

March 21, 2003
Athenica Environmental

COMMON AREAS

280 Rector Place- Started 3/20, Estimated Completion Date 3/24.

395 South End Ave.- Done except Laundry Room

375 South End Ave- 29 Floors Estimated Completion Date 3/24

355 South End Ave- Done 3/17 except Lobby (connected with 345 South End Ave), & 27th Fl- Re-cleaning Today

HVAC

280 Rector Place- Done 3/19

333 Rector Place- Done 3/6

345 South End Ave- Started 3/21 Estimated Completion Date 3/24

355 South End Ave- Done 3/17

375 South End Ave- Start Date 3/21 Estimated Completion Date 3/24

385 South End Ave- Done 3/20

395 South End Ave- Done Last Week

350 Albany — next
Date way → next / follow
300 All → 3/27 - 4/4
250 Sect → 3/31 - 4/7
380 Rector → 3/31 → 4/4

Need to see
2 South End

Clean and Test

Quadrant (Map)	Total Requests	Cleared	Not Cleared	Not Determined
A	1416	179	1	8
B	1359	609	1	10
C	1454	105	4	13
D	1155	166	2	3
Total	5384	1059	8	34

2096

343

KISS

663

Table Key:

Total Requests: Number of residences requesting testing.

Cleared: Number of residences with all results below the EPA clearance level.

Not Cleared: Number of residences with any results above the EPA clearance level.

Not Determined: Number of apartments with samples not analyzed due to filter overload, etc.

1056
313
663

Please Note: Individual test results will be mailed in four to six weeks.
Please be patient and refrain from calling.

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Last updated on Thursday, January 9th, 2003

URL: http://www.epa.gov/wtc/factsheets/clean_test_results.htm

Total # common spaces
9 bldg = 163 Floors

1454
268
1722

1784
1000
South Bridge Tower

HVAC/Exhaust cleaning
Procedures

http://www.epa.gov/wtc/factsheets/clean_test_results.htm



U.S. Environmental Protection Agency

EPA Response to September 11

114
Liberty

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- Interactive Maps
- Other Monitoring Data
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 - New Jersey DEP
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WTC Residential Testing Results

The work of cleaning and testing residences in lower Manhattan (south of Canal Street) is underway. Depending upon the assistance requested, EPA is arranging for licensed contractors to clean and/or test residential units ([fact sheet](#)) for asbestos in air. There is no charge for this service. Requests for assistance will be accepted until December 28, 2002 via the [Web](#) or by calling EPA's toll-free World Trade Center hotline (1-877-796-5471).

Asbestos in air test results for individual residences are provided **only to residents** of the affected unit. Aggregate test results are provided here. The locations of residences that have cleared or not cleared EPA's testing criteria will be identified by block.

EPA is committed to setting the most stringent standards that can be technically achieved when testing residences for asbestos in air. We have set an initial risk-based clearance level for asbestos of 0.0009 fibers per cubic centimeter (f/cc). This means that if 10,000 people are exposed to this level of asbestos for 30 years, there may be one more case of cancer than if the group had not been exposed at all.

Testing for asbestos ([fact sheet](#)) in air calls for moving a measured volume of air across a filter, then examining that filter under a microscope equipped with a grid and counting the number of asbestos fibers found. Problems arise when too many dust and fiber particles are captured by the filter. The filter becomes overloaded and technicians examining it under the microscope cannot separate out or identify individual fibers. Residences where this occurs are listed as "Not Determined." In a residence where only testing was conducted, EPA recommends that the home be cleaned and re-tested. In a residence where both cleaning and testing were done, EPA will attempt to identify potential sources and will then re-clean and re-test the home.

Test results below reflect analytical results received through January 9th. During the initial stage of cleaning and testing, results will be updated on a weekly basis. Once data flow is established, this table will update automatically as test results are entered.

Test Only

5384 Test & Clean
1241 Test only

Quadrant (Map)	Total Requests	Cleared	Not Cleared	Not Determined
A	277	40	1	3
B	285	50	0	2
C	268	49	3	2
D	411	185	0	3
Total	1241	324	4	10

1 of 2 715 442 - 8130

1/14/2003 11:12 AM

Mike fyi
 Krish
 12/24/02

	Quad A	Quad B	Quad C	Quad D	Total
Total Requests	72	36	52	22	182
Number of bldgs. with HVAC/Exhaust	46	26	44	20	136
Number of bldgs. with HVAC systems	17	14	19	20	70
Number of bldgs. with Exhaust systems	46	24	44	20	134
Total number of HVAC systems	46	76	44	140	306
Total number of HVAC systems cleared	13	25	40	37	115
Total number of Exhaust systems	248	214	559	570	1591
Total number of Exhaust systems cleared	101	0	273	135	509

1082

$$\frac{1082}{125} \times 1082 = 35$$

		A	B	C	D
1	Total number of requests	1697	1580	1764	
2	Cleaning & testing requests	1420	1293	1477	
3	Apts cleaned	250			
4	Apts to be cleaned	1170	1293	1477	0
5	Testing requests	277	267		
6	Testing completed	54			
7	Testing to be done	223	267	268	0
8	Whole bldg. requests	74	28		
9	Whole bldg HVAC requests	74	33	37	
10	HVAC / Exhaust evaluation completed		1		
11	HVAC / Exhaust evaluation to be done		32		
12	HVAC / Exhaust system dirty (bldgs)				
13	HVAC / Exhaust system cleaned (bldgs)				
14	Whole bldg. cleaning requests <i>Completed</i>				
15	Bldgs cleaned				
16	Conversions - test to clean & test				
17	Conversions - clean & test to test				

No		A	B	C	D	
1	Total - clean & test	1324	1235	1185	1055	4799
2	Apts cleaned	672	927	539	320	2458
3	Total - test only	246	274	95	378	993
4	Apts tested	55	153	72	253	533
5	Total Request	1570	1509	1280	1433	5792
6	Completed	727	1080	611	573	2991
7	No of cancellations	199	220	409	68	896
8	Scheduled	64	54	191	124	433
9	To be scheduled	580	155	69	668	1012

→ Does this include
cancellation before latter?

1012

← 897 copied
for 3/21
for 5/24

208

507

91
1059
897
142
847

Total number of jobs		1294	1262	1306	986	4848
Apts that are greater than 2500		250	270	160	50	730
Estimated number of jobs		1735	1692	1751	1322	6500
Estimated apts that are greater than 2500	100	335	362	215	67	979
Apts that are greater than 2500	80	268	290	172	54	863
Terraces that are greater than 2500	20	67	72	43	13	116
Average area over and above 2500	1500					
Additional cost for cleaning apt	80	\$402,228	\$434,406	\$257,426	\$80,446	\$1,174,505
Additional cost for cleaning terraces	20	\$50,278	\$54,301	\$32,178	\$10,056	\$146,833
Jobs cancelled on the same day	5%	87	85	88	66	326
Additional cost for cancelled jobs		\$31,229	\$30,457	\$31,519	\$23,796	\$117,000

Quadrants Status as of 4/11/03

1. # of Clean and Test scheduled for 4/14-4/20 and 4/21-4/27.

Quad A	9	0
Quad B	10	2
Quad C	7	2
Quad D	86	42

2. # of Test only scheduled for 4/14-4/20 and 4/21-4/27.

Quad A	0	0
Quad B	1	1
Quad C	4	1
Quad D	13	5

3. Accomplishments during 3/31-4/6:

	Quad A	Quad B	Quad C	Quad D
# Clean And Test Completed:	49	23	50	83
# Test Only Completed:	13	9	4	9
# Wipes Completed:	12	0	11	2

4. Accomplishments thus far this week (3/31- 4/2):

	Quad A	Quad B	Quad C	Quad D
# Clean And Test Completed:	17	27	26	36
# Test Only Completed:	3	6	2	3
# Wipes Completed:	7	0	1	0

5. # of 'express' mail letters which were sent in follow-up to your first call to residents.

Quad A	1039
Quad B	400
Quad C	493
Quad D	707

6. Preliminary # of dropouts thus far resulting from these letters (subject to final reconciliation).

Quad A	295 → above 400
Quad B	201
Quad C	450
Quad D	70

7. Since the beginning of this program, the # of total accomplishments for:

	Quad A	Quad B	Quad C	Quad D
Total Universe	1314 C&T 231 TO	1275 C&T 274 TO	1303 C&T 259 TO	1013 C&T 352 TO
Clean and Test:	907	903	708	512
Test Only:	90	179	128	259
Wipe Samples:	42	44	42	27

2 HVAC
16 APTS
Call Branch
SWS. re
South Bridge Tower
Monpaue

Walter
① 93
Nassau
② 114
Liberty
③ 514
Insurance
Policy
Walter to
get back to
me re ms
Policy