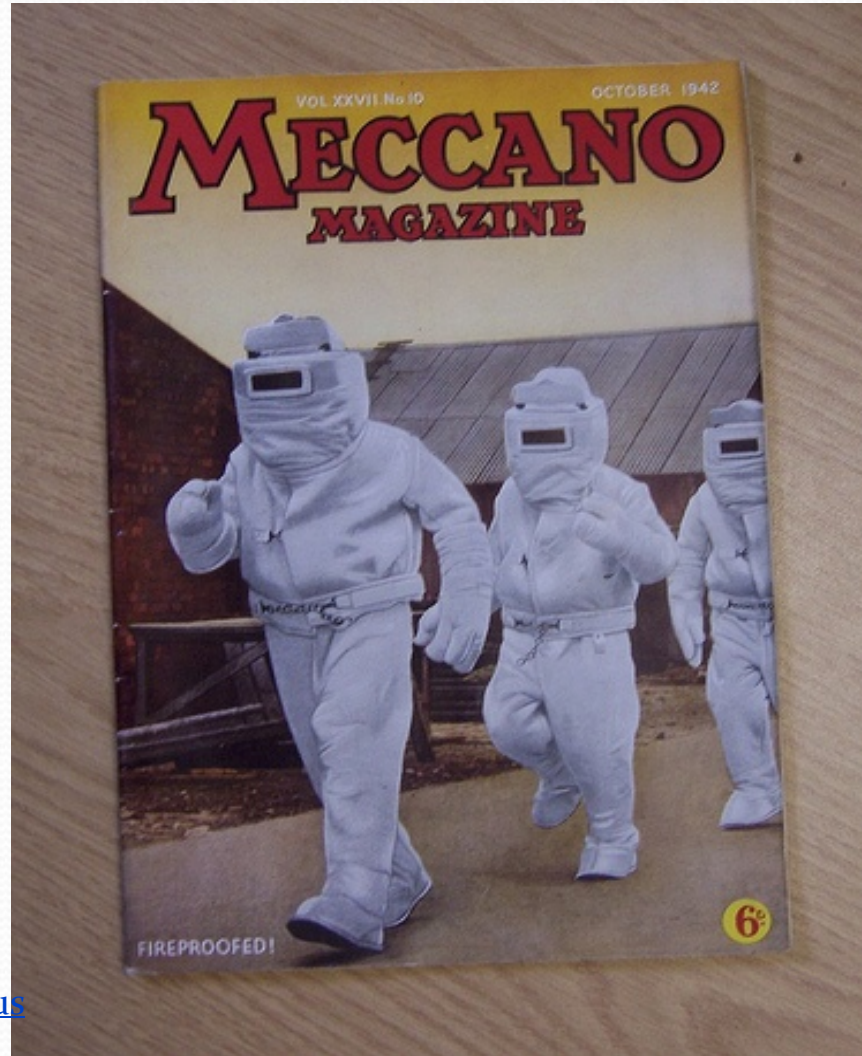


US EPA ARCHIVE DOCUMENT

# Asbestos Regulations in Florida



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# What's asbestos anyway?

- Mineral Fiber
- Tiny
- Stays in the air a long time
- Can be breathed into lungs



- Can stay there, causing scarring and cancer  
asbestosis, mesothelioma, lung cancer, pleural disease

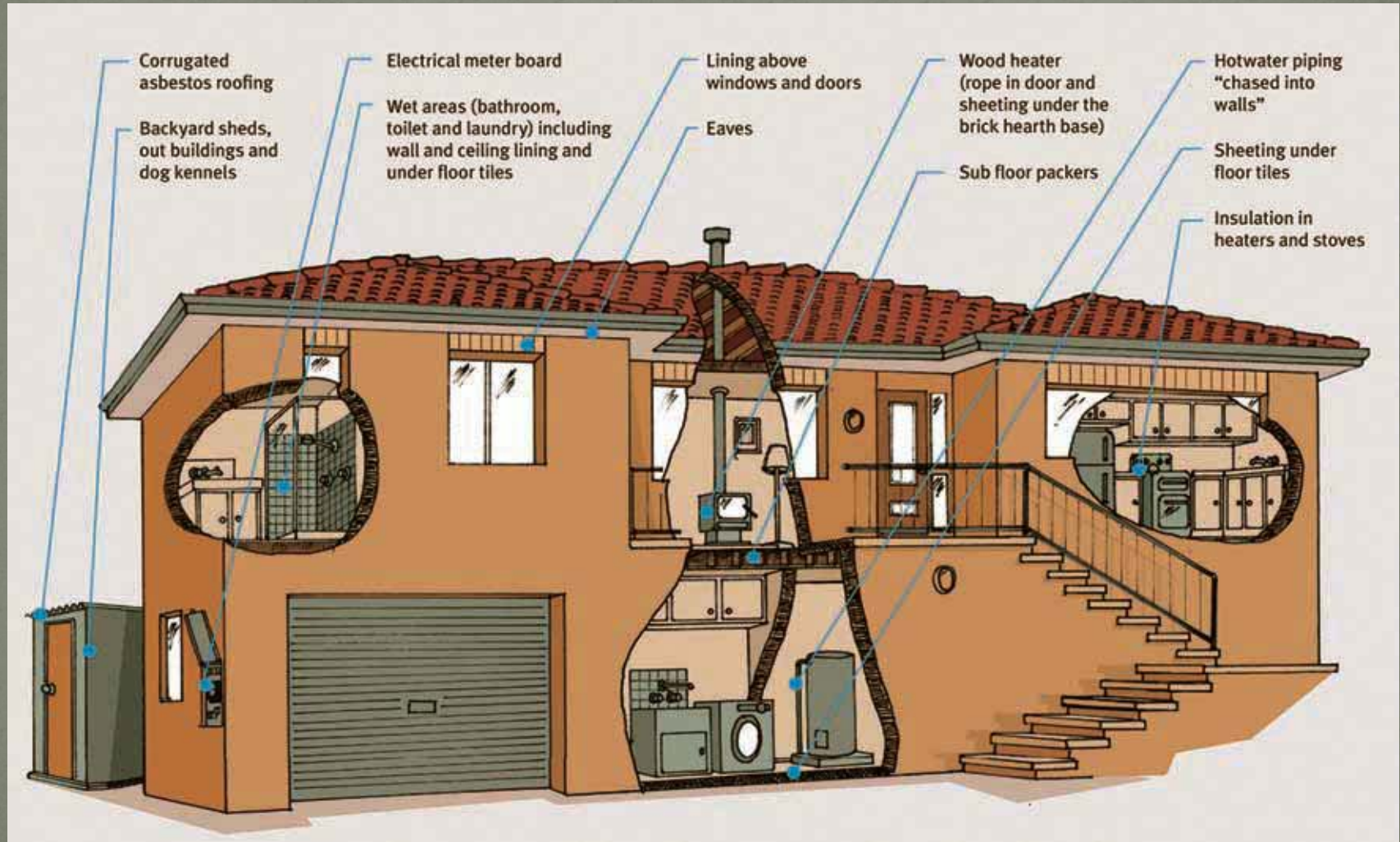
# What's asbestos anyway?

- Great thermal and sound deadening properties
- One of the first hazardous air pollutants regulated
- Used in construction industry for many years
- **THERE'S NO BAN in UNITED STATES!**

# I thought there was a ban?

- There was in 1989, but it was challenged in court
- In Oct 1991 the ban was upheld ONLY for...
  - Flooring felt and 'new uses' after Aug 1990
  - Commercial paper, corrugated paper, rollboard, specialty paper after Aug 1996
  - Certain Spray applied decorative uses
  - Nothing else is banned...

# Where can I find asbestos?



# Where can I find it?

In an estimated 3600 materials

Cement Pipes	Vinyl Wall Coverings	Breeching
HVAC Duct Insulation	Spackling Compounds	Insulation
Asphalt Floor Tile	Cement Wallboard	Vinyl Sheet Flooring
Ductwork Flexible Fabric	Boiler Insulation	Connections
Cooling Towers	Vinyl Floor Tile	Construction
Heating and Electrical Ducts	Flooring Backing	Mastics (floor tile, Pipe Insulation
Decorative Plaster	Acoustical Plaster	[corrugated carpet, ceiling tile, etc.] air
Textured Paints/Coatings	Electrical Panel Partitions	cell, block, etc.)
Chalkboards	Ceiling Tiles and Lay-in	Electrical Cloth
Taping Compounds (thermal)	Panels	Electrical Wiring
Base Flashing	Spray-Applied Insulation	Insulation
High Temperature Gaskets	Roofing Shingles	Blow-in Insulation
Laboratory Hoods/Table Tops	Roofing Felt	Fireproofing
Wallboard	Fire Doors	materials
Fire Curtains	Caulking/Putties	Adhesives
Elevator Brake Shoes	Laboratory Gloves	Fire Blankets
Cement Siding	Joint Compounds	
	Elevator Equipment Panels	

# Can you tell just by looking?

- NO!!!
- The only way you can tell for sure if a material contains asbestos is by collection of samples and microscopic inspection
- It's called a 'thorough inspection'



# Rules

- 40 CFR61 Subpart M
  - EPA
  - The asbestos NESHAP -The National Emission Standard for Hazardous Air Pollutants for asbestos
- 62-204.800 Florida Admin Code (FAC)
  - adopts the NESHAP in whole
- 62-257 FAC
  - establishes fees
- 396.60 Florida Statutes (FS)
  - authority for the rule
- 469 FS
  - Department of Business and Professional Regulation

# 40 CFR 61 requires...

- Thorough inspection first!
- Summary of suspect material and sample analysis
- Notification to DEP for
  - Renovations with regulated material greater than the threshold
  - All demolitions, regardless of the presence of ACM
- Appropriate handling during removal
- Proper disposal
- Waste shipment records

# 62-257 FAC requires

- Payment of a fee based on amount of material
  - Fee is in the rule
- Filling out a standard notification form
  - 62-257.900
- Form can be found at  
<http://www.dep.state.fl.us/Air/emission/asbestos.htm>



**Florida Department of  
Environmental Protection**  
Division of Air Resource Management

DEP Form 62-257,900(1)  
Effective 10-12-99  
Page 1 of 2

**NOTICE OF DEMOLITION OR ASBESTOS RENOVATION**

**TYPE OF NOTICE (CHECK ONE ONLY):**     ORIGINAL     REVISED     CANCELLATION     COURTESY  
**TYPE OF PROJECT (CHECK ONE ONLY):**     DEMOLITION     RENOVATION  
**IF DEMOLITION, IS IT AN ORDERED DEMOLITION?**     YES     NO  
**IF RENOVATION:**  
**IS IT AN EMERGENCY RENOVATION OPERATION?**     YES     NO  
**IS IT A PLANNED RENOVATION OPERATION?**     YES     NO

**I. Facility Name** \_\_\_\_\_

**Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_ **County** \_\_\_\_\_

**Site** \_\_\_\_\_ **Consultant Inspecting Site** \_\_\_\_\_

**Building Size** \_\_\_\_\_ (Square Feet)    **# of Floors** \_\_\_\_\_    **Building Age in Years** \_\_\_\_\_

**Prior Use:**     School/College/University     Residence     Small Business     Other \_\_\_\_\_

**Present Use:**     School/College/University     Residence     Small Business     Other \_\_\_\_\_

**II. Facility Owner** \_\_\_\_\_ **Phone** (\_\_\_\_) \_\_\_\_\_

**Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

**III. Contractor's Name** \_\_\_\_\_ **Phone** (\_\_\_\_) \_\_\_\_\_

**Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

**Is the contractor exempt from licensure under section 469.002(4), F.S.?**     YES     NO

**IV. Scheduled Dates:** (Notice must be postmarked 10 working days before the project start date)

**Asbestos Removal (mm/dd/yy) Start:** \_\_\_\_\_ **Finish:** \_\_\_\_\_ **Demo/Renov. (mm/dd/yy) Start:** \_\_\_\_\_ **Finish:** \_\_\_\_\_

**V. Description of planned demolition or renovation work to be performed and methods to be employed, including demolition or renovation techniques to be used and description of affected facility components.** \_\_\_\_\_

**Procedures to be Used (Check All That Apply):**

<input type="checkbox"/> Strip and Removal	<input type="checkbox"/> Glove Bag	<input type="checkbox"/> Bulldozer	<input type="checkbox"/> Wrecking Ball
<input type="checkbox"/> Wet Method	<input type="checkbox"/> Dry Method	<input type="checkbox"/> Explode	<input type="checkbox"/> Burn Down
OTHER: _____			

**VI. Procedures for Unexpected RACM:** \_\_\_\_\_

**VII. Asbestos Waste Transporter:** Name \_\_\_\_\_ **Phone** (\_\_\_\_) \_\_\_\_\_

**Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

**VIII. Waste Disposal Site:** Name \_\_\_\_\_ **Class** \_\_\_\_\_

**Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

**IX. RACM or ACM:** Procedure, including analytical methods, employed to detect the presence of RACM and Category I and II nonfriable ACM. \_\_\_\_\_

**Amount of RACM or ACM\***

\_\_\_\_\_ square feet surfacing material

\_\_\_\_\_ linear feet pipe

\_\_\_\_\_ cubic feet of RACM off facility components

\_\_\_\_\_ square feet cementitious material

\_\_\_\_\_ square feet resilient flooring

\_\_\_\_\_ square feet asphalt roofing

**X. Fee Invoice Will Be Sent to Address in Block Below: (Print or Type)**


\*Identify and describe surfacing material and other materials as applicable: \_\_\_\_\_

I certify that the above information is correct and that an individual trained in the provisions of this regulation (40 CFR Part 61, Subpart M) will be on-site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours.

(Print Name of Owner/Operator) \_\_\_\_\_ (Date) \_\_\_\_\_

(Signature of Owner/Operator) \_\_\_\_\_ (Date) \_\_\_\_\_

DEP USE ONLY    Postmark/Date Received    ID#

# Chapter 469 F.S. Requires...

- Licensure of consultants performing asbestos surveys, management plans, abatement designs, etc.
- Licensure of contractors performing abatement work
  - Can't use inmates to do the work
- Certification of training providers

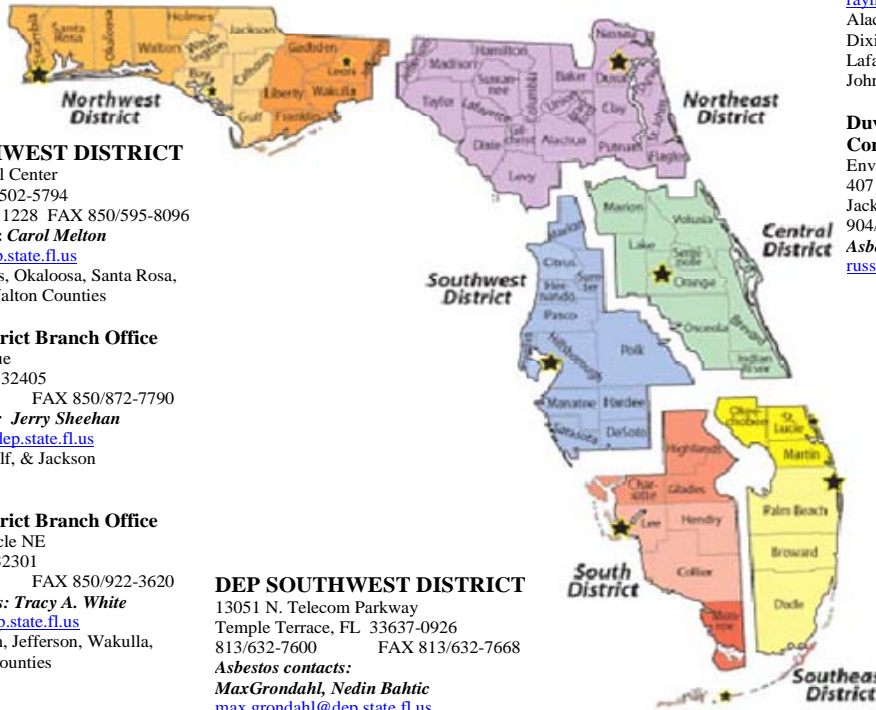
# So what do we need to do?

- Plan renovation or demolition
- Get a thorough inspection, or if you've got one already, *use it!*
- File notification at least 10 working days ahead of the start of the project
- Submit inspection report w/notification wherever possible
- Submit to correct office

<http://www.dep.state.fl.us/air/emission/asbestos/asbestosmap.pdf>

# FLORIDA Asbestos NESHAPS Contacts

Revised September 2, 2009



## DEP NORTHWEST DISTRICT

160 Governmental Center  
Pensacola, FL 32502-5794  
850/595-8364 ext 1228 FAX 850/595-8096  
**Asbestos Contact: Carol Melton**  
[carol.melton@dep.state.fl.us](mailto:carol.melton@dep.state.fl.us)  
Escambia, Holmes, Okaloosa, Santa Rosa,  
Washington, & Walton Counties

### Northwest District Branch Office

2353 Jenks Avenue  
Panama City, FL 32405  
850/872-4375 FAX 850/872-7790  
**Asbestos Contact: Jerry Sheehan**  
[gerald.sheehan@dep.state.fl.us](mailto:gerald.sheehan@dep.state.fl.us)  
Bay, Calhoun, Gulf, & Jackson  
Counties

### Northwest District Branch Office

630-3 Capital Circle NE  
Tallahassee, FL 32301  
850/488-3704 FAX 850/922-3620  
**Asbestos Contacts: Tracy A. White**  
[tracy.a.white@dep.state.fl.us](mailto:tracy.a.white@dep.state.fl.us)  
Franklin, Gadsden, Jefferson, Wakulla,  
Liberty & Leon Counties

## DEP SOUTHWEST DISTRICT

13051 N. Telecom Parkway  
Temple Terrace, FL 33637-0926  
813/632-7600 FAX 813/632-7668  
**Asbestos contacts:**  
**Max Grondahl, Nedin Bahtic**  
[max.grondahl@dep.state.fl.us](mailto:max.grondahl@dep.state.fl.us)  
[nedin.bahtic@dep.state.fl.us](mailto:nedin.bahtic@dep.state.fl.us)  
Citrus, Desoto, Hardee, Hernando, Manatee,  
Marion, Pasco, Polk & Sumter Counties

### Hillsborough County

Environmental Protection Commission  
3629 Queen Palm Drive  
Tampa FL 33619  
813/627-2600  
FAX 813/627-2660  
**Asbestos contact: Robert Delgado** ext1260  
[delgado@epchc.org](mailto:delgado@epchc.org)  
**Marvin Blount** ext 1277  
[blount@epchc.org](mailto:blount@epchc.org)  
**Melverin Cummings** ext 1261  
[cummings@epchc.org](mailto:cummings@epchc.org)

### Pinellas County

Department of Environmental Management  
300 South Garden Avenue  
Clearwater FL 33756  
727/464-4422 FAX 727/453-3548  
**Asbestos Contacts: Mickey Crane**  
[mcrane@pinellascounty.org](mailto:mcrane@pinellascounty.org)  
**Julie Foster**  
[jfoster@pinellascounty.org](mailto:jfoster@pinellascounty.org)  
**Matt McCann**  
[mmccann@pinellascounty.org](mailto:mmccann@pinellascounty.org)

### Sarasota County

Air Program  
1301 Cattlemen Rd, Bldg A  
Sarasota, FL 34232-6299  
941/861-6230 FAX 941/861-6267  
**Asbestos Contact: Debbie Telemeco-Anders**  
[dtelemec@scgov.net](mailto:dtelemec@scgov.net)

## DEP NORTHEAST DISTRICT

7825 Baymeadows Way, Suite B-200  
Jacksonville, FL 32256-7590  
904-807-3256 FAX 904/448/4363  
**Asbestos Contact: Marc Lovallo, Ray Barata**  
[marc.lovallo@dep.state.fl.us](mailto:marc.lovallo@dep.state.fl.us)  
[raymond.barata@dep.state.fl.us](mailto:raymond.barata@dep.state.fl.us)  
Alachua, Baker, Bradford, Clay, Columbia,  
Dixie, Flagler, Gilchrist, Hamilton, Jefferson,  
Lafayette, Levy, Madison, Nassau, Putnam, St.  
Johns, Suwannee, Taylor & Union Counties

## Duval County Environmental and Compliance Department,

Environmental Quality Division  
407 North Laura Street, 3<sup>rd</sup> Floor  
Jacksonville FL 32202-3718  
904/630-4900 FAX 904/630-3638  
**Asbestos Contact: Kathryn Russell [x7184]**  
[russell@coj.net](mailto:russell@coj.net)

## DEP SOUTH DISTRICT

2295 Victoria Avenue, Suite 364  
P.O. Box 2549  
Fort Myers, FL 33902-2549  
239/332-6975 FAX 239/332-6969  
**Asbestos Contacts: Robert Stewart, Sherrill Culliver**  
[robert.stewart@dep.state.fl.us](mailto:robert.stewart@dep.state.fl.us)  
[sherrill.culliver@dep.state.fl.us](mailto:sherrill.culliver@dep.state.fl.us)  
Charlotte, Collier, Glades, Hendry,  
Highlands & Lee Counties

### South District Branch Offices Monroe County (the Keys)

2796 Overseas Highway, Suite 221  
Marathon FL 33050  
305/289-2310 FAX 305/289-2314  
**Asbestos Contact: Barbara Nevins**  
[barbara.nevins@dep.state.fl.us](mailto:barbara.nevins@dep.state.fl.us)

### Sebring Satellite Office

2812 Kenilworth Blvd.  
Sebring, Florida 33870  
Phone (863)314-5975  
Fax (863)314-5979  
**Asbestos Contact: Raquel Arias**  
[raquel.arias@dep.state.fl.us](mailto:raquel.arias@dep.state.fl.us)

## DEP CENTRAL DISTRICT

3319 Maguire Boulevard, Suite 232  
Orlando, FL 32803-3767  
407/893-3333 FAX 407/897-5963  
**Asbestos Contact: Michael Young & Wanda Parker-Garvin**  
[michael\\_young@dep.state.fl.us](mailto:michael_young@dep.state.fl.us)  
[wanda.parker@dep.state.fl.us](mailto:wanda.parker@dep.state.fl.us)  
Brevard, Indian River, Lake, Marion,  
Osceola, Seminole & Volusia Counties

### Orange County

Environmental Protection Division  
800 Mercy Drive, Suite 4  
Orlando, FL 32808  
407/836-1400 FAX 407/836-1499  
**Asbestos Contact: Mike Girton**  
[james.girton@ocfl.net](mailto:james.girton@ocfl.net)

## DEP SOUTHEAST DISTRICT

400 North Congress Avenue  
P.O. Box 15425  
West Palm Beach, FL 33416  
561/681-6621 FAX 561/681-6790  
**Asbestos Contacts: Shabbir (Sam) Qureshi**  
[shabbir.qureshi@dep.state.fl.us](mailto:shabbir.qureshi@dep.state.fl.us)  
**Patricia Tampas**  
[patricia.tampas@dep.state.fl.us](mailto:patricia.tampas@dep.state.fl.us)  
Martin, Okechobee, & St. Lucie Counties

### Palm Beach County

Health Department  
800 Clematis Street  
P.O. Box 29  
West Palm Beach FL 33401-0029  
561/837-5963 FAX 561/837-5295  
**Asbestos Contact: Alex Ortega**  
[alejandro.ortega@doh.state.fl.us](mailto:alejandro.ortega@doh.state.fl.us)

### Broward County Environmental Protection Department (EPD)

Air Quality Division  
One North University Dr, Ste 203  
Plantation, FL 33324-2038  
954-519-1420 Fax 954-519-1495  
**Asbestos Contact: Walt Richards**  
[wrichards@broward.org](mailto:wrichards@broward.org)

### Miami-Dade County Dept of Environmental Resource Management

Air Quality Management Division  
701 N.W. 1<sup>st</sup> Court, Suite 400  
Miami, FL 33136  
305/372-6925 FAX 305/372-6954  
**Asbestos Contacts: Mallika Muthia**  
[muthim@miamidade.gov](mailto:muthim@miamidade.gov)  
**Jorge Frases**  
[frasej@miamidade.gov](mailto:frasej@miamidade.gov)

# Any Questions?

**As we know, there are known knowns. There are things we know we know. We also know there are known unknowns. That is to say we know there are some things we do not know. But there are also unknown unknowns, the ones we don't know we don't know.**

**- Donald Rumsfeld**

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850.921.9530