

ADAM Environmental Information Management System

Today's Challenge

Managing environmental information for a multiple buildings and complying with various EPA and OSHA regulations requiring organizations to maintain records and communicate the locations of asbestos, lead-based paint and hazardous materials to building employees, contractors and tenants presents significant challenges. More recently, the risks associated with mold and poor indoor air quality (IAQ) have created their own set of new challenges for building owners and managers.

The Solution

We created the ADAM Environmental Information Management System to help building owners and managers quickly and easily manage all of their environmental records and information. ADAM provides a safe place for building owners and managers and health and safety professionals to store environmental reports and documents. It also enables them to create a searchable database of asbestos and lead-based paint locations and record abatement project information so the locations of these materials remain current and up-to-date.

To help organizations meet their notification and employee hazard communication requirements, ADAM generates asbestos and lead paint notifications automatically. For schools, ADAM can help a district satisfy all of their AHERA recordkeeping requirements.

For indoor air quality (IAQ) management, ADAM provides reminders for periodic inspections and equipment servicing to prevent IAQ and mold problems. It also enables users to record tenant complaints and their actions taken to protect the building owner from claims.

ADAM operates in single user mode or can be configured for multi-user client-server operation. ADAM is available for both PC and MAC operating systems. The ADAM Web Companion enables organizations to provide view only access throughout their organization so everyone who needs it has access to this information.

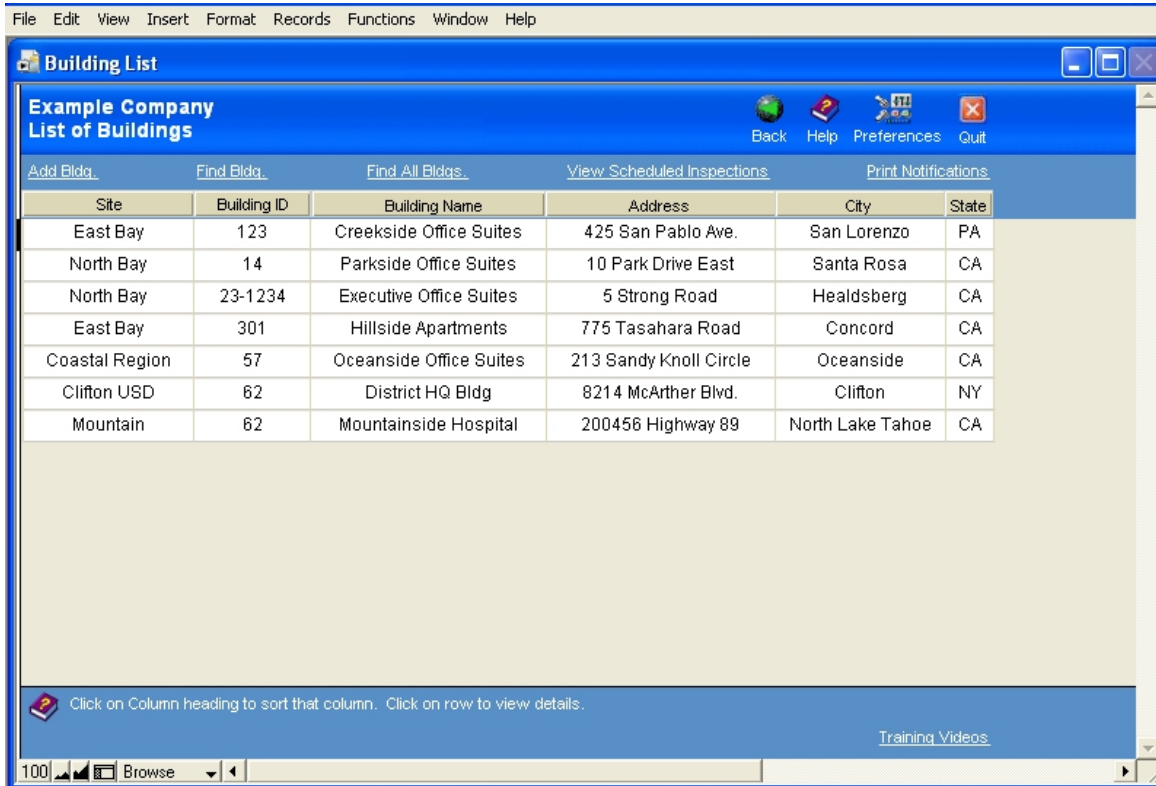
ADAM is designed for use by:

Property Management Firms
Real Estate Developers
Large Corporations
Real Estate Investment Trusts
Apartment Building Owners
Department of Defense Facilities

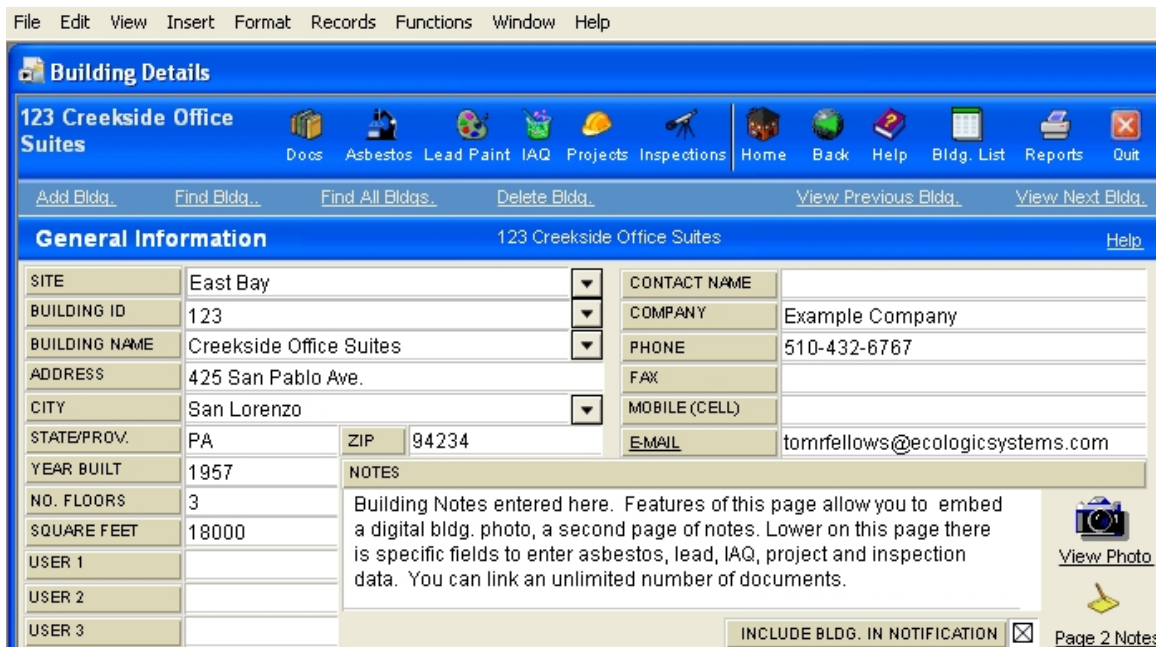
School Districts
Colleges and Universities
Hospitals and Hotels
State & Local Governmental Agencies
Manufacturing Facilities
Commercial Office Building Owners

How It Works

When you start the system you are presented with a list of buildings that have been entered into the system.



Once a building is selected, general building information is provided.



Asbestos Inventory Management

The system provides easy access to the location, quantity and asbestos content of tested suspect materials and stores records of abatement activities.

Asbestos							
		Add Asbestos Material	123 Creekside Office Suites			Go to Top of Page	Help
View/Print Asbestos Notification		View/Print Asbestos Material List			Asbestos Materials recorded By Material		
DETAILS	HM #	MATERIAL	DESCRIPTION (COLOR/SIZE, ETC.)	CONTAINS ASBESTOS	FLOOR	LOCATION(S)	PHOTO
	1	Pipe Insulation - Water	1"-4" Heating Hot Water	YES	1	Throughout First Floor	View
	2	Pipe Insulation	4" Pool Heating System	YES	Base ment	Pool Equipment room and piping trench	View
	3	Ceiling Tile	24" x 24" Lay-In Acoustic	NO		throughout all offices	View
	4	Floor Tile	12" x 12" Grey with Black streaks	ALL ABATED	BASE	Throughout Building (was under carpet too)	View
	5	Adhesive	White	YES	1	Behind vinyl wall base	Link

Click on the file to view more details for each material.

Bldg. 123, Creekside Office Suites		Asbestos Material Details	
Find Material Add Material Delete Material List		Abatement History Previous Material Next Material	
General Information		Bldg: 123, Creekside Office Suites	
Record 1 of 7		Help	
HM #	1	FRIABILITY	Friable
MATERIAL TYPE	Pipe Insulation - Water	EPA CATEGORY	Friable
DESCRIPTION	1"-4" Heating Hot Water	ASSESSMENT	Potential for Damage/No Damage
View Photo		HAZARD RANK	
ASBESTOS PRESENT	YES	REC. RESPONSE	No response Required
OVERALL RESULT	10% CH	NOTES	
QUANTITY	127		
UNITS	Linear Feet		
Material Location(s)		Help	
FLOOR(S)	LOCATION(S)		
1	Throughout First Floor		

Lead-based Inventory Management

The system stores XRF, paint chip, dust wipe, and soil sample results and provides easy access the location, quantity, condition, and lead content of tested paints and building coatings.

Lead Paint										
		Add Lead Paint Sample		123 Creekside Office Suites				Go to Top of Page Help		
Import Lead Samples			View/Print LBP Notification				View/Print LBP Material List			
DETAILS										
FLR.	LOCATION	STRUCTURE	FEATURE	COLOR	TYPE	LEAD CONTENT	UNITS			
	1	kitchen	Window	Sill	Green	XRF	0.1	mg/cm2		
	1	kitchen	window	sill	green	XRF	.005	mg/cm2		
	1	Lobby	Bookcase	Shelf	White	XRF	0.2	mg/cm2		
	1	stairwell	Stair	Tread	Gray	XRF	1.5	mg/cm2		
	2	Hallway	Access Panel		Cream	BULK	20	ppm		
	2	Hallway	Ceiling		white	XRF	0.00	mg/cm2		
	2	Hallway	Wall		white	XRF	0.00	mg/cm2		
	3	roof	air handling	exterior panel	green	XRF	2.0	mg/cm2		
	ext	playground	Play Structure		red	BULK	400	ppm		

Click on the file to view more details on a paint.

Lead Paint Details

ADAM BLDG_ID	DKG254	Sample Date	8/4/2005
Building_ID	123	Sample Type	XRF
Bldg. Name	Creekside Office Suites	Sample ID	
Floor	1	Inspector	
Location	kitchen	L shell	
Side		K shell	
Structure	Window	Bulk/Combined	0.1
Feature	Sill	Comments	
Substrate	Wood	Photo or Doc.	
Color	Green		
Condition		<input type="button" value="Add"/>	

PREVIOUS SAMPLE
ADD NEW SAMPLE
CLOSE THIS WINDOW
NEXT SAMPLE

100 Browse

Abatement Project Recordkeeping

For asbestos and lead-based paint abatement projects, ADAM stores all records and information including: materials removed, project costs, waste manifest records and sample results. When the project is completed, the system automatically updates the remaining material locations.

123, Creekside Office Suites
Project EP-101, Asbestos Example Project

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 Quit

[Find Project](#) [Building Details](#)

General Information [Help](#)

PROJECT ID	EP-101	SCOPE OF WORK
PROJECT NAME	Asbestos Example Project	Remove the floor tile and pipe insulation from room 1.
PROJECT TYPE	Asbestos <input type="button" value="v"/>	NOTES
START DATE	7/21/2005 <input type="button" value="G"/>	
END DATE	7/25/2005 <input type="button" value="G"/>	
CONTRACTOR	Charlie Contractor <input type="button" value="v"/>	
CONSULTANT	Connie Consultant <input type="button" value="v"/>	
LANDFILL	Larry's Landfill <input type="button" value="v"/>	
LOC. OF DOCUMENT.	Main Doc. Storage Room	
USER 1	<input type="button" value="v"/>	
USER 2	<input type="button" value="v"/>	
USER 3	<input type="button" value="v"/>	
EPA ID #	EPA-123455676	
AQMD PERMIT #	CAAQMD - 456	
MANIFEST NO.	M-02345678	

Asbestos Materials included in Project [Go to Top of Page](#) [Help](#)

HM #	MATERIAL	DESCRIPTION	QTY.	UNITS	LOCATION
1	Pipe Insulation - Water <input type="button" value="v"/>	1"-4" Heating Hot Water	10	FEET	ROOM 1
4	Floor Tile <input type="button" value="v"/>	12" x 12" Grey with Black	200	SQ.FT.	ROOM 1
	<input type="button" value="v"/>				

Indoor Air Quality Management

The system stores sample results for all types of IAQ samples, including mold, fungus, VOC's and dust to document safe conditions. In addition, users can log and track tenant complaints and response actions to document corrective actions that were taken.

IAQ								123 Creekside Office Suites		Go to Top of Page Help	
DETAILS	DATE		RECORD TYPE	REGARDING	FLR.	LOCATION		STATUS			
	7/20/05		Observation	Odor	1	stairwell					
	8/25/05		Complaint	Odor	b	crawlspace	Action Needed				
	8/4/05		Complaint	Hot Call	2	David's Office	Action Needed				
	8/5/05		Sample	Hot Call	2	David's Office	Completed				

The system maintains records of all IAQ samples that are collected. Lab results are easily entered and each constituent type is automatically added based upon the sampling protocol.

IAQ Details

Date	7/20/2005		Recorded By	
time			Note	Jessie complained of a very sour odor in the stairwell. She says it has been getting stronger every day and is now overpowering.
Record Type	Observation		<div style="text-align: center;"> <p>Link Document</p> </div>	
Regarding	Odor			
Floor	1			
Location	stairwell			
Status				
follow_up_required	<input checked="" type="radio"/> Yes <input type="radio"/> No			
follow_up_date				
resolution				
Sampling Done				
PREVIOUS EVENT ADD NEW EVENT CLOSE THIS WINDOW NEXT EVENT				

100 Browse

Report and Notification Preparation

ADAM prepares a wide variety of reports. Simply select the building, go to the reports menu and select the reports or notification you want the system to provide.

ADAM can create building specific asbestos and lead notifications that are compliant with OSHA, AHERA and state laws. These notifications are required to be provided to tenants, contractors and building employees so that they do not inadvertently disturb asbestos and lead containing materials.

	All to Yes	All to No
Building General Page	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Asbestos Material Summary	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Asbestos Material Details	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Asbestos Materials Photo Report	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Asbestos Materials Location Details (By Space)	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Lead Samples	<input type="radio"/> Yes	<input checked="" type="radio"/> No
IAQ Events	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Project Summary List	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Project Details	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Inspections	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Associated Documents List	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Asbestos Material Notification List	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Lead Notification List	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Buttons: Cancel, Preview, Print

To learn more visit the EcoLogic Systems web site at www.ecologicsystems.com or call 1-800-223-0609.