

Radhakrishnan, Krish

From: Maddaloni.Mark@epamail.epa.gov
Sent: Tuesday, August 16, 2005 1:07 PM
To: Keveney.Emmett@epamail.epa.gov
Cc: Kolenberg.Beverly@epamail.epa.gov; christopher.alonge@labor.state.ny.us; Kraft.Daniel@epamail.epa.gov; Santella.Dennis@epamail.epa.gov; Gillen.gil@dol.gov; Eng.Ken@epamail.epa.gov; Fradkin.Kenneth@epamail.epa.gov; krishr@dep.nyc.gov; Grossman.Lenny@epamail.epa.gov; Voo.Leonard@epamail.epa.gov; Khan.Mazeeda@epamail.epa.gov; mendelson.richard@dol.gov; Evangelista.Pat@epamail.epa.gov; pennynt@dep.nyc.gov; Flax.Phil@epamail.epa.gov; ptheodorelllys@dep.nyc.gov; Werner.Raymond@epamail.epa.gov; Ruvo.Richard@epamail.epa.gov; Fitzpatrick.Robert@epamail.epa.gov; Hazen.Robert@epamail.epa.gov; roberti@buildings.nyc.gov; sjcarlom@gw.dec.state.ny.us; wxyeman@gw.dec.state.ny.us
Subject: Re: 133-135 Greenwich Street/21-23 Thames Street: Some sample results for PCBs in caulking and dust in the 2nd floor kitchen



0368atk.pdf

Some initial impressions on the results from the two samples. There's not much PCB in the caulk. The risk-based screening criteria for PCBs in bulk material in EPA's WTC COPC Report is 1.5 ppm. A concentration of 0.5 mg/kg (ppm) would not pose much of a risk unless one was displaying pica behavior and consuming considerable amounts of the caulking material. The only constituents leaching out of the kitchen dust sample were a few metals but not at very high concentration (e.g., Pb .021 mg/l -> TCLP = 7.5 mg/l; Cr .12 mg/l -> TCLP = 5.0 mg/l; Ba .25 mg/l -> TCLP 100 mg/l). However, this TCLP test does not provide the actual concentration (ppm) of contaminants in the dust sample.

Emmet
 Keveney/R2/USEPA
 /US

08/16/2005 01:26
 PM

To
 sjcarlom@gw.dec.state.ny.us,
 christopher.alonge@labor.state.ny.us, pennynt@dep.nyc.gov,
 ptheodorelllys@dep.nyc.gov,
 roberti@buildings.nyc.gov,
 mendelson.richard@dol.gov,
 Gillen.gil@dol.gov, Leonard
 Voo/R2/USEPA/US@EPA, Lenny
 Grossman/R2/USEPA/US@EPA, Robert
 Fitzpatrick/R2/USEPA/US@EPA,
 Kenneth Fradkin/R2/USEPA/US@EPA,
 Mazeeda Khan/R2/USEPA/US@EPA

cc

Beverly
 Kolenberg/R2/USEPA/US@EPA, Robert
 Hazen/R2/USEPA/US@EPA, Mark
 Maddaloni/R2/USEPA/US@EPA, Dennis
 Santella/R2/USEPA/US@EPA, Phil
 Flax/R2/USEPA/US@EPA, Raymond
 Werner/R2/USEPA/US@EPA, Ken
 Eng/R2/USEPA/US@EPA, Richard
 Ruvo/R2/USEPA/US@EPA, Pat
 Evangelista/R2/USEPA/US@EPA,
 wxyeman@gw.dec.state.ny.us,
 krishr@dep.nyc.gov, Daniel

Kraft/R2/USEPA/US@EPA

Subject

133-135 Greenwich Street/21-23
Thames Street: Some sample
results for PCBs in caulking and
dust in the 2nd floor kitchen

FYI - just received another piece of information pertaining to the buildings at 133-135 Greenwich Street/21-23 Thames Street for your information. They forwarded to us two sample results. One was for PCB in the caulking of the older building (21-23 Thames Street) and one was for dust in the kitchen. Not sure of the relevance with regards to the WTC dust since they should not draw conclusions on any other dust they may encounter in the buildings based on the results of one sample taken in the kitchen where visible dust was seen.

Thanks. Emmet.

----- Forwarded by Emmet Keveney/R2/USEPA/US on 08/16/2005 01:18 PM

Benn Lewis
<bennlewis@airte
kenv.com>

08/16/2005 12:18
PM

To
Emmet Keveney/R2/USEPA/US@EPA
cc
Pat Evangelista/R2/USEPA/US@EPA
Subject
Fw: 05080368

Hi Emmet, here are the test results fo rthe window caulk at Tames
(non-PCB),
and the dust at the site (non-Haz). Please pass on as appropriate.

Thanks!

Any word on the re-submittal??????

Benn Lewis
Vice President
Airtek Environmental Corp.
39 W. 38th St. 12th Floor
New York, N.Y. 10018
Phone: 212-768-0516 ext. 14
Fax: 212-768-0759
www.airtekenv.com

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----- Original Message -----

From: "Michael Porter" <mporter@airtekenv.com>
 To: <bennlewis@airtekenv.com>
 Sent: Tuesday, August 16, 2005 12:00 PM
 Subject: FW: 05080368

>
 >
 > Michael Porter
 > Senior Project Manager,
 > Airtek Environmental Corporation
 > 39 West 38th Street, 12th Floor
 > New York, NY 10018
 > 212-768-0516 voice ex.17
 > 212-768-0759 fax
 > mailto:mporter@airtekenv.com
 > http://www.airtekenv.com/
 >
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> -----Original Message-----

> From: York Analytical Labs [mailto:kjastermsky@yorklab.com]
 > Sent: Monday, August 15, 2005 5:08 PM
 > To: Michael Porter
 > Subject: 05080368

>
 > Mike,
 >
 > Attached is the above-referenced York report for Airtek's project, 05-0701.
 >
 > Regards,
 >
 > Karen
 >
 >
 (See attached file: 0368atk.pdf)

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Airtek Environmental
39 West 38th St., 12th Floor
New York, NY 10018
Attention: Mike Porter

Report Date: 8/15/2005
Re: Client Project ID: 05-0701
York Project No.: 05080368

CT License No. PH-0723

New York License No. 10854



120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371

FAX (203) 357-0166

Report Date: 8/15/2005
 Client Project ID: 05-0701
 York Project No.: 05080368

Airtek Environmental
 39 West 38th St., 12th Floor
 New York, NY 10018
 Attention: Mike Porter

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 08/11/05. The project was identified as your project "05-0701".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			133 Greenwich St. 2nd Fl. Kitchen S. Side	
York Sample ID			05080368-01	
Matrix			WTC DUST	
Parameter	Method	Units	Results	MDL
TCLP Polynuc. Arom. Hydroc.(BN)	SW846-8270	ug/L	---	---
Acenaphthene			Not detected	10
Acenaphthylene			Not detected	10
Anthracene			Not detected	10
Benzo[a]anthracene			Not detected	10
Benzo[a]pyrene			Not detected	10
Benzo[b]fluoranthene			Not detected	10
Benzo[g,h,i]perylene			Not detected	10
Benzo[k]fluoranthene			Not detected	10
Chrysene			Not detected	10
Dibenz[a,h]anthracene			Not detected	10
Fluoranthene			Not detected	10
Fluorene			Not detected	10
Indeno[1,2,3-cd]pyrene			Not detected	10
Naphthalene			Not detected	10
Phenanthrene			Not detected	10
Pyrene			Not detected	10

YORK

Client Sample ID			133 Greenwich St. 2nd Fl. Kitchen S. Side	
York Sample ID			05080368-01	
Matrix			WTC DUST	
Parameter	Method	Units	Results	MDL
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	10
2,4,5-Trichlorophenol			Not detected	50
2,4,6-Trichlorophenol			Not detected	10
2,4-Dinitrotoluene			Not detected	10
Cresol (Total)			Not detected	10
Hexachloro-1,3-butadiene			Not detected	10
Hexachlorobenzene			Not detected	10
Hexachloroethane			Not detected	10
m-Cresol			Not detected	10
Nitrobenzene			Not detected	10
o-Cresol			Not detected	10
p-Cresol			Not detected	10
Pentachlorophenol			Not detected	50
Pyridine			Not detected	10
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			0.029	0.010
TCLP Barium			0.249	0.010
TCLP Cadmium			0.020	0.005
TCLP Chromium			0.118	0.005
TCLP Lead			0.021	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			0.008	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0005
PCB	SW846-8080	ug/L	---	---
PCB 1016			Not detected	0.2
PCB 1221			Not detected	0.2
PCB 1232			Not detected	0.2
PCB 1242			Not detected	0.2
PCB 1248			Not detected	0.2
PCB 1254			Not detected	0.2
PCB 1260			Not detected	0.2
PCB, Total			Not detected	0.2
TCLP Pesticides/Herbicides	SW1311-8081,8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	0.40
2,4-D			Not detected	0.40
Chlordane			Not detected	1.0
Endrin			Not detected	0.10
Heptachlor (and the epoxide)			Not detected	0.08
Lindane			Not detected	0.06
Methoxychlor			Not detected	0.10
Toxaphene			Not detected	1.0
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	1
1,2-Dichloroethane			Not detected	1
1,4-Dichlorobenzene			Not detected	1
Benzene			Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobenzene			Not detected	1
Chloroform			Not detected	1

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Client Sample ID			133 Greenwich St. 2nd Fl. Kitchen S. Side	
York Sample ID			05080368-01	
Matrix			WTC DUST	
Parameter	Method	Units	Results	MDL
Methyl Ethyl Ketone			Not detected	10
Tetrachloroethylene			Not detected	1
Trichloroethylene			Not detected	1
Vinyl Chloride			Not detected	1

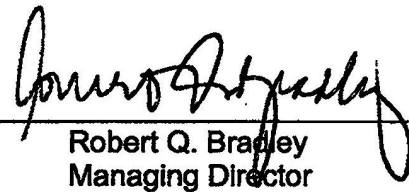
Client Sample ID			23 Thames St. 2nd Fl Window N. Side	
York Sample ID			05080368-02	
Matrix			CAULK	
Parameter	Method	Units	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.06
PCB 1221			Not detected	0.06
PCB 1232			Not detected	0.06
PCB 1242			Not detected	0.06
PCB 1248			Not detected	0.06
PCB 1254			0.36	0.06
PCB 1260			0.10	0.06
PCB, Total			0.46	0.06

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 05080368

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:


Robert Q. Bradley
Managing Director

Date: 8/15/2005

YORK

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371 FAX (203) 387-0166

Field Chain-of-Custody Record

0508208

Company Name AIRTEL ENVIRONMENTAL	Report To: MIKE PORTER
---	----------------------------------

Report To:
MIKE ROBERT

Invoice To:
A. IETEK

Project ID/No.
05-0701

Mike Porter
Samples Collected By (Signature)

Mike Porter

[illegible]

Chain-of-Custody Record

Mike Porter
Sample Requisitioned by

8/4/2005 Date/Time

[illegible]

Sample Received by

[illegible]

Sample Relinquished by

Date/Time

Sample Received in LAB by _____ Date/Time _____

Comments/Special Instructions

Comments/Special Instructions
FAX RESULTS TO 213-748-0759 & EMAIL RESULTS TO IMPORTER@AIEETEXENV.COM

Turn-Around Time

14 (define) RSA

YORK

ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE
STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0161

Field Chain-of-Custody Record

Page 1 of 1[illegible]