survey Dat</b> Materials - Ins	nation s <u>Materials</u> nent Logs nary Þ ta spection Data	Asbestos Building Log ACM Materials HM Code Non-ACM Materi	(December 7 of suspect A thermal syst	CM to readily a em insulation)   n	accessible materials. have not been identifie ACM/Assumed <i>i</i>	f this survey limited the ident Therefore, hidden ACM (inclu ad by this survey. ACM	ification and qualification Iding but not limited to
Building Inform Rooms Homogeneous Building Comn Floor Plans Building Sumn <b>Survey Dat</b> Materials - Ins Bulk Samples Analytical - As	nation s <u>Materials</u> nent Logs nary Þ ta spection Data	Asbestos Building Log ACM Materials HM Code Non-ACM Materi	(December 7 of suspect A thermal syst Descriptio	CM to readily a em insulation)   n	accessible materials. have not been identifie ACM/Assumed <i>i</i>	f this survey limited the ident Therefore, hidden ACM (inclu ad by this survey. ACM	ification and qualification Iding but not limited to
Building Inform Rooms Homogeneous Building Comn Floor Plans Building Sumn <b>Survey Dat</b> Materials - Ins Bulk Samples Analytical - As	nation <u>s Materials</u> <u>nent Logs</u> <u>nary</u> ▷ ta <u>spection Data</u> <u>sbestos</u> <u>sad-Based Paint</u>	Asbestos Building Log ACM Materials HM Code Non-ACM Materi HM Code	(December 7 of suspect A thermal syst Descriptio	CM to readily a contract of the second secon	accessible materials. have not been identifie ACM/Assumed <i>i</i>	f this survey limited the ident Therefore, hidden ACM (inclu ad by this survey. ACM	ification and qualification Iding but not limited to
Building Inform Rooms Homogeneous Building Comn Floor Plans Building Sumn <b>Survey Dat</b> Materials - Ins Bulk Samples Analytical - As Analytical - Le <b>Standard R</b>	nation <u>s Materials</u> <u>nent Logs</u> <u>nary</u> ▷ ta <u>spection Data</u> <u>sbestos</u> <u>sad-Based Paint</u>	Asbestos Building Log ACM Materials HM Code Non-ACM Mater HM Code Floor Summary	(December 7 of suspect A thermal syst Descriptio	CM to readily a contract of the second secon	accessible materials. have not been identifie ACM/Assumed <i>i</i>	f this survey limited the ident Therefore, hidden ACM (inclu ad by this survey. ACM Non-ACM	ification and qualification ding but not limited to Friable
Building Inform Rooms Homogeneous Building Comn Floor Plans Building Sumn Survey Dat Materials - Ins Bulk Samples Analytical - Le Standard R	nation s Materials ment Logs mary D ta spection Data sbestos sead-Based Paint Reports rmation Report	Asbestos Building Log ACM Materials HM Code Non-ACM Mater HM Code Floor Summary	(December 7 of suspect A thermal syst Descriptio	CM to readily a contract of the second secon	accessible materials. have not been identifie ACM/Assumed <i>i</i>	f this survey limited the ident Therefore, hidden ACM (inclu ad by this survey. ACM Non-ACM	ification and qualification ding but not limited to Friable

Figure 15—Survey Data Section of WALMS Home Page

## 5. 1 Entering Materials Inspection Data

Clicking on the <u>Materials Inspection Data</u> hyperlink on the WALMS Home Page links you to the following page (Figure 16):

<u>Eile E</u> dit ⊻ie	w F <u>a</u> vorites <u>T</u> ools <u>H</u> elp						
Back For	· · · ·		😡 🚵 🏈 🔤 iearch Favorites History Mail	Print	Edit -		
			nuid=3&instid=00&buildingid=33&agen			2	· è
				-61			(internet) between
Home S	ystem Lists Logo	on				WALM	S
							-
Agency	STATE FAIR PARK		6		Select	Agency: STATE FAIR PARK	-
Institution	STATE FAIR PARK -	WEST AL	LIS		Select Instit	ution: STATE FAIR PARK-WEST ALLIS	•
Building	0443 - ADMINISTRATI		DING		1999-1999-1999-1999-1999-1999-1999-199	ADMINISTRATION BUILDING - 0443	<b></b>
building						1002 C. 45 P	205
			Inspection Date: Not A	vailable L	ast Revision Date: Not Av	ailable	
Description	n	Mater	ials - Inspection Data			New Mate	rial
Building Inform	nation		Room 🗕 💌		Homo	geneous Material Code	
Rooms		-				<u>.</u>	_
Homogeneous		Room	Mat. Code	Quantity	Removed	Actions	
Building Comment Logs			MV4 4" Vinly Wallbase and	24 LF	ol	Edit History Delete	
Floor Plans	nent Logs	100	Mastic	24 LF	V	cuit history belete	
<u>Floor Plans</u> Building Sumr	nary	100		480 SF	0	Edit History Delete	
	nary ta	100	Mastic MDWC Drywall & Joint				
Floor Plans Building Sumr Survey Dat	nary ta pection Data ♪	100	Mastic MDWC Drywall & Joint Compound Wall System MV4 4" Vinly Wallbase and	480 SF	0	Edit History Delete	
Eloor Plans Building Sumr Survey Dat Materials - Ins Bulk Samples Analytical - Le	nary ta pection Data ▷ sbestos ad-Based Paint	100	Mastic MDWC Drywall & Joint Compound Wall System MV4 4" Vinly Wallbase and Mastic MDWC Drywall & Joint	480 SF 48 LF 1000	0	Edit History Delete Edit History Delete	
Floor Plans Building Sumr Survey Dat Materials - Ins Bulk Samples Analytical - As Analytical - Le Standard F	nary ta pection Data ▷ sbestos sad-Based Paint Reports	100 101 101	Mastic MDWC Drywall & Joint Compound Wall System MV4 4" Vinly Wallbase and Mastic MDWC Drywall & Joint Compound Wall System	480 SF 48 LF 1000 SF	0	Edit     History     Delete       Edit     History     Delete       Edit     History     Delete       Edit     History     Delete	
Floor Plans Building Sumr Survey Dat Materials - Ins Bulk Samples Analytical - As Analytical - Le Standard F	nary ta pection Data ▷ sbestos sad-Based Paint Reports rmation Report mmary Report	100 101 101 101	Mastic MDWC Drywall & Joint Compound Wall System MV4 4" Vinly Wallbase and Mastic MDWC Drywall & Joint Compound Wall System MCM Yellow Carpet Mastic MSCT1 2'x2' Ceiling Tile:	480 SF 48 LF 1000 SF 640 SF	0	Edit     History     Delete       Edit     History     Delete       Edit     History     Delete       Edit     History     Delete       Edit     History     Delete	

Figure 16—Materials Inspection Data Page

From this page, you can perform the following functions:

- View a list of materials by building, room, and material (see view above)
- Add new materials
- Edit Edit and Delete Delete materials
- View an abatement history History for that room/material

To add new material, click on the **<u>New Material</u>** hyperlink.

You are linked to the New Material Data Entry Page (Figure 17).

WALMS - Material Inform <u>File E</u> dit <u>V</u> iew F <u>a</u> vori	mation - Microsoft Internet Exp tes Tools Help	lorer	
<	3 P 4 6	) 🔝 ॐ 🗗 🗳 🛃 - ch Favorites History Mail Print Edit	
Address 🛃 http://www.doa	state.wi.us/walms/material.asp?edit	mode=0&buildingid=33&areaid=0&roomid=0&instid=00&agencyid=190	• ले।
New Material			
	Room	Select 100 💌 or Enter Room Code	
	Homogeneous Material	Select MCM - Yellow Carpet Mastic or Enter	
	Quantity		
	Friable	C Yes @ No	
	Material Condition	© Good © Poor	
*	Comments	×	
		Save and Add Again Save Main Menu	
	19 6.3		
Done			internet

Figure 17—New Material Data Entry Page

For a given **room** and **material**, use this data entry page to input information regarding the material's **quantity**, **friability**, **condition**, as well as any **comments** you want entered.

The New Material Page contains data entry fields and three button choices: SAVE, SAVE AND ADD AGAIN, and MAIN MENU:

- Choosing Save saves the current entry and returns you to the Materials
   Inspection Page
- Choosing Save and Add Again saves the current entry and allows additional data entry
- Choosing Main Menu returns you to the previous menu.

## 5.2 Entering Bulk Samples Data

Clicking on the **Bulk Samples** hyperlink from Figure 4 links you to the following page (Figure 18):

÷		lelp		-1			
	▶ - 🧭 🔄 vard Stop Refresh	Home Sear	l 🔝 🍏 🖾 🖌 🎒 ch Favorites History Mail Print	Edit -			
Address 🙋 http:	//www.doa.state.wi.us/waln	ns/main.asp?menuic	=4&instid=00&buildingid=33&agencyid=190				▼ ∂Go
Home S	ystem Lists Lo	ogon				WA	LMS
	1117 - 1117						
Agency	STATE FAIR PAR	<			Select Agency: ST	ATE FAIR PARK	
Institution	STATE FAIR PAR	< - WEST ALLIS			Select Institution: STATE	FAIR PARK - W	EST ALLIS 🚽
		d din anderense				accords of a serie contract of the cont	
Building	0443 - ADMINISTR	ATION BUILDIN	3		Select Building: ADMINISTRA	ATION BUILDING	à-0443 💌
			Inspection Date: Not Available	Last Revisi	on Date: Not Available		
Descriptio	n	Bulk Sa	mples			New E	Bulk Sample
Building Inform	nation		Room -	-	Homogeneous Mate	rial Code	
<u>Rooms</u>			Room  -				<b>X</b>
Homogeneous Building Com	and a second second second	Sample Number	Homogeneous Material Code	Room	Location Within Room	Actions	
<u>Floor Plans</u> Building Sumi	narv	01	MCT1 1'x1' Ceiling Tile: Rough & Pinholes and Mastic	104	Ceiling System	Edit	Delete
Survey Da		02	MCT1 1'x1' Ceiling Tile: Rough & Pinholes and Mastic	104	Ceiling System	Edit	Delete
<u>Materials - Ins</u> Bulk Samples		⊳ 03	MCT1 1'x1' Ceiling Tile: Rough & Pinholes and Mastic	106	Ceiling System	Edit	Delete
Analytical - A Analytical - Le	<u>sbestos</u> ad-Based Paint	04	MV4 4" ∀inly Wallbase and Mastic	STWL1	East Wall	Edit	Delete
Standard F	Reports	05	MV4 4" Vinly Wallbase and Mastic	COR-2	North Wall	Edit	Delete
	rmation Report mmary Report	06	MV4 4" Vinly Wallbase and Mastic	B20	West Wall	Edit	Delete
III. Floor Plans		07	MDWC Drywall & Joint Compound	B02	Above Ceiling	Edit	Delete
N.Y. KALALIGET 14	Content Dir Deene	175	Woll System				

Figure 18--Bulk Samples Page

From the Bulk Samples page you can:

- View a list of samples for a given building, room, and homogeneous material code
- Enter a **New Bulk Sample**
- Edit Edit and delete Delete Bulk Samples

Click on **New Bulk Sample** to link to the New Bulk Sample data entry page (Figure 19).

	ools <u>H</u> elp		
Back Forward Stop	Refresh Home Search	h Favorites History Mail Print Edit	
Passage 1		ditmode=0&buildingid=33&areaid=0&roomid=0&instid=00&agencyid=190	2
New Bulk Sample			
	Sample Number		
	Homogeneous Material	Select MCM - Yellow Carpet Mastic  or Enter Area Code	
	Room	Select 100 or Enter Room Code	
	Location		
		Save and Add Again Save Main Menu	

Figure 19—New Bulk Sample Page

From the New Bulk Sample page, for each bulk sample, select the room the sample was taken from, the homogeneous material sampled and then enter a new **sample number (001, 002, 003, etc)** and **location**.

- Choosing Save saves the current new sample and returns you to the Bulk Samples Page
- Choosing Save and Add Again saves the current new sample and allows entry of another bulk sample
- Choosing Main Menu returns you to the previous menu

Click the Main Menu button to return to the previous page, then click on the <u>Analytical-Asbestos</u> hyperlink (Figure 18). This links you to the following page (Figure 20):

			=33&agencyid=190					▼ ∂Go		
			oodagonoyia roo							
Home   Syste	em Lists 🛛 Logo	n					M	VALMS		
Agency S	TATE FAIR PARK		Select Agency: STATE FAIR PARK							
nstitution S	TATE FAIR PARK - W	/EST ALLIS			Select Institu	tion: STATE FAI	R PAF	RK-WESTALLIS		
Building O	443 - ADMINISTRATIO	IN BUILDING			Select Building:	ADMINISTRATIO	N BUI	LDING - 0443 💌		
		Inspection Date	: Not Available	Last Revisi	on Date: Not Ava	ilable				
Description		Analytical Data - Asbes	tos					New Data		
Building Information	i.	Homogeneou	ıs Material Code	-				•		
<u>Rooms</u> Homogeneous Mate	erials	Mat. Code		Sample Number	Comments	Date Inspected	АСМ	Actions		
<u>Building Comment  </u> Floor Plans	Logs	MCT1 - 1'x1' Ceiling Tile: Roug Mastic	h & Pinholes and	01	Tile	2/6/00	No	Edit Delete		
<u>Building Summary</u> <b>Survey Data</b> Aaterials - Inspecti	on Data	MCT1 - 1'x1' Ceiling Tile: Roug Mastic	h & Pinholes and	01	Mastic	2/6/00	No	Edit Delete		
Bulk Samples Analytical - Asbest		MCT1 - 1'x1' Ceiling Tile: Roug Mastic	h & Pinholes and	02	Tile	2/6/00	No	Edit Delete		
Analytical - Lead-B Standard Repo	orts	MCT1 - 1'x1' Ceiling Tile: Roug Mastic	h & Pinholes and	02	Mastic	2/6/00	No	Edit Delete		
<u>. Building Informati</u> I <u>. Building Summar</u> II. Floor Plans		MCT1 - 1'x1' Ceiling Tile: Roug Mastic	h & Pinholes and	<sup>03</sup> 🛉	Tile 🔺	▲ 2/6/00	No	Edit Delete		
57 KALALISI (		naa n <u>name aan a</u>		C				Edit 2		

- Material Code
- Sample Number
- Comments (if any)
- Date Inspected
- ACM (Yes or No)
- By clicking on the **New Data** hyperlink, you can enter New Data.
- By clicking the Edit and Delete buttons, you can edit or delete this data.

For now, click on the <u>New Data</u> hyperlink. This will link you to the New Data Entry Page for Asbestos Analytical (Figure 21).

## 5.3 Entering Analytical-Asbestos Data

🚰 WALMS - Asbestos Analytical Data - Micros	oft Internet Explorer	_ 6 ×
<u>File Edit View Favorites Iools H</u> elp		
→ → → ③ 🕄 🚰 Back Forward Stop Refresh Hom	e Search Favorites History Mail Print Edit	
Address 🙋 http://www.doa.state.wi.us/walms/analy	tical.asp?editmode=0&buildingid=33&areaid=0&instid=00&agencyid=190	▼ 200 € 60
New Asbestos Analytical Data	a	×
Homogeneous Material	Select MCM - Yellow Carpet Mastic Select Of Enter Code	
Sample Number		
Laboratory	Professional Services Industries, Inc.	
Analysis		
Analysis Type	C PLM C Point Count	
Inspected By	Budde, Andy	
Date Inspected		
Asbestos Results	Chry: Amo: Croc: Anth: Act/Tre:	
Asbestos Total		
Comments		
	Save and Add Again Save Main Menu	
		w.
🔊 Done		Internet

Figure 21—New Asbestos Analytical Data Page

From this page, you can enter the following data regarding your asbestos sample:

- Homogeneous Material
- Sample Number
- Laboratory
- Analysis Category
- Analysis Type
- Inspector
- Date Inspected
- Asbestos Results
- Asbestos Total
- Comments

Click the Main Menu button to return to the previous page, then click on the <u>Analytical—Lead-Based Paint</u> hyperlink. This links you to the following page (Figure 22):

## 5.4 Entering Analytical-Lead-Based Paint Data

÷ -	, 🛞 টো	A Q B 3	B. 4 5	1		
Back For		Home Search Favorites History		Z] ▼ dit		
ddress 🙋 http:/	//www.doa.state.wi.us/walms	:/main.asp?menuid=6&instid=00&buildingid	l=33&agencyid=190			• ĉ
	and the second					10
Home S	ystem Lists 🛛 Log	gon			WALM	1S
Agency	STATE FAIR PARK			Select Agency:	STATE FAIR PARK	-
Institution	STATE FAIR PARK	- WEST ALLIS		Select Institution: ST	ATE FAIR PARK - WEST ALI	IS 💌
Building	0443 - ADMINISTRA	TION BUILDING		Select Building: ADMINIS	TRATION BUILDING - 0443	•
		Inspection Dat	e: Not Available Las	t Revision Date: Not Available		1
Description	1	Analytical Data - Lead	Based Paint		New LBP Analytica	I Data
Building Inform	nation		Room	-		
<u>Rooms</u>		, Sample Room Buildi	Paint or	XRF Result	Lab Chip LBP/Non-	a
Homogeneous		Date Sample Room Buildi # # Comp		Condition Substrate (mg/cm2)	Results (%) LBP	Actions
<u>Building Comr</u> Floor Plans	nent Logs			LL Analytical Data - LBP		
Building Sumr	narv				<b>A A</b>	
Survey Dat			T	T T T	T T	T
Materials - Ins	pection Data					
Bulk Samples	2					
Analytical - As	bestos					
Analytical - Le	<u>ad-Based Paint</u>	⊳				
Standard R	Reports					
Building Info	rmation Report					
	mmary Report					
III. Floor Plans						
57 KALALIGI (LI					😭 Internet	

From this page, you can:

- View a summary table of lead-based paint analysis data for both XRF and paint chip testing (Date, Sample #, Room #, Building Component, Paint or Varnish, Condition, Substrate, XRF Result, Lab Chip Result, LBP/Non-LBP and Actions)
- Enter new LBP Analytical Data
- Finally, by clicking the **Edit** and **Delete** buttons, you can edit or delete this data.

Click on the <u>New LBP Analytical Data</u> hyperlink to link to the <u>New LBP Analytical</u> <u>Data</u> Page (Figure 23).

	ad Based Paint Analytical Data - Microsoft I ew F <u>a</u> vorites <u>I</u> cols <u>H</u> elp	nternet Explorer	-82
÷	*. 3 6 A 3	Favorites History Mail Print Edit	
Address 🛃 http:	//www.doa.state.wi.us/walms/lead.asp?editmode=	0&buildingid=6442&areaid=0&instid=79&agencyid=465	<b>▼</b> ∂Go
New Lead	d Based Paint Analytical Dat	a	
	Sample Number		1
	Room	Select 🔽 or Enter Room Code	
	Building Component	Ceilings	
	Paint or Varnish Color		
	Condition	C Good C Poor	
	Substrate	Brick	
	XRF Result (mg/cm2)		
	Lab Chip Result (%)		
	LBP/Non-LBP	CLBP © Non-LBP	
	Comments		
	Inspected By	Budde, Andy	
	Date Inspected		
	XRF Model		
	XRF Serial		
		Save and Add Again Save Main Menu	
🖉 Done	8		Niternet

Figure 23—New Analytical Data – Lead-Based Paint Page

# From the **New Lead-Based Paint Analytical Data Page**, enter the following information:

- Sample Number
- Room Number (enter or chose from a dropdown box)
- Building Component (chosen from a dropdown box)
- Paint or Varnish Color
- Condition (chosen from a dropdown box)
- XRF Result (mg/cm2) if Applicable
- Lab Chip Result (%) if Applicable
- Select LBP/Non-LBP
- Comments
- Inspected By (chosen from a dropdown box)
- Date Inspected
- XRF Model
- XRF Serial #

Buttons:

- Choosing Save saves the current data and returns you to the Analytical Data Page
- Choosing Save and Add Again saves the current new sample and allows entry of additional analytical data
- Choosing Main Menu returns you to the previous menu

For now, click the <u>Main Menu</u> button to return to the previous page, then click on the <u>Home</u> hyperlink. This will bring back the **Home Page** (Figure 24):

## 6.0 CREATING REPORTS

	walms.doa.state.wi.us/main.asp?menuid=7&instic				9 🗗 😡 L
lome S	ystem Lists Logon			WA	LMS
ding Inspec	tion Status List				
ency	MILITARY AFFAIRS			Select Agency: MILITARY AFFAIRS	~
itution	BARABOO			Select Institution: BAPABOO	~
Iding	9007 - ARMORY - BARABOO			Select Building: ARMORY - BARAB	00 - 9007 💌
0100-04			Inspection Date: 2/7/2001 Data Entry Complete: 12/20/2002 Last Revision: 7/26/2007		
scription		Building Sun	imary - Asbestos		
Iding Inform		Building Log Firs		tion of suspect ACM to readily accessible materials. Therefore	hidden ACM
oms	and and a second s	Comment	(including but not limited to thermal system insulation) have not been identified by this survey.	ana an	
mogeneous	Materials		Click Here to See If Additional Comments Ava	itable	
Iding Comm	bent Logs	ACM Materials			
or Plans		HM Code	Description	ACM/Assumed ACM	
ding Summ		P MCTM	Ceramic Tile Mastic (assumed ACM)	Assumed ACM	
vey Dat		MED	Fire Door (assumed ACM)	Assumed ACM	
And the second second	pection Data	MFG	Ceramic Title Floor Grout (assumed ACM)	Assumed ACM	
Samples		TT107	5"-10" O.D. Fittings on Fiberglass Pipe Insulation	ACM	
alytical - As	<u>bestos</u> ad-Based Paint	TF5F	1"-5" O.D. Fittings on Fiberglass Pipe Insulation	ACM	
andard R					
	mation Report	Non-ACM Mater		N - 8000	
	nmary Report	HM Code	Description	Non-ACM	1014
Floor Plans		MCT1 MDWC	12*x12* White Ceiling Tiles w/Fissures		ACM ACM
Material Inv	entory By Room	ME12KW	Drywall and Joint Compound [12"x12" White and Black Floor Tile and Mastic		ACM
	e Data-Asbestos	ME12W	12*x12* White Floor Tile and Mastic		ACM
	Testing Inventory	MFLE	Beige Vinyl Sheet Flooring		ACM
lditional F		14/4	4" Vinyl Wallbase and Mastic		ACM
	o Suspect Materials		Plaster		ACM
oms Not Ac terial Query		$\sim$	<u></u>		
atement Co:		Floor 5	4		
	A DECEMBER OF STREET, S	Floor #	Description	Quantity	Units
		1	Fire Door (assumed ACM)	2	EA
			Mc Ceramic Tile Mastic (assumed ACM)		SF
					SF
			Olials an the Denewit I is negligible to light	12	EA
			Click on the Report Hyperlinks to link to any of these Report Queries.		EA

Figure 24—Reports Section of the WALMS Home Page

From the WALMS Home Page, the following reports and queries can be linked to:

- Building Information Report
- Building Summary Report
- Floor Plans
- Material Inventory By Room
- Bulk Sample Data Asbestos
- Lead Paint Testing Inventory
- Rooms with No Suspect Materials
- Rooms Not Accessed
- Material Query
- Abatement Cost Estimate
- ٠
  - •

All of the above reports can be printed as follows:

- View report to be printed using the procedures detailed in sections 6.1 to 6.11
- From the Tools drop down menu of your browser, select Internet Options
- Select the File tab and scroll down to Printing
- The report can be printed directly from the web site, converted to Excel (click on the button "export to Excel" in upper right), or converted to an Acrobat file if you have Acrobat WRITER. Floor plan images may need to be saved off of the web site and opened with a different program (Acrobat, Word, etc).

## 6.1 Building Information Report

Clicking on the **Building Information Report** hyperlink from the Home Page links you to the following report (Figure 25):

IMPORTANT NOTE: If you are printing this report as the FINAL document, be sure to click "DATA ENTRY COMPLETE " button. See section 4.1 Entering Building Description Information.

Building Information			Edit Building Info
DFD Project Number	99 L 5 Z	Initial Building Number	9007
Addition Number	None		
Building Address	999 S Boulevard		
City	Baraboo	County	
State	WI	Zip Code	53913
Present Use	Armory	Past Use	N/A
Contact Name	SFC Dean Muller	Contact Phone	608-356-5550
Inspectors Name	Bennett Kroma	Inspector Number	All/LII-13125
Company Name	PSI, Inc	Phone	262-970-9022
Address	W228 N727 Westmound Dr- Suite A	City	Waukesha
State	WI		
Zip Code	53186	Inspection Date	2/7/01
Approx. Construction Date	1963	Number of Floors	1
Gross Sq. Feet	17,518	Net Sq. Feet	17,518
Exterior Finish		Roof Type	
Comments			

Figure 25—Building Information Report Page

Click the browser's Back Button to return to the Home Page.

## 6.2 Building Summary Report

Clicking on the **<u>Building Summary Report</u>** hyperlink links you to the following report (Figure 26):

This is the default setting in WALMS.

	<b>Building Sum</b>	mary			
	Agency	STA	ATE FAIR PARK		
	Institution	STA	ATE FAIR PARK - WEST ALLIS		
ACM Material	Building	PUE	BLIC SAFETY		
Summary		Ins	spection Date: Not Available Last R	evision Date: Not Available	
			Vê		
$\sim$	<b>Building Sum</b>	mary - Asbestos		A	sbestos   Lead Based Paint
	Building Log		No built	ling comments entered.	
Non- ACM	ACM Materials				
Material Summary	Code	Description	Friable	ACM/Assumed ACM	
	$\sim$	1 1 1			
	Non-ACM Materi	als			
	HM Code	Description			Non-ACM
	MF12Y	12"x12" Grey Floor Tile and A	Associated Mastic		Non-ACM
	MFLN	Brown Vinyl Sheet Flooring			Non-ACM
	MV4	4" Vinyl Wallbase and Assoc	iated Mastic		Non-ACM
[ Floor ]	SP1	Plaster			Non-ACM
Summary -	1000	12			
	Floor Summary	of ACM			
	Floor #	HM Code	Description	Quantity	Units

Figure 26—Asbestos Building Summary Report Page

## 6.3 Floor Plans

Clicking on the **Floor Plans** hyperlink from the Home Page links you to the following query (Figure 28):

🗿 WALMS - Mic	rosoft Internet Exp	lorer									_ 8
<u>Eile E</u> dit ⊻ie	ew F <u>a</u> vorites <u>T</u> oo	ls <u>H</u> elp									
2000 - C		efresh Home S	🧟 🔝 Search Favorites	Mistory M	)* 🎒 ail Print	Edit	*				
Address 🙋 tate.	wi.us/walms/main.asp	?menuid=25&instid=5	&buildingid=6237	kagencyid=465&a	gencyname=M	ILITARY%20	AFFAIRS&i	instname=BAR/	ABOO&bldgname=ARI	40RY%20-%20B/	ARABOO 🔻 🔗 Go
				32 94 2							
Home S	System Lists	Logon								WAI	_MS
Agency	MILITARY AF	FAIRS		¢.				Select A	Agency: MILITAR	YAFFAIRS	
Institution	BARABOO								ect Institution: BA		-
Building		RY - BARABOO							Building: ARMOF		0 - 9007 🔳
bunung				11.012 Mar 201 - 114			and the state of	Select	Dunuing, 174 avoi	(1 0/1//00	0 3007
			Insp	ection Date: 0	2/07/2001	Last Rev	ision Da	te: 05/09/20	01		
Descriptio	n	III. Flo	oor Plans (P	rint)							
Building Inform	<u>nation</u>	Descrij	otion						Actions		
<u>Rooms</u>		First F	oor							View	
Homogeneous	<u>s Materials</u>	-									
Building Com	<u>ment Logs</u>										
Floor Plans											
Building Sum	<u>mary</u>										
Survey Da	ta										
Materials - Ins	spection Data										
Bulk Samples	1										
Analytical - A	<u>sbestos</u>										
Analytical - Le	<u>ead-Based Paint</u>										
Standard F	Reports										
I. Building Info	ormation Report										
II. Building Su	immary Report										
III. Floor Plans	<u>2</u>	Þ									
	·····	0 114									
http://www.doa	a.state.wi.us/walms/list	s.asp?/menuid=1								🌚 Int	ernet



From this page click the	View	button of the Floor Plan to be printed
--------------------------	------	--

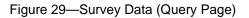
	4	-
Click the browser's	Back	Button to return to the Home Page.

To print the image, you may need to expand the original file and save the file off of the WALMS web-site and open with another program (Acrobat, Word, etc).

## 6.4 Material Inventory By Room Report

Clicking on the **Material Inventory By Room** report hyperlink from the Home Page links you to the following report query (Figure 29):

<u>Eile E</u> dit <u>V</u> ie	w F <u>a</u> vorites <u>T</u> ools <u>H</u> e	elp				
Back Forv	· · 🕑 🛄		多 🗗・ 🎒 🛃 - story Mail Print Edit			
ALC: NO.		s/main.asp?menuid=8&instid=57&build				
- 19 1						
Home S	ystem Lists Lo	aon			V	VALMS
nome I o	,	gon			Y	
Agency	MILITARY AFFAIRS	ŝ		Select Agency: MIL	ITARY AF	FAIRS
				4897 86530		15.36
Institution	BARABOO			Select Institution	Транав	00 🗾
Building	9007 - ARMORY - E	3ARABOO		Select Building: AF	RMORY-E	3ARABOO - 9007 💌
		Insp	ection Date: 2/7/01 Last Revision Date	e: 4/12/01		
D		-	,		_	
Description	000	Survey Data Report		_	Lat	
Building Inform Rooms	hation	Statewide			C	
1000 contraction of the	Materials	Agency	MILITARY AFFAIRS	*	0	
Homogeneous			Provide the second se			
Homogeneous Building Comr		Institution	BARABOO		0	
22 - STA		Institution Buildings	ARMORY - BARABOO - 9007		с е	Display Report
Building Comr Floor Plans Building Sumr	nent Logs nary		ARMORY - BARABOO - 9007		-	Display Report
Building Comr Floor Plans Building Sumr Survey Dat	nent Logs nary ta	Buildings Rooms	ARMORY - BARABOO - 9007 X		e C	Display Report
Building Comr Floor Plans Building Sumr Survey Dat Materials - Ins	nent Logs nary t <b>a</b> pection Data	Buildings Rooms Homogeneous Materials	ARMORY - BARABOO - 9007 V 100 V INC - Inaccessible Ceiling	¥	¢	Display Report
Building Comr Floor Plans Building Sumr Survey Dat Materials - Ins Bulk Samples	nent Logs nary ta pection Data	Buildings Rooms	ARMORY - BARABOO - 9007 X	×	e C	Display Report
Building Comr Floor Plans Building Sumr Survey Dat Materials - Ins Bulk Samples Analytical - As	nent Logs nary ta pection Data sbestos	Buildings Rooms Homogeneous Materials	ARMORY - BARABOO - 9007 V 100 V INC - Inaccessible Ceiling	<u> </u>	e C	Display Report
Building Comr Floor Plans Building Sumr Survey Dat Materials - Ins Bulk Samples Analytical - As Analytical - Le	nent Logs nary ta pection Data sbestos ad-Based Paint	Buildings Rooms Homogeneous Materials	ARMORY - BARABOO - 9007 V 100 V INC - Inaccessible Ceiling	<u> </u>	e C	Display Report
Building Comr Floor Plans Building Sumr Survey Dat Materials - Ins Bulk Samples Analytical - Le Standard R	nent Logs nary ta pection Data sbestos sad-Based Paint Reports	Buildings Rooms Homogeneous Materials	ARMORY - BARABOO - 9007 V 100 V INC - Inaccessible Ceiling	<u> </u>	e C	Display Report
Building Comr Floor Plans Building Sumr Survey Dat Materials - Ins Bulk Samples Analytical - Le Standard R I. Building Info	nent Logs nary ta pection Data sbestos iad-Based Paint Reports rmation Report	Buildings Rooms Homogeneous Materials	ARMORY - BARABOO - 9007 V 100 V INC - Inaccessible Ceiling	<b>.</b>	e C	Display Report
Building Comr Floor Plans Building Sumr Survey Dat Materials - Ins Bulk Samples Analytical - Le Standard R	nent Logs nary ta pection Data sbestos sad-Based Paint Reports rmation Report mmary Report	Buildings Rooms Homogeneous Materials	ARMORY - BARABOO - 9007 V 100 V INC - Inaccessible Ceiling	<b>.</b>	e C	Display Report



Select the data you want to query from the dropdown box items, then click on the

Display Report

button. The following report will be displayed (Figure 30):

<u>File</u>	dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp						
√ <del>)</del> Back	→ → · ③ ② △ ③ Forward Stop Refresh Home Search F	avorites History	Mail	Print Edit			
Address	🛍 http://www.doa.state.wi.us/walms/reports/rpt02.asp						- (
Mater	ial Inventory By Room - Asbestos					_	Home
A: MIL	TARY AFFAIRS - I: BARABOO - B: 9007 - ARMO tion Date: 2/7/01 Last Revision Date: 4/12/01	RY - BARABOC	)				A
Room	Material Desc.	Material Code	Quantity	ACM (ACM/Non-ACM/Assumed ACM)	Friable (Y/N)	Material Condition	Comment
100	5"-10" O.D. Fittings on Fiberglass Pipe Insulation	TF10F	8 EA	АСМ	Yes	Good	
101	Inaccessible Ceiling	INC	0		No	Good	
	12"x12" White Ceiling Tiles w/Fissures	MCT1	200 SF	Non-ACM	Yes	Good	
	12"x12" White Floor Tile and Mastic	MF12W	200 SF	Non-ACM	No	Good	
	4" Vinyl Wallbase and Mastic	M∨4	60 LF	Non-ACM	No	Good	
	1"-5" O.D. Fittings on Fiberglass Pipe Insulation	TF5F	1 EA	ACM	Yes	Good	
102	Inaccessible Ceiling	INC	0		No	Good	
	12"x12" White Ceiling Tiles w/Fissures	MCT1	200 SF	Non-ACM	Yes	Good	
	12"x12" White and Black Floor Tile and Mastic	MF12KW	200 SF	Non-ACM	No	Good	
	4" Vinyl Wallbase and Mastic	MV4	60 LF	Non-ACM	No	Good	
	1"-5" O.D. Fittings on Fiberglass Pipe Insulation	TF5F	2 EA	ACM	Yes	Good	
	TARY AFFAIRS - I: BARABOO - B: 9007 - ARMO tion Date: 2/7/01 Last Revision Date: 4/12/01	RY - BARABOC	)				
Room	Material Desc.	Material Code	Quantity	ACM (ACM/Non-ACM/Assumed ACM)	Friable (Y/N)	Material Condition	Comment
103	Inaccessible Ceiling	INC	0		No	Good	
	12"x12" White Ceiling Tiles w/Fissures	MCT1	200 SF	Non-ACM	Yes	Good	
	12"x12" White and Black Floor Tile and Mastic	MF12KW	200 SF	Non-ACM	No	Good	
	4" Vinyl Wallbase and Mastic	M∨4	60 LF	Non-ACM	No	Good	
104	Inaccessible Ceiling	INC	0		No	Good	
	12"x12" White Ceiling Tiles w/Fissures	MCT1	200 SF	Non-ACM	Yes	Good	

Figure 30—Material Inventory By Room Report Page

Click the Home Button to return to the Home Page.

## 6.5 Bulk Sample Data-Asbestos Report

# Clicking on the **Bulk Sample Data-Asbestos** report hyperlink from the Home Page links you to the following report (Figure 31):

Back 👻			0			
		Search	🌟 Favorites	🖉 • 嫨 🔟 • 🛄 🛍		
dress 🙆 htt	p://walms.doa.	state.wi.us/reports/rpt_bulka	sb.asp?menuid=198instid=	00&buildingid=33&agencyid=190&agencyname=STATE%20FAIR%20PA	RK&instname=STATE%20FAIR%2	0PARK%20-%20WEST%20ALLIS&bidgnam 💌 🛃 Go
Bulk Sam	ple Data -	Asbestos				Export to Excel Hom
				ARK - I: STATE FAIR PARK - WEST ALLIS - B: 0443 - AD t Available Data Entry Complete: Not Available Last I		e
Sample #	Room	Location in Room	Material Code	Material Desc.	Comments	Lab Result
D1	104	Ceiling System	MCT1	1'x1' Ceiling Tile: Rough & Pinholes and Mastic	Mastic	Non-ACM
01	104	Ceiling System	MCT1	1'x1' Ceiling Tile: Rough & Pinholes and Mastic	Tile	Non-ACM
12	104	Ceiling System	MCT1	1'x1' Ceiling Tile: Rough & Pinholes and Mastic	Mastic	Non-ACM
12	104	Ceiling System	MCT1	1'x1' Ceiling Tile: Rough & Pinholes and Mastic	Tile	Non-ACM
33	106	Ceiling System	MCT1	1'x1' Ceiling Tile: Rough & Pinholes and Mastic	Mastic	Non-ACM
03	106	Ceiling System	MCT1	1'x1' Ceiling Tile: Rough & Pinholes and Mastic	Tile	Non-ACM
04	STWL1	East Wall	MV4	4" √inly Wallbase and Mastic	Mastic	Non-ACM
34	STWL1	East Wall	M∀4	4" Vinly Wallbase and Mastic	Wallbase	Non-ACM
35	COR-2	North Wall	MV4	4" Vinly Wallbase and Mastic	Mastic	Non-ACM
)5	COR-2	North Wall	MV4	4" Vinly Wallbase and Mastic	Wallbase	Non-ACM
36	B20	West Wall	MV4	4" Vinly Wallbase and Mastic	Mastic	Non-ACM
				PARK - WEST ALLIS - B: 0443 - ADMINISTRATION BUILD y Complete: Not Available Last Revision Date: Not Ava		
Sample #	Room	Location in Room	Material Code	Material Desc.	Comments	Lab Result
36	B20	West Wall	MV4	4" Vinly Wallbase and Mastic	Wallbase	Non-ACM
37	B02	Above Ceiling	MDWC	Drywall & Joint Compound Wall System	Drywall	Non-ACM
17	B02	Above Ceiling	MDVVC	Drywall & Joint Compound Wall System	Joint Compound	Non-ACM
19	B06	North Wall	MDVVC	Drywall & Joint Compound Wall System	Drywall	Non-ACM
39	B06	North Wall	MDVVC	Drywall & Joint Compound Wall System	Joint Compound	Non-ACM
10	104	Northeast Corner	MCM	Yellow Carpet Mastic		Non-ACM
11	B19	Northwest Corner	MCM	Yellow Carpet Mastic		Non-ACM
12	B01	Northeast Corner	MCM	Yellow Carpet Mastic		Non-ACM
13	103	Ceiling System	MSCT1	2'x2' Ceiling Tile: Pinholes		Non-ACM
14	102	Ceiling System	MSCT1	2'x2' Ceiling Tile: Pinholes		Non-ACM
15	COR-1	Ceiling System	MSCT1	2'x2' Ceiling Tile: Pinholes		Non-ACM
				PARK - WEST ALLIS - B: 0443 - ADMINISTRATION BUILD y Complete: Not Available – Last Revision Date: Not Ava		
Sample #	Room	Location in Room	Material Code	Material Desc.	Comments	Lab Result
16	109	Floor	MFG	Ceramic Tile Floor Grout		Non-ACM
17	B03	Floor	MFG	Ceramic Tile Floor Grout		Non-ACM
18	B09	Floor	MFG	Ceramic Tile Floor Grout		Non-ACM
18	B09	Floor South Wall	MFG	Ceramic Tile Floor Grout		Non-ACM

Figure 31—Bulk Sample Data-Asbestos Report

Click the

Home Button to return to the Home Page.

## 6.6 Lead-Based Paint Testing Inventory Report

Clicking on the <u>Lead-Based Paint Testing Inventory</u> report hyperlink from the Home Page links you to the following report (Figure 32):

Room H140 -	Bidg. Component		9/20/2000		VIER CAMPUS - B: 0014			
H140 -		Color	0 re		ete: 12/20/2002 Last Re	- WILLIAMS CENTER evision Date: 2/25/2003		
	M/alle			Substrate	XRF Result (mg/cm2)	Lab Chip Results (%)	LBP/Non-LBP	Comments
	1 10110	white	Good	Concrete Block	0.1	NA	Non-LBP	
H140 -	Walls	PURPLE	Good	Concrete Block	0.0	NA	Non-LBP	
162A -	Walls	OLIVE	Good	Concrete Block	0.3	NA	Non-LBP	
201 -	Floors	LIGHT VARNISH	Good	Wood	(FILE)		Non-LBP	
162A -	Floors	GRAY	Good	Concrete		Lunner	Non-LBP	
201 -	Floors	PURPLE	Good	Wood	0.0	NA	Non-LBP	
STWLC -	Ceilings	WHITE	Good	Plaster		NA	Non-LBP	
STWLB -	Ceilings	WHITE	Good	Plaster			Non-LBP	
159A -	Ceilings	WHITE	Good	Plaster			Non-LBP	
H140 -				Metal	Luna			
STWLA -					10.00		Non-LBP	
Room	Bldg. Component	Color	Condition	Substrate	XRF Result (mg/cm2)	Lab Chip Results (%)	LBP/Non-LBP	Comments
104 -	Door	LIGHT VARNISH	Good	Wood	0.0	NA	Non-LBP	
EXTERIOR -	Railing	TAN	Good	Metal	2	N/A	Non-LBP	
EXTERIOR -	Railing	TAN	Good	Metal	1	N/A	Non-LBP	
EXTERIOR -	Exterior	YELLOW	Good	Concrete	.2	N/A	Non-LBP	CEMENT CAR BLOCK
						1 Carte	Hon Lon	
	162A - ] 201 - ] STWLC - ] STWLB - ] 159A - ] H140 - ] STWLA - ] Room 104 - ] EXTERIOR - ] EXTERIOR - ]	Floors           201 -         Floors           201 -         Floors           STWLC -         Ceilings           STWLB -         Ceilings           159A -         Ceilings           STWLB -         Ceilings           STWLB -         Ceilings           STWLB -         Ceilings           STWLB -         Door           STWLA -         Door           A: UNIVERSITY         Inspection Date           Room         Bldg. Component           104 -         Door           EXTERIOR -         Railing           EXTERIOR -         Railing	162A -         Floors         GRAY           201 -         Floors         PURPLE           STWLC -         Ceilings         WHITE           STWLB -         Ceilings         WHITE           159A -         Door         TAN           STWLA -         Door         GRAY           A:         UNIVERSITY OF WISCONSIN - I         Inspection Date: 9/20/2000 Date E           Room         Bidg. Component         Color           104 -         Door         LIGHT VARNISH           EXTERIOR -         Railing         TAN	Floors         GRAY         Good           201 -         Floors         PURPLE         Good           STWLC -         Ceilings         WHTE         Good           STWLB -         Ceilings         WHTE         Good           STWLA -         Door         TAN         Good           STWLA -         Door         GRAY         Good           A:         UNIVERSITY OF WISCONSIN - I: WHITEWA Inspection Date: 9/20/2000         Data Entry Comple           Room         Bldg. Component         Color         Cond           Door         LIGHT VARNISH         Good           EXTERIOR -         Railing         TAN         Good	Instruction         Floors         GRAY         Good         Concrete           201 -         Floors         PURPLE         Good         Wood           STWLC -         Ceilings         WHTE         Good         Plaster           STWLC -         Ceilings         WHTE         Good         Plaster           STWLD -         Ceilings         WHTE         Good         Plaster           STWLD -         Ceilings         WHTE         Good         Plaster           159A -         Ceilings         WHTE         Good         Plaster           STWLA -         Door         TAN         Good         Metal           STWLA -         Door         GRAY         Good         Metal           A:         UNIVERSITY OF WISCONSIN - I: WHITEWATER CAMPUS - B: Inspection Date: 9/20/2000 Data Entry Complete: 12/20/2020 L         Data Entry Complete: 12/20/202 L           Room         Bldg. Component         Color         Condition         Substrate           104 -         Door         LIGHT VARNISH         Good         Metal           EXTERIOR -         Railing         TAN         Good         Metal	I62A-         Floors         GRAY         Good         Concrete         D.0           201-         Floors         PURPLE         Good         Wood         D.0           STWLC-         Ceilings         WHTE         Good         Plaster         D.1           STWLB-         Ceilings         WHTE         Good         Plaster         D.2           159A-         Ceilings         WHTE         Good         Plaster         D.2           H40-         Door         TAN         Good         Metal         D.1           STWLA-         Door         GRAY         Good         Metal         D.0           A: UNIVERSITY OF WISCONSIN - I: WHITEWATER CAMPUS - B: 0014 - WILLIAMS CENT         Inspection Date: 3/20/2000 Data Entry Complete: 12/20/2002 Last Revision Date: 2/2/5/           Room         Bldg. Component         Color         Condition         Substrate         XRF Result (mg/cm2)           104-         Door         LIGHT VARNISH	Image: Second	IEGA-         Floors         GRAY         Good         Concrete         D.0         NA         Non-LBP           201-         Floors         PURPLE         Good         Wood         D.0         NA         Non-LBP           STWLC-         Ceilings         WHITE         Good         Plaster         D.1         NA         Non-LBP           STWLD-         Ceilings         WHITE         Good         Plaster         D.2         NA         Non-LBP           STWLB-         Ceilings         WHITE         Good         Plaster         D.2         NA         Non-LBP           159A-         Ceilings         WHITE         Good         Plaster         D.2         NA         Non-LBP           159A-         Ceilings         WHITE         Good         Metal         D.1         NA         Non-LBP           159A-         Door         TAN         Good         Metal         D.1         NA         Non-LBP           STWLA-         Door         GRAY         Good         Metal         D.0         NA         Non-LBP           STWLA-         Door         GRAY         Good         Metal         D.0         NA         Non-LBP           A: UNIVER

Figure 32—Bulk Sample Data-Lead-Based Paint

Click the Home Button to return to the Home Page.

#### 6.7 Rooms With No Suspect Materials Report

Clicking on the **Rooms With No Suspect Materials** report hyperlink from the Home Page links you to the following report query (Figure 33):

MALMS - Micros	soft Internet Explorer							
File Edit View I	Favorites Tools Help							
G Back 🔹 🕥	- 🖹 📓 🏠 🔎 Search 🤞	Favorites 🚱 🍰	🎍 🗷 • 🗔 🕯	ä				
Address 🕘 http://wa	alms.doa.state.wi.us/main.asp?menuid=98i	instid=578buildingid=6237&age	encyid=465					💌 🛃 Go 🛛 Links
Home Sys	stem Lists Logon							WALMS
Building Inspectio	on Status List							
Agency	MILITARY AFFAIRS					Select Agency: MILI	TARY AFFAIRS	~
Institution	BARABOO						Select Instituti	ion: BARABOO
Building	9007 - ARMORY - BARABOO						Select Building:	ARMORY - BARABOO - 9007 💌
		Inspection	Date: 2/7/2001 Da	ata Entry Complete:	12/20/2002 L	Last Revision: 12/20/20	002	
Description		No Suspect Materia	als					
Building Informati	ion	Statewide					0	
<u>Rooms</u>		Agency	MILITARY A	FFAIRS		~	0	
Homogeneous M Building Commer		Institution	BARABOO	~			0	Display Report
Floor Plans	ni Lugs	Buildings	ARMORY-F	BARABOO - 9007 🗸			0	
Building Summar	r <u>y Home</u>	Report Material Type	Asbestos	3414800 3887				
Survey Data		report material 13pe	Asbestos					L
Materials - Inspe	ction Data							
Bulk Samples								
Analytical - Asbe								
Analytical - Lead Standard Re								
I. Building Inform								
II. Building Sumn								
III. Floor Plans								
IV. Material Inven								
<u>V. Bulk Sample I</u>								
VI. Lead Based 1								
Additional Re								
Rooms With No Rooms Not Acce	ouspeet materials +							
Material Query								
Abatement Cost	Estimate							
۲								S Local intranet

Figure 33—Rooms With No Suspect Materials Query

To display a report listing no suspect materials, select the desired building from the

dropdown box, then click the Display Report button. The report below appears (Figure 34):

Rooms With No Suspect Materials - Asbestos	Export to Excel	Home
MILITARY AFFAIRS		
BARABOO		
9007 - ARMORY - BARABOO		
Room Number	Room Description	Floor
107		1
114A		1
VEST2		1
VEST3		1

Figure 34—Rooms With No Suspect Materials Report Click the Home Button to return to the Home Page.

#### 6.8 Rooms Not Accessed Report

Clicking the **<u>Rooms Not Accessed</u>** hyperlink from the Home Page generates the following query page (Figure 35):

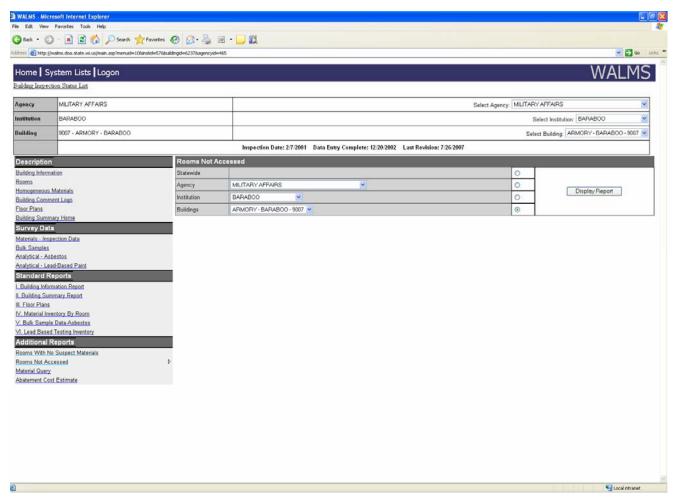


Figure 35—Rooms Not Accessed Query

To display a report listing inaccessible rooms, select the desired building from the dropdown box, then click the Display Report button. The report below appears (Figure 36):

Rooms Not Accessed			Export to Excel	Home
Room Number	Room Description	Floor		
MILITARY AFFAIRS	alle findere aller av dieler of a			
BARABOO				
9007 - ARMORY - BARABOO				
100a	Secure Storage	1		
		26 Deema Not Acces		

Figure 36—Rooms Not Accessed Report

Click the **Home** Button to return to the Home Page.

#### 6.9 Material Query Report

Clicking the **<u>Material Query</u>** hyperlink from the Home Page generates the following query (Figure 37):

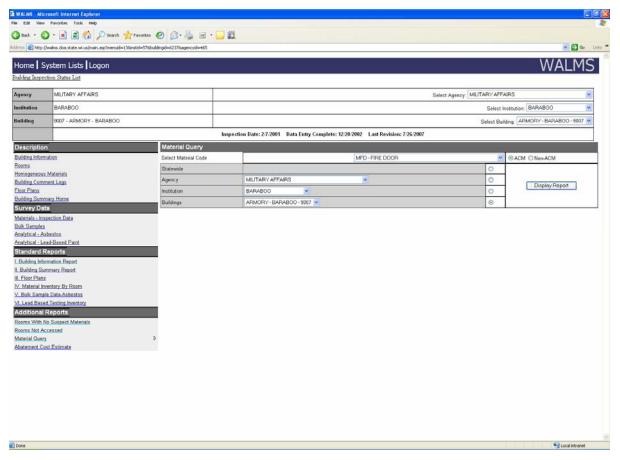


Figure 37—Material Query

To display a report listing the Material Search Report, select the desired building and

material code from the dropdown box, then click the Display Report button. The report below appears (Figure 38):

WALN	IS - Material Search					Home
Room	HM	ACM	Material Location	Quantity	Material Comments	
MILITA	ARY AFFAIRS					
BA	RABOO					
	9007 - ARMORY - BAR	RABOO				
106 -	MFD - Fire Door	Assumed ACM		1 EA		
108 -	MFD - Fire Door	Assumed ACM		1 EA		
	9007 - ARMORY - BARAE	JOO TOTAL			2 EA	
BA	RABOO TOTAL				2 EA	
MILITA	RY AFFAIRS TOTAL				2 EA	

Figure 38—Material Query Report

Click the Home Button to return to the Home Page.

#### 6.10 Abatement Cost Estimate Report

Clicking the <u>Abatement Cost Estimate</u> report hyperlink from the Home Page generates the following query (Figure 41):

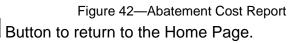
	osoft Internet Explorer			
	Favorites Tools Help			
Back - 📀	) - 💌 😰 🏠 🔎 Search 👷 Fav	rankes 🚱 🍰 🗟 · 📙 🛍		
-		ngid=62378instid=578agencyid=4658rptAgencyID=		🛩 🔁 60 U
Home Sy	stem Lists Logon			WALMS
ulding Inspect	ion Status List			
Agency	MILITARY AFFAIRS			Select Agency: MILITARY AFFAIRS
nstitution	BARABOO			Select Institution: BARABOO
Building	9007 - ARMORY - BARABOO			Select Building: ARMORY-BARABOO-9007
canang				
		Inspec	ction Date: 2/7/2001 Data Entry Complete: 12/20/2002 Last Revision: 7/26/2007	
Description		Abatement Cost Estimate		
Building Informs	ition	Statewide		0
Rooms Homogeneous /	Materiale	Agency	MILITARY AFFAIRS	0
Building Commi		Institution	ABBOTSFORD	0
Floor Plans		Buildings	ARMORY - ABBOTSFORD - 0002 V	Display Report
Building Summ		Rooms	101 👻	0
Survey Data		Homogeneous Materials	MCTM - Ceramic Tile Mastic (assumed ACM)	0
Materials - Insp	ection Data			~
Bulk Samples Analytical - Asb	and an			
Analytical - Lea				
Standard Re				
Building Inform				
Building Sum				
I. Floor Plans				
	entory By Room			
/ Bulk Sample	Data-Asbestos			
/I. Lead Based	Testing Inventory			
4. Lead Based Additional R	Testing Inventory Reports			
VI. Lead Based Additional R Rooms With No	Testing Inventory Reports Suspect Materials			
VI. Lead Based Additional R	Testing Inventory Reports Suspect Materials			

Figure 41—Abatement Cost Estimate Query

To display a report listing the Abatement Cost Estimate, select the desired building,

room, and material from the dropdown box, then click the Display Report button. The report below appears (Figure 42):

AL MA ADATEM	nent Cost Estimate	100 Date: 1		Margaret and a second second	Export to Excel	14
om	Matanial	Total Quantity	Replacement Cost Each	Removal Cost Each	Replacement Cost	Removal Cost
ENCY MILITARY						
INSTITUTION A						
ABARBE ADAMETA, M	NED ADMONY ADDITISECTU					1.5
111.5	NEM - No Euspect Materials	D.		0	0 0	
112 -	NSM - No Suspect Materials	D		0	0 0	- C.S.
113 -	NSM - No Buspect Materials	D		0	0 0	
114 -	NSM - No Suspect Materials	0	2. 5	0	0 D	
116 -	NSM - No Suspect Materials	D		0	0 0	0
110 +	NSM - No Buspect Materials	0		0	0 0	10-
110 -	NEM - No Euspect Materials	0	u	0	0 0	
119 -	NSM - No Suspect Materials	D		0	0 0	
120 -	MCTM - Ceramic Tile Mastic (assumed ACM)	400 57		2	2 800	12
120 -	MFG - Ceramic Tile Floor Grout (assumed ACM)	400 SF		0	0 0	
121 -	MCTM - Ceramic Tite Mastic (assumed ACM)	360 SF		2	2 720	
121 -	MFG - Ceramic Tile Floor Grout (assumed ACM)	260 57	20 ST 10 ST	0	0 0	
122 -	MCTM - Ceramic Tile Mastic (assumed ACM)	240 SF		2	2 480	
122 -	MEG - Ceramic Tile Floor Grout (assumed ACM)	240 57		0	0 0	
124 -	NSM - No Suspect Materials	Ø		0	0 0	
125 -	MCTM - Ceramic Tile Mastic (assumed ACM)	60 SF		2	2 120	
125 -	MEG - Ceramic Tile Floor Grout (assumed ACM)	SO SF		0	0 0	
126 -	MCTM - Ceramic Tife Mastic (assumed ACM)	120 SF		2	2 240	
126 -	MFG - Ceramic Tile Floor Grout (assumed ACM)	120 5F		0	0 0	
127 -	MCTM - Ceramic Tife Mastic (assumed ACM)	200 SF		2	2 400	
127 -	MFG - Ceramic Tile Floor Grout (assumed ACM)	200 SF		0	0 0	
120 -	MCTM - Ceramic Tife Mastic (assumed ACM)	144 SF		2	2 200	
120 -	MEG - Ceramic Tile Floor Grout (assumed ACM)	144 SF		0	0 0	
129 -	NSM - No Suspect Materials	D		0	0 0	
130 -	MCTM - Ceramic Tile Mastic (assumed ACM)	bo sr	<i>x</i>	2	2 60	
130 -	MFG - Ceramic Tile Floor Grout (assumed ACM)	30 SF		0	0 0	
131 -	NSM - No Suspect Materials	(i)		0	0 0	
COR2 -	NSM - No Suspect Materials	D D		0	0 0	
COR3 -	NSM - No Suspect Materials	D D		0	0 0	
0002 - ARMC	RY - ABBOTSFORD TOTALS				3 108	
ABBOTSFORD T	QTALS				3108	



Home

Click the

## 7.0 Exiting WALMS

To exit the WALMS system, it is only necessary to exit out of the web browser as you normally would. You can even go directly to another website, if you wish. **No logout is required.** 

## **APPENDIX A: WALMS System Lists**

A.1 Homogeneous Material Codes
A.2 Laboratories List
A.3 LBP Substrates
A.4 Personnel
A.5 Building Components
A.6 Reports

## A.1 Homogeneous Material Codes

The <u>Homogeneous Material Codes</u> (Figure 43 below) <u>can only be changed by a</u> <u>WALMS administer with ADMIN abilities.</u> Please contact the system administer at DSF to approve and add new Homogenous Material Codes.

le <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>I</u> ool	2000 - <del>100</del> 0 - 200			,		
😓 🚽 🔿 . 🧭 Back Forward Stop Re	🔹 🔓	ne Search Favorites History Mail Print	Edit	*		
dress 🛃 http://www.doa.state.wi.us						<b>_</b> (
Home System Lists	Logor	i				WALMS
System Lists	Logoi	'				VVALMO
Lists	Homo	geneous Material Codes				New Homogeneous Material Cod
Homogeneous Material Codes	Code	Description	Units	Replacement	Removal	Actions
Laboratories	CONST	UNDER CONSTRUCTION-NO SURVEY DONE	SF	0	0	Edit Delete
<u>LBP Substrates</u> Personnel	INA	INACCESSIBLE AREA/ROOM		0	0	Edit Delete
<u>Fersonner</u> Building Components	INC	INACCESSIBLE CEILING		0	0	Edit Delete
Setup	INO	OTHER		0	0	Edit Delete
Reports	INP	INACCESSIBLE PIPECHASE		0	0	Edit Delete
	MAF	BUILT UP ACCOUSTICAL FLOORING		0	O	Edit Delete
	MAP	ACCOUSTICAL PANEL	SF	0	O	Edit Delete
	MBI	BLOWN IN INSULATION	SF	0	0	Edit Delete
	MBL	Blanket		0	0	Edit Delete
	мсв	Chalkboards		0	0	Edit Delete
	мсм	CARPET MASTIC	SF	0	0	Edit Delete
	МСТ	CEILING TILE	SF	0	0	Edit Delete
	MCTM	CERAMIC TILE MASTIC	SF	0	0	Edit Delete
	MDJC	DUCT JOINT CLOTH	SF	0	0	Edit Delete
	MDP	EXTERIOR DUCT INSULATION PATCH	SF	0	0	Edit Delete
	1	<u>r</u>	1.	I. S		I internet

Figure 43—System List: Homogeneous Material Codes

L

#### A.2 Laboratories List

When you click on the **Laboratories** link on the **System List** Page, the following appears (Figure 45):

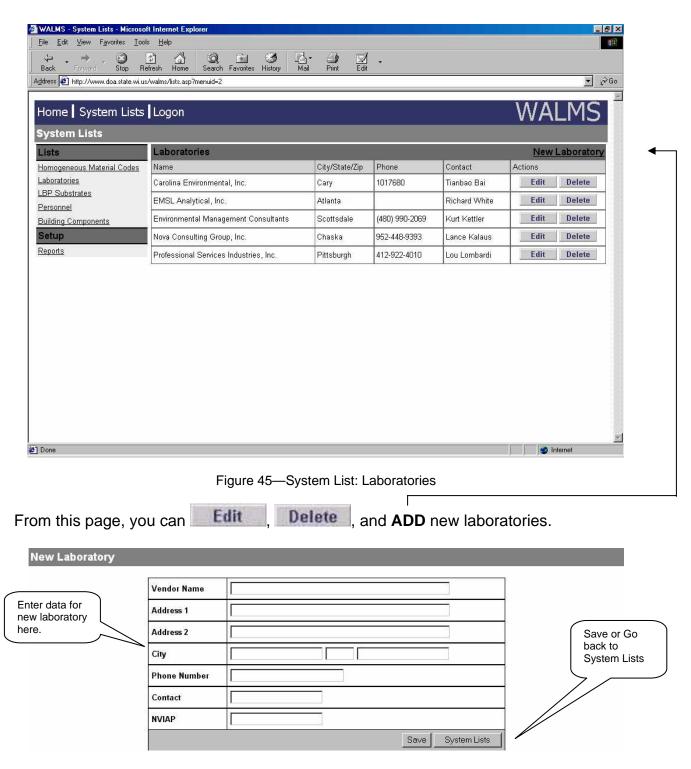


Figure 46—System List: Add Laboratory

#### A.3 LBP Substrates

When you click on the **LBP Substrates** link on the **System List** Page, the following appears (Figure 47):

Back Forward Stop R	Lefresh Home Search Favorites History Mail Print Edit	
ddress 🛃 http://www.doa.state.wi.u	is/walms/lists.asp?menuid=3	نې وې وه
Home System Lists	Logon	WALMS
System Lists	Lead Based Paint Substrates	Niau Subatrata
L <b>ists</b> Homogeneous Material Codes	Description	Actions
Laboratories	Brick	Edit Delete
<u>LBP Substrates</u>	Concrete	Edit Delete
<u>Personnel</u> Building Components	Concrete Block	Edit Delete
Setup	Drywall	Edit Delete
Reports	Metal	Edit Delete
	Plaster	Edit Delete
	Wood	Edit Delete
	<u>.</u>	
		Internet
	Figure 47—System List: LBP Subs	Internet
		Internet
rom this page, y lew Substrate		strates



#### A.4 Personnel

When you click on the **Personnel** link on the **System List** Page, the following appears (Figure 49):

Back Forward Stop R	efresh Home Sear	l 🔝 🧭 🛃 - 🎒 E ch Favorites History Mail Print E	⊿ - dit				
Address 🙋 http://www.doa.state.wi.u	s/walms/lists.asp?menuid=	4					<b>▼</b> ∂Go
Home System Lists	Logon					V	VALMS
System Lists							
Lists	Personnel	Comment	010	Plate	Phone	Incorporation	New Person Actions
Homogeneous Material Codes Laboratories LBP Substrates	Name Budde, Andy	Company PSI, Inc.	City Waukesha	WI	262-970-9022	Inspector	Edit
Personnel Building Components	Bushman, John	Environmental Management Consulting, Inc.	Lake Mills	WI	920-648-6343	~	Edit Delete
Setup Reports	Harenda, Kert	Harenda Enterprises, Inc.	Waukesha	wi	(262) 547- 2287	~	Edit Delete
	Harenda II, Kenneth	Harenda Enterprises, Inc.	Waukesha	WI	(262) 547- 2287	×	Edit Delete
	Horan, Richard	Harenda Enterprises, Inc.	Waukesha	WI	(262) 547- 2287	~	Edit
	Jozwiakowski, Jim	Environmental Management Consulting, Inc.	Lake Mills	WI	920-648-6343		Edit Delete
	Jungen, Brett	Environmental Management Consulting, Inc.	Lake Mills	WI	920-648-6343	×	Edit Delete
	Kroma, Bennett	PSI, Inc.	Waukesha	WI	262-970-9022	×.	Edit Delete
	larcan Mika	PSI Inc	Wankacha	M	262-970-9022	1	Edit
]							🧐 Internet
		gure 49—System List: P				sonn	el (see below)
m this page, yo		, , ,					
m this page, you							
m this page, you	First Nan		9		1		
	First Nan	ie					
New Person	e e e e e e e e e e e e e e e e e e e	ie					
New Person	First Nan Last Nan Company	ie					
New Person	First Nan Last Nan Company Address	ie					
New Person	First Nan Last Nan Company Address	ie					
New Person	First Nan Last Nan Company Address City	ie					Save or
New Person	First Nan Last Nan Company Address City Phone N	Image: set of the set of th					cancel new
New Person	First Nan Last Nan Company Address Address City Phone Nu User Nun	ie IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII					
New Person	First Nan Last Nan Company Address Address City Phone Nu Asbestos	Image: set of the set of th					cancel new

Figure 50—System List: Add Person

## A.5 Building Components

# When you click on the **<u>Building Components</u>** link on the **System List** Page, the following appears (Figure 51):

1	s <u>H</u> elp	1	
	3) 슈 (Q) 교 생 문····· 49 로 stresh Home Search Favorites History Mail Print Edi	×	
dress 🛃 http://www.doa.state.wi.us	/walms/lists.asp?menuid=5		ج <u>-</u>
lome System Lists	Logon		WALMS
ystem Lists	In and the second s		
ists	Building Components	1	New Building Component
lomogeneous Material Codes aboratories	Building Component Description	Actions	Delete
<u>BP Substrates</u>	Ceilings	-	
ersonnel	Door	Edit	Delete
Building Components	Door - Frame	Edit	Delete
Setup	Doors - Exterior	Edit	Delete
Reports	Exterior	Edit	Delete
	Floors	Edit	Delete
	Radiator/Register	Edit	Delete
	Railing	Edit	Delete
	Trim	Edit	Delete
	Walls	Edit	Delete
	Walls - Exterior	Edit	Delete
	Windows.	Edit	Delete
	Windows - Exterior	Edit	Delete
Done			👩 Internet
010			
	Figure 51System List: Buildi	na Componente	
	Figure 51—System List: Buildi	ng Components	
	Figure 51—System List: Buildi	ng Components	
	F 11. 5 1		ding components
rom this page, y	F 11. 5 1		ding components.
	F 11. 5 1		ding components.
rom this page, y	ou can Edit , Delete , a		ding components.
	ou can Edit , Delete , a		ding components.
rom this page, y	ou can Edit , Delete , a		ding components.
rom this page, y	ou can Edit , Delete , a	nd <b>ADD</b> new buil	
rom this page, ye ew Building Compor	ou can Edit , Delete , a	nd <b>ADD</b> new buil	ding components.
rom this page, ye ew Building Compor	ou can <u>Edit</u> , <u>Delete</u> , a nent Building Component	nd <b>ADD</b> new buil	
rom this page, ye ew Building Compor	ou can Edit , Delete , a	nd <b>ADD</b> new buil	

#### A.6 Reports

Although you will not typically need to change or customize the Reports, it is possible to change the number of rows between column headings. When you click on the **<u>Reports</u>** link on the **<u>System List</u>** Page, the following appears (Figure 53):

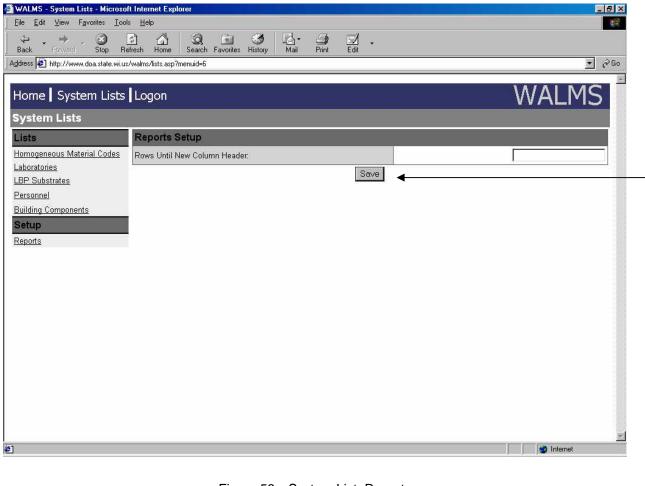


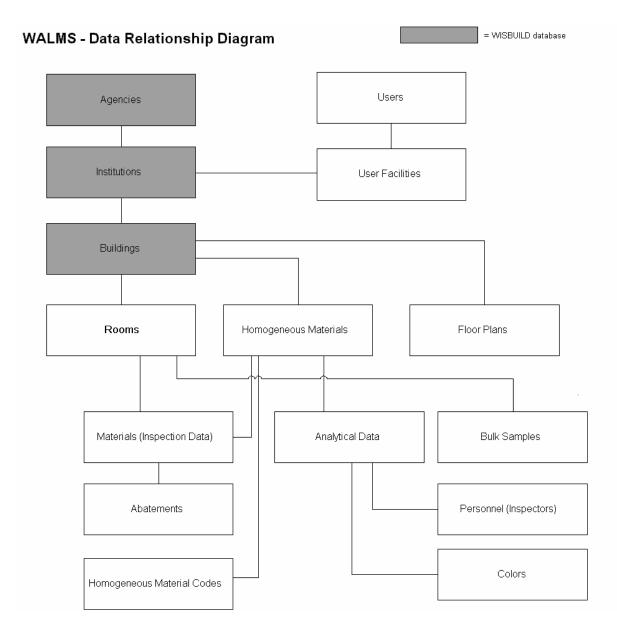
Figure 53—System List: Reports

From this page, you can customize and Save the number of rows between column headers for printing reports.

## APPENDIX B: WALMS Programming Diagrams

B.1 WALMS – Data Relationship DiagramB.2 WALMS – Process Diagram

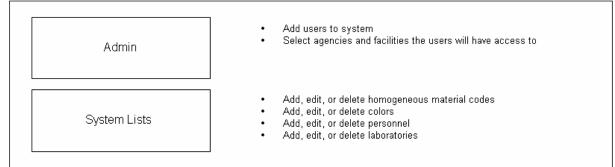
## B.1 WALMS – Data Relationship Diagram:



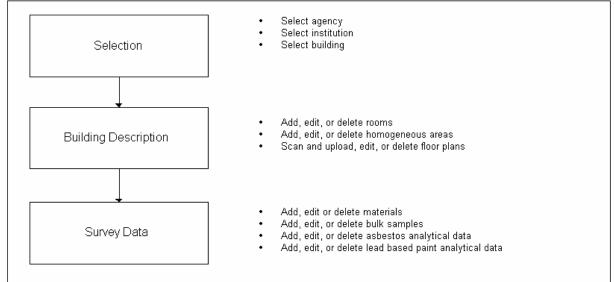
#### B.2 WALMS – Process Diagram:

#### WALMS - Process Diagram

#### System Setup



#### Data Entry



#### Reporting

