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.

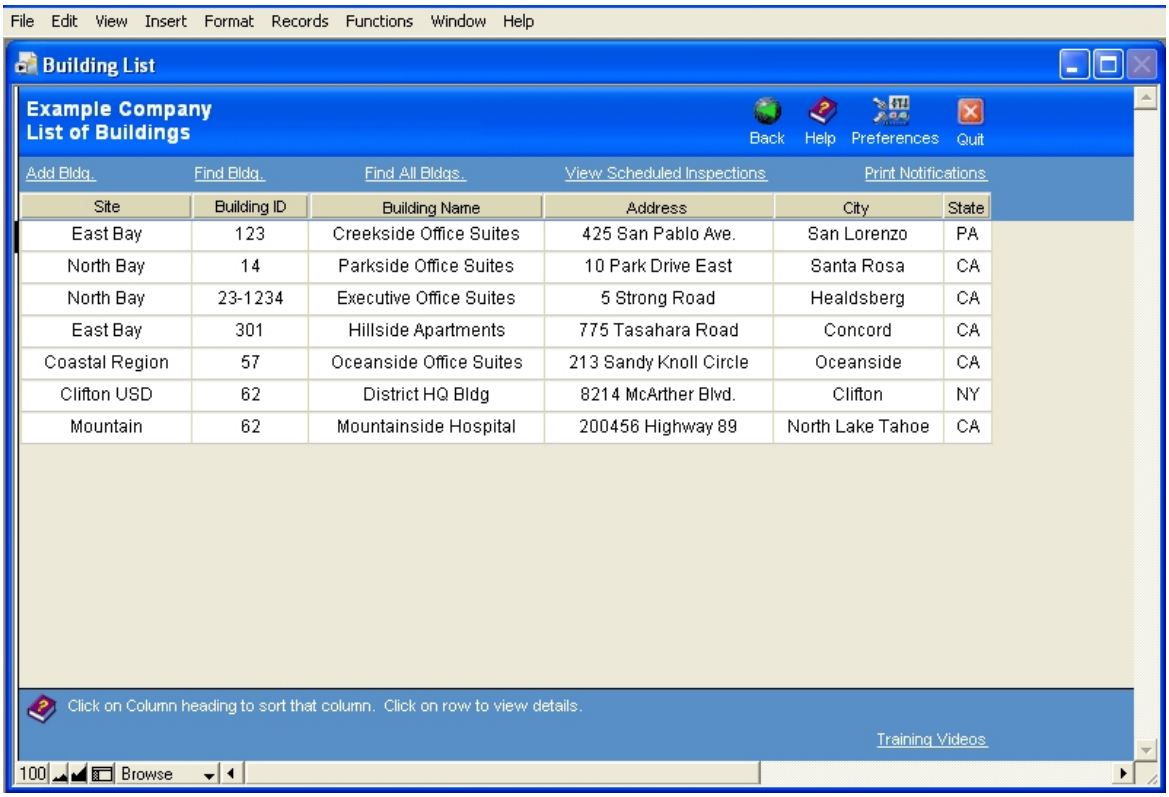
ADAM operates in single user mode or can be configured for multi-user client-server operation. ADAM is available for both PC and MAC operating systems. The ADAM Web Companion enables organizations to provide view only access throughout their organization so everyone who needs it has access to this information.

ADAM is designed for use by:

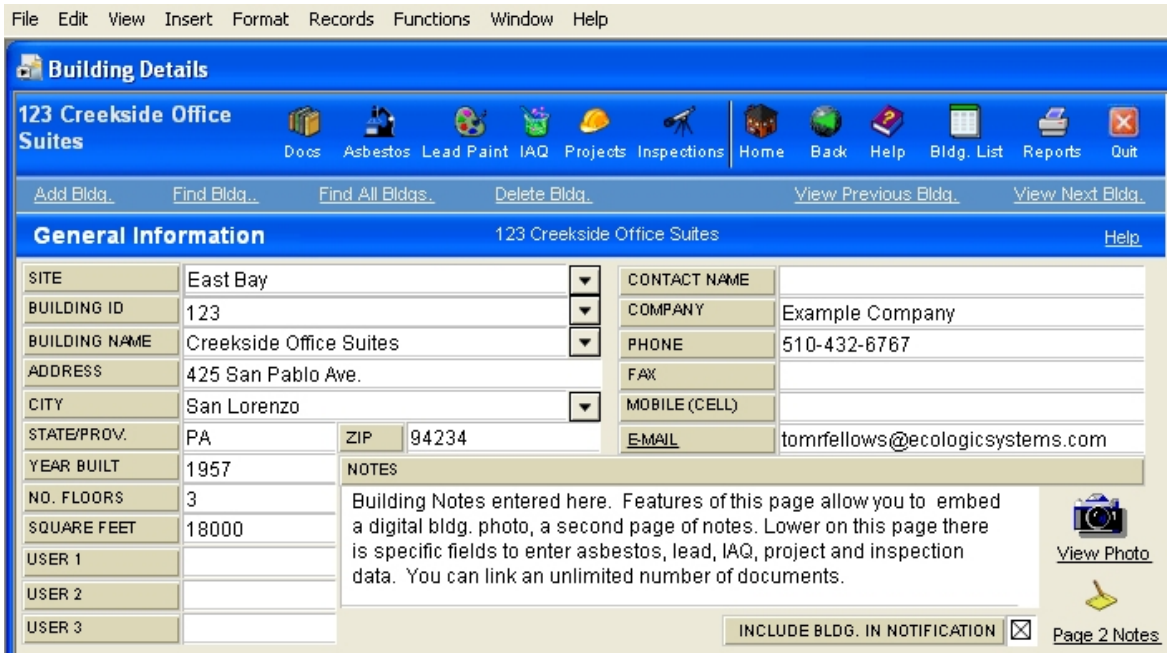
Property Management Firms
Real Estate Developers
Large Corporations
Real Estate Investment Trusts
Apartment Building Owners
Department of Defense Facilities
School Districts
Colleges and Universities
Hospitals and Hotels
State & Local Governmental Agencies
Manufacturing Facilities
Commercial Office Building Owners

How It Works

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

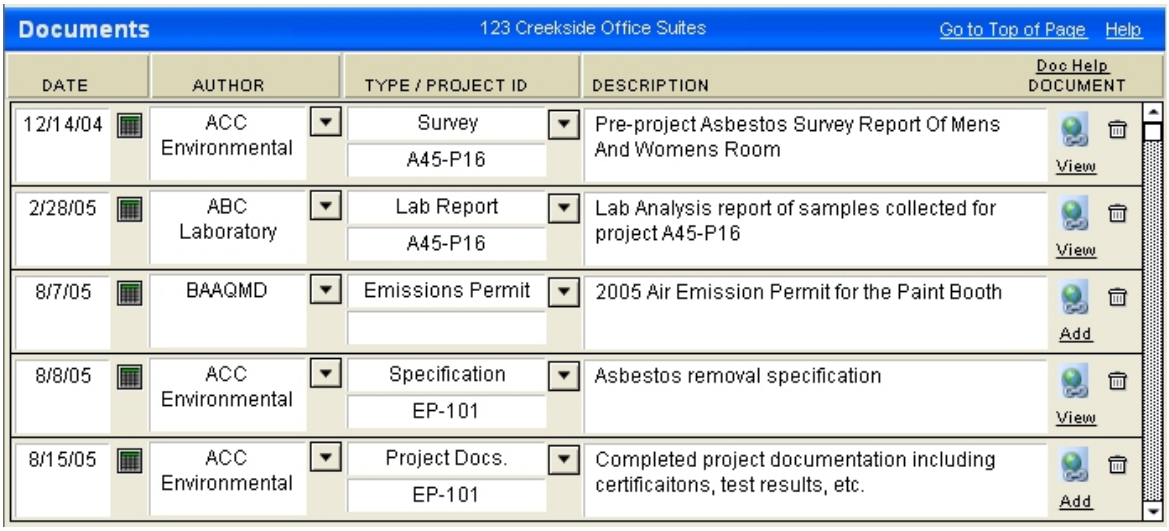


Once a building is selected, general building information is provided.



Document and Report Management

The building detail information is followed by a list of documents that are associated with the building. ADAM enables users to store any type of electronic document including Word and Excel documents, scanned documents and AutoCAD drawings. Simply click on the View link to view the document.

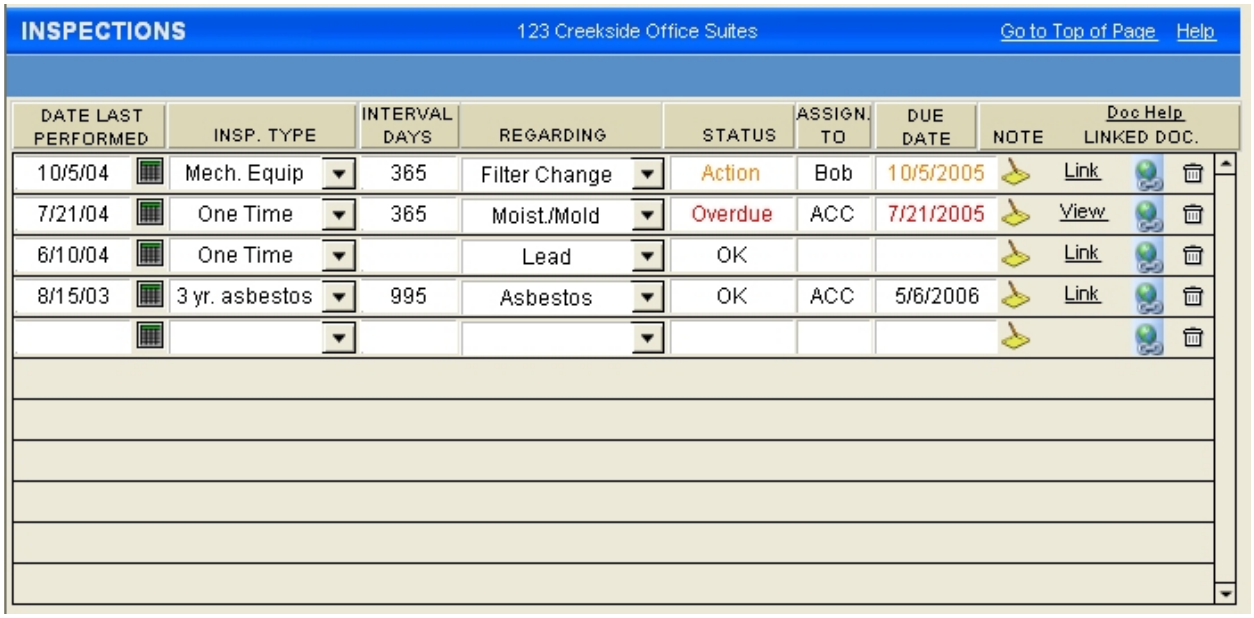


Documents — 123 Creekside Office Suites — Go to Top of Page — Help

DATE	AUTHOR	TYPE / PROJECT ID	DESCRIPTION	Doc Help DOCUMENT
12/14/04	ACC Environmental	Survey A45-P16	Pre-project Asbestos Survey Report Of Mens And Womens Room	View
2/28/05	ABC Laboratory	Lab Report A45-P16	Lab Analysis report of samples collected for project A45-P16	View
8/7/05	BAAQMD	Emissions Permit	2005 Air Emission Permit for the Paint Booth	Add
8/8/05	ACC Environmental	Specification EP-101	Asbestos removal specification	View
8/15/05	ACC Environmental	Project Docs. EP-101	Completed project documentation including certificaitons, test results, etc.	Add

Inspection Management

ADAM enables users to track and record building inspection activities and are automatically alerted when inspections that are required on a periodic basis are needed or past due.

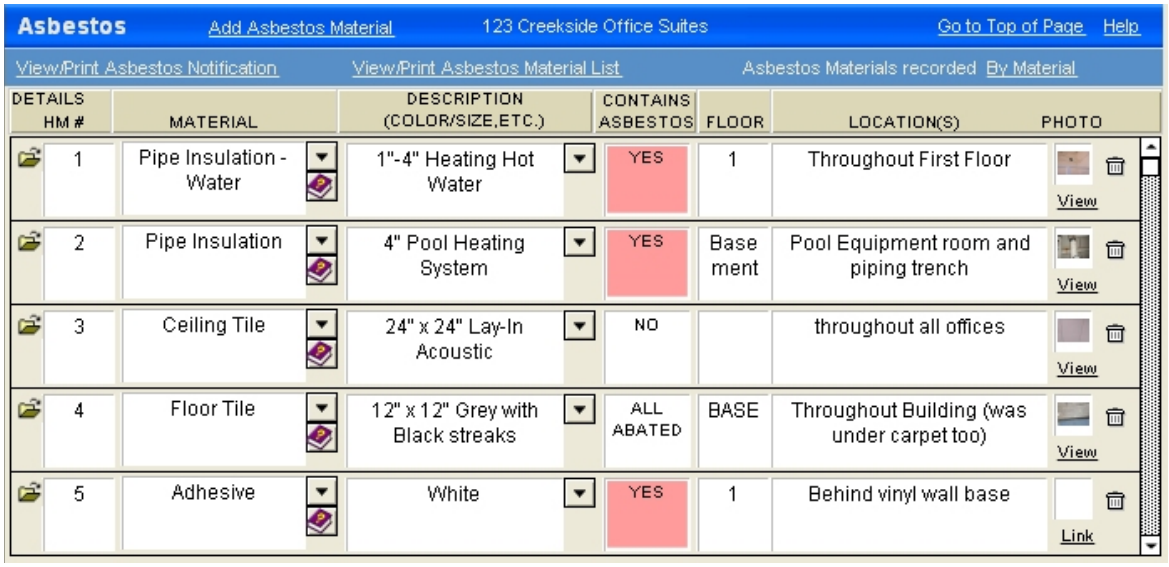


INSPECTIONS — 123 Creekside Office Suites — Go to Top of Page — Help

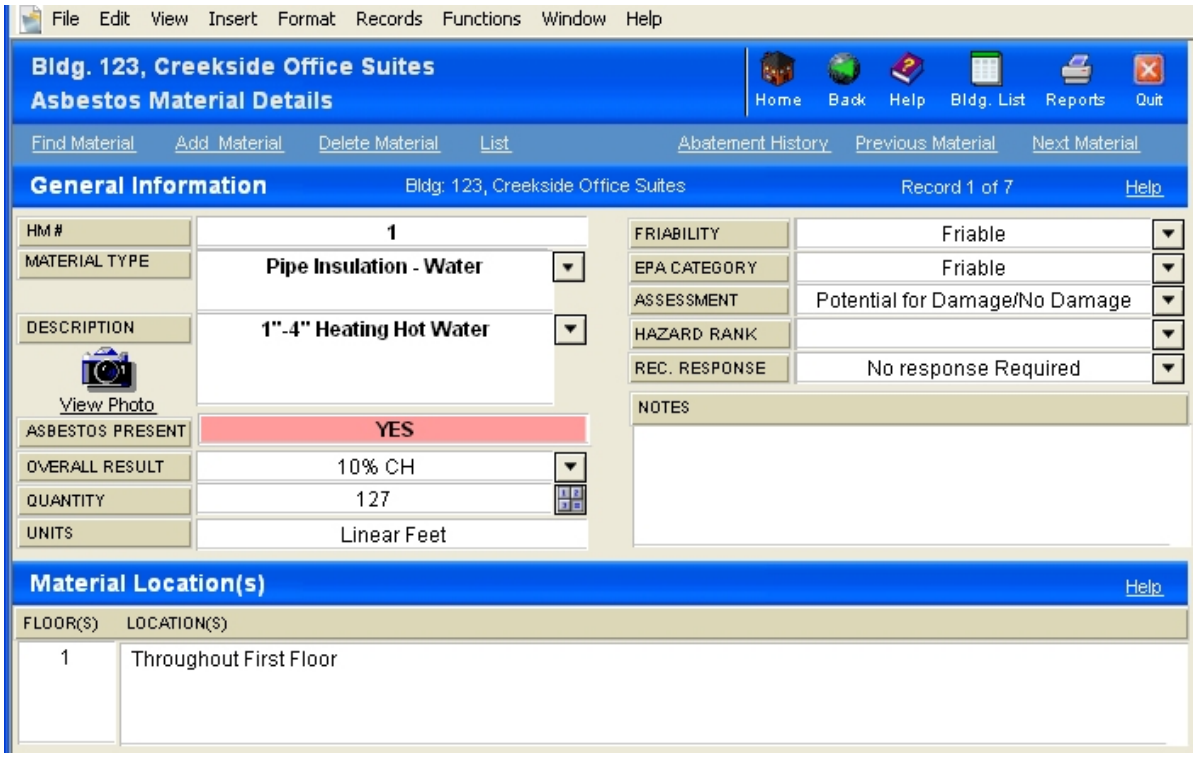
DATE LAST PERFORMED	INSP. TYPE	INTERVAL DAYS	REGARDING	STATUS	ASSIGN. TO	DUE DATE	NOTE	Doc Help LINKED DOC.
10/5/04	Mech. Equip	365	Filter Change	Action	Bob	10/5/2005		Link
7/21/04	One Time	365	Moist./Mold	Overdue	ACC	7/21/2005		View
6/10/04	One Time		Lead	OK				Link
8/15/03	3 yr. asbestos	995	Asbestos	OK	ACC	5/6/2006		Link

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.

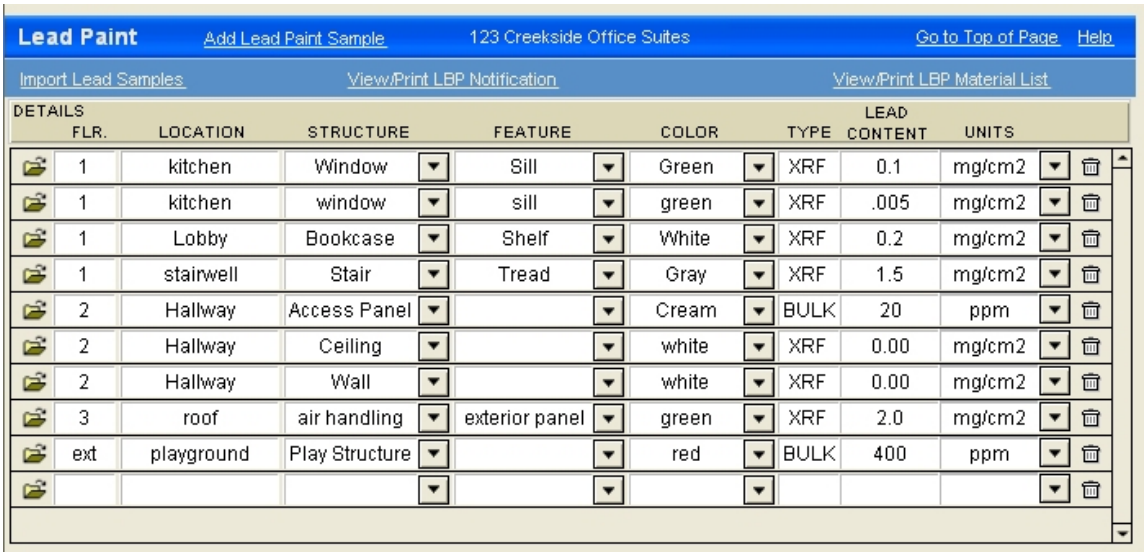


Click on the file to view more details for each material.



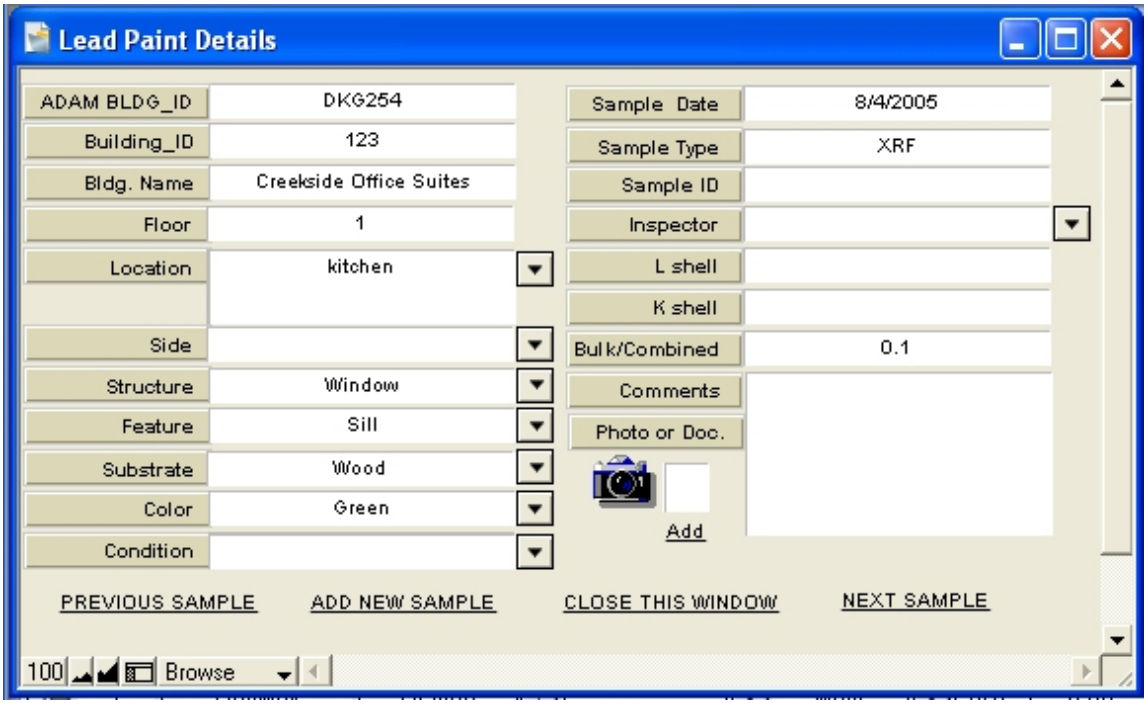
Lead-based Inventory Management

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.



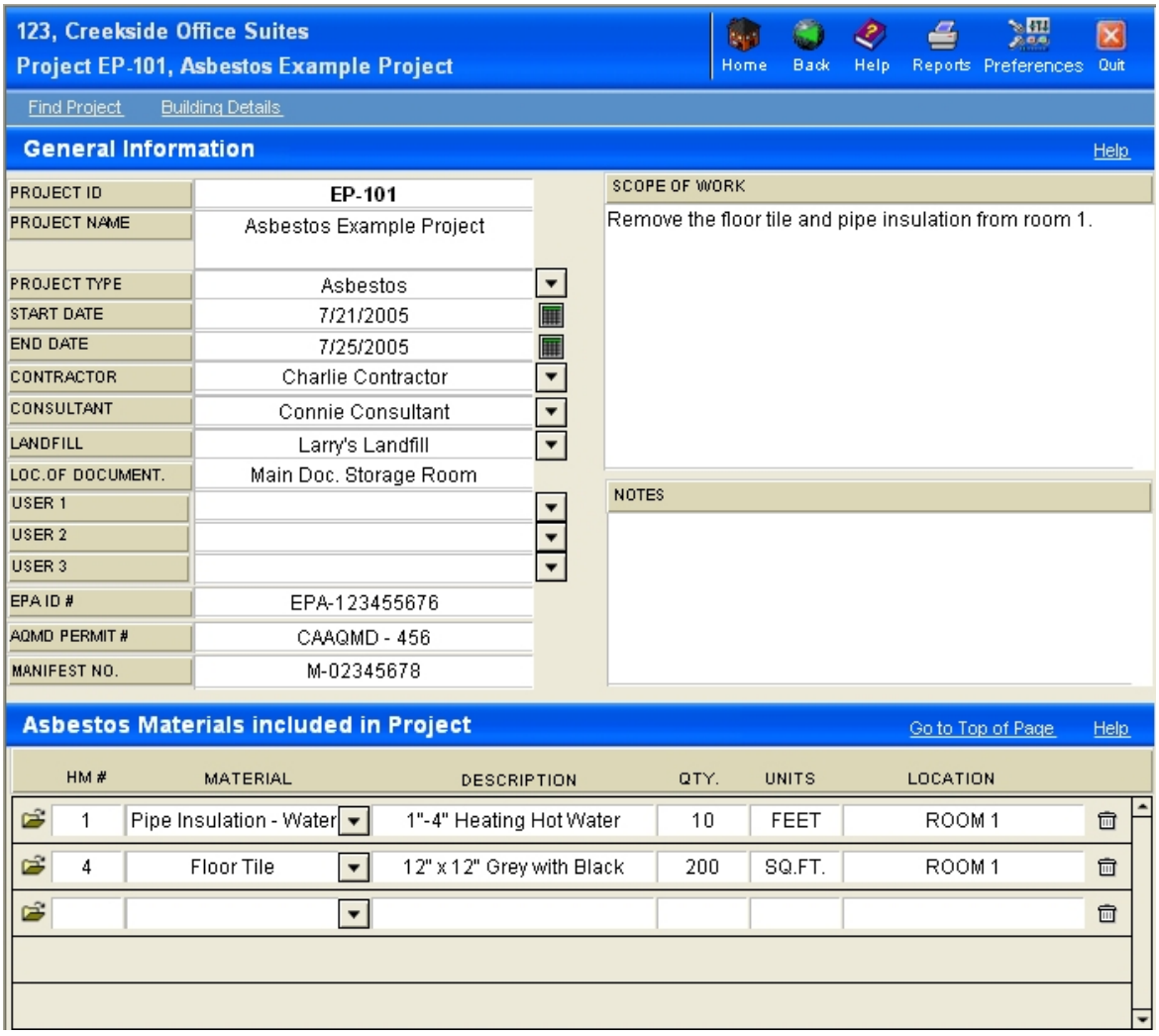
DETAILS	FLR.	LOCATION	STRUCTURE	FEATURE	COLOR	TYPE	LEAD CONTENT	UNITS
	1	kitchen	Window	Sill	Green	XRF	0.1	mg/cm2
	1	kitchen	window	sill	green	XRF	.005	mg/cm2
	1	Lobby	Bookcase	Shelf	White	XRF	0.2	mg/cm2
	1	stairwell	Stair	Tread	Gray	XRF	1.5	mg/cm2
	2	Hallway	Access Panel		Cream	BULK	20	ppm
	2	Hallway	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.



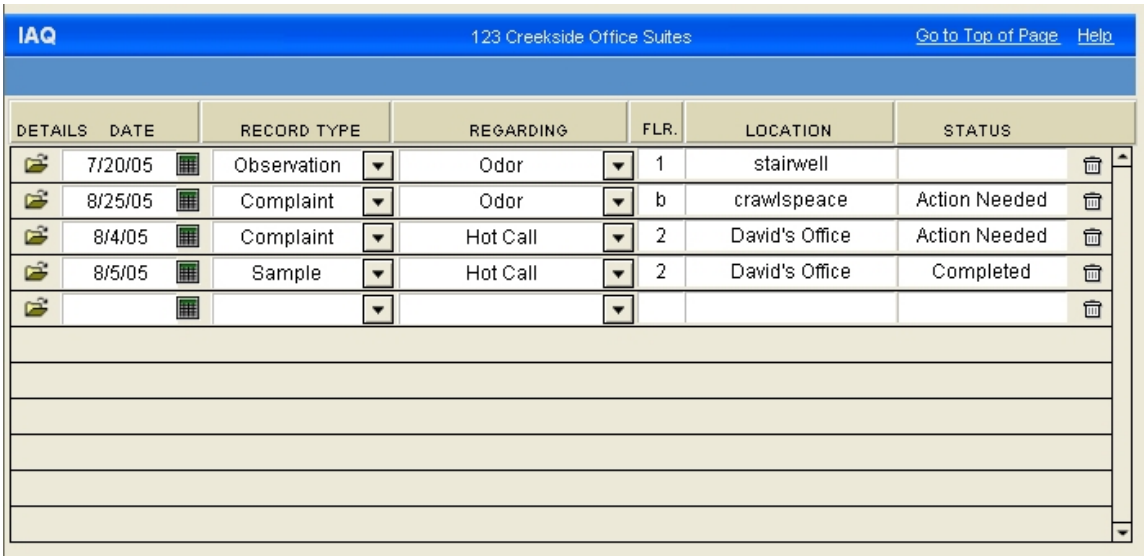
Abatement Project Recordkeeping

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.

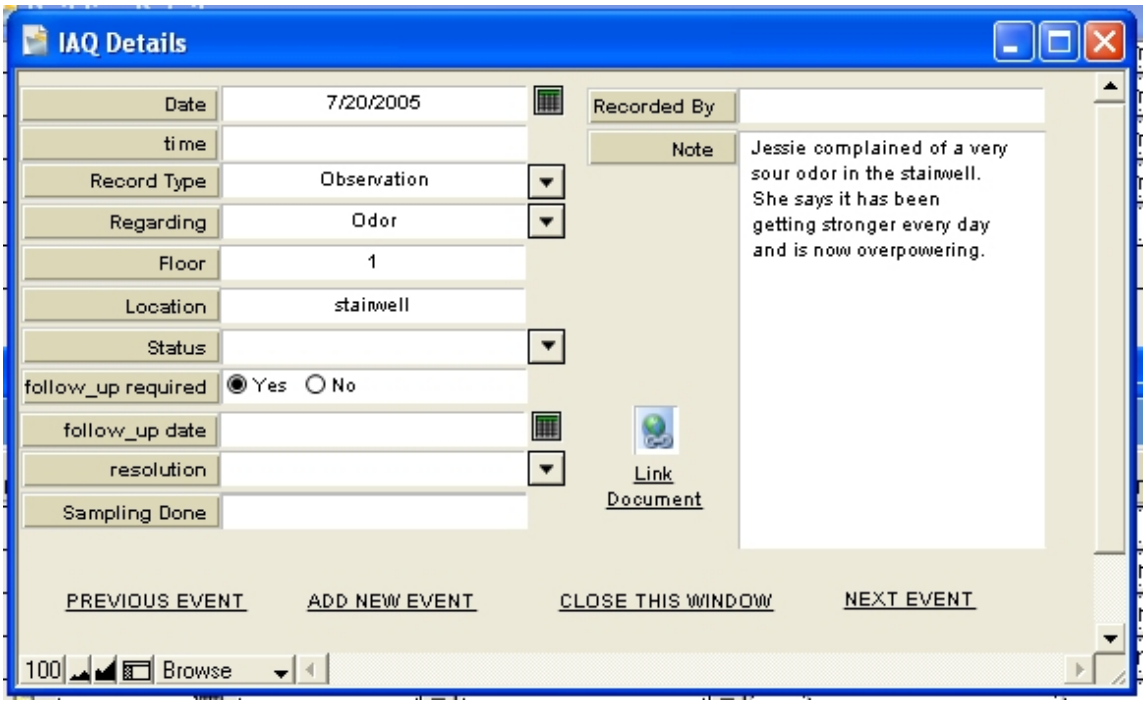


Indoor Air Quality Management

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.



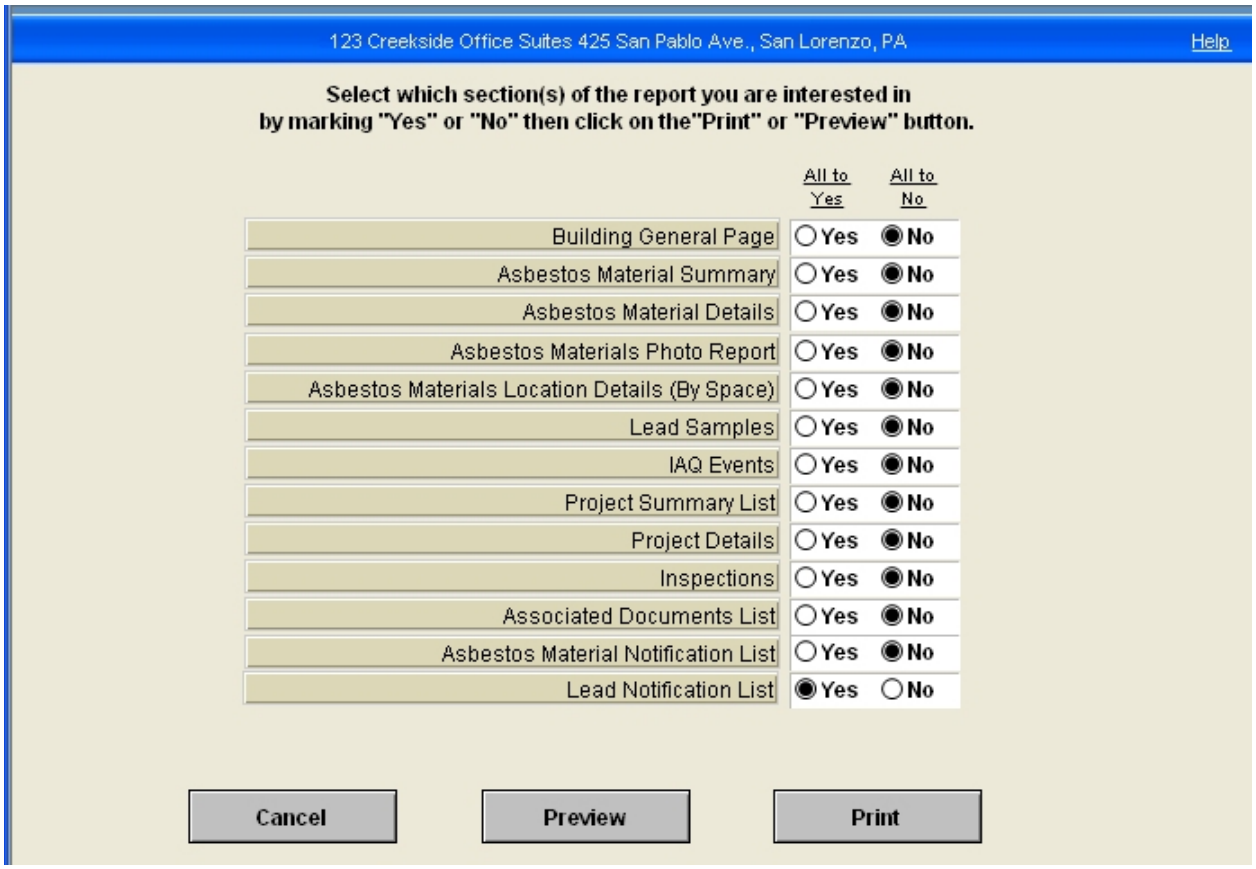
The system maintains records of all IAQ samples that are collected. Lab results are easily entered and each constituent type is automatically added based upon the sampling protocol.



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.



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