

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

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

Report Date: 4/19/2006
Re: Client Project ID: 06-0200 Fiterman Hall
York Project No.: 06040443

CT License No. PH-0723

New York License No. 10854



Report Date: 4/19/2006
 Client Project ID: 06-0200 Fiterman Hall
 York Project No.: 06040443

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

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 04/17/06. The project was identified as your project "06-0200 Fiterman Hall."

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			5th Floor Setback Roof		14th Floor Setback Roof	
York Sample ID			06040443-01		06040443-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.102	Not detected	0.102
PCB 1221			Not detected	0.102	Not detected	0.102
PCB 1232			Not detected	0.102	Not detected	0.102
PCB 1242			Not detected	0.102	Not detected	0.102
PCB 1248			Not detected	0.102	Not detected	0.102
PCB 1254			0.27	0.102	0.26	0.102
PCB 1260			Not detected	0.102	Not detected	0.102
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---	---	---
1,4-Dichlorobenzene			Not detected	7.4	Not detected	6.7
2,4,5-Trichlorophenol			Not detected	7.4	Not detected	6.7
2,4,6-Trichlorophenol			Not detected	7.4	Not detected	6.7
2,4-Dinitrotoluene			Not detected	7.4	Not detected	6.7
Cresol (Total)			Not detected	7.4	Not detected	6.7

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Client Sample ID			5th Floor Setback Roof		14th Floor Setback Roof	
York Sample ID			06040443-01		06040443-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
Hexachloro-1,3-butadiene			Not detected	7.4	Not detected	6.7
Hexachlorobenzene			Not detected	7.4	Not detected	6.7
Hexachloroethane			Not detected	7.4	Not detected	6.7
m-Cresol			Not detected	7.4	Not detected	6.7
Nitrobenzene			Not detected	7.4	Not detected	6.7
o-Cresol			Not detected	7.4	Not detected	6.7
p-Cresol			Not detected	7.4	Not detected	6.7
Pentachlorophenol			Not detected	7.4	Not detected	6.7
Pyridine			Not detected	7.4	Not detected	6.7
TCLP Herbicides	SW-846/8151	ug/L	---	---	---	---
2,4,5-TP (Silvex)			Not detected	25.0	Not detected	25.0
2,4-D			Not detected	25.0	Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---	---	---
TCLP Arsenic			Not detected	0.010	Not detected	0.010
TCLP Barium			0.919	0.010	1.34	0.010
TCLP Cadmium			0.031	0.005	0.027	0.005
TCLP Chromium			0.022	0.005	0.040	0.005
TCLP Lead			0.489	0.005	0.226	0.005
TCLP Selenium			Not detected	0.010	Not detected	0.010
TCLP Silver			Not detected	0.005	Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0010	Not detected	0.0010
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---	---	---
Chlordane			Not detected	1.40	Not detected	1.40
Endrin			Not detected	0.0336	Not detected	0.0336
Heptachlor (and the epoxide)			Not detected	0.0336	Not detected	0.0336
Lindane			Not detected	0.0336	Not detected	0.0336
Methoxychlor			Not detected	0.336	Not detected	0.336
Toxaphene			Not detected	1.40	Not detected	1.40
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0
Reactivity-Cyanide	SW846 Ch. 7.3.3	mg/kg	Not detected	0.25	Not detected	0.25
Reactivity-Sulfide	SW846 Ch. 7.3.4	mg/kg	Not detected	15	Not detected	15
Ignitability	SW846-1030P	---	Does not ignite	---	Does not ignite	---
pH	EPA 150.1	units	7.61	---	7.34	---

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Client Sample ID			15th Floor Roof		Elevator Machine Room Roof	
York Sample ID			06040443-03		06040443-04	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.102	Not detected	0.102
PCB 1221			Not detected	0.102	Not detected	0.102
PCB 1232			Not detected	0.102	Not detected	0.102
PCB 1242			Not detected	0.102	Not detected	0.102
PCB 1248			Not detected	0.102	Not detected	0.102
PCB 1254			0.85	0.102	0.50	0.102
PCB 1260			Not detected	0.102	Not detected	0.102
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---	---	---
1,4-Dichlorobenzene			Not detected	8.3	Not detected	8.0
2,4,5-Trichlorophenol			Not detected	8.3	Not detected	8.0
2,4,6-Trichlorophenol			Not detected	8.3	Not detected	8.0
2,4-Dinitrotoluene			Not detected	8.3	Not detected	8.0
Cresol (Total)			Not detected	8.3	Not detected	8.0
Hexachloro-1,3-butadiene			Not detected	8.3	Not detected	8.0
Hexachlorobenzene			Not detected	8.3	Not detected	8.0
Hexachloroethane			Not detected	8.3	Not detected	8.0
m-Cresol			Not detected	8.3	Not detected	8.0
Nitrobenzene			Not detected	8.3	Not detected	8.0
o-Cresol			Not detected	8.3	Not detected	8.0
p-Cresol			Not detected	8.3	Not detected	8.0
Pentachlorophenol			Not detected	8.3	Not detected	8.0
Pyridine			Not detected	8.3	Not detected	8.0
TCLP Herbicides	SW-846/8151	ug/L	---	---	---	---
2,4,5-TP (Silvex)			Not detected	25.0	Not detected	25.0
2,4-D			Not detected	25.0	Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---	---	---
TCLP Arsenic			Not detected	0.010	Not detected	0.010
TCLP Barium			0.879	0.010	0.781	0.010
TCLP Cadmium			0.023	0.005	0.023	0.005
TCLP Chromium			0.009	0.005	0.038	0.005
TCLP Lead			0.784	0.005	0.499	0.005
TCLP Selenium			Not detected	0.010	Not detected	0.010
TCLP Silver			Not detected	0.005	Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0010	Not detected	0.0010
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---	---	---
Chlordane			Not detected	1.40	Not detected	1.30
Endrin			Not detected	0.0336	Not detected	0.0312
Heptachlor (and the epoxide)			Not detected	0.0336	Not detected	0.0312
Lindane			Not detected	0.0336	Not detected	0.0312
Methoxychlor			Not detected	0.336	Not detected	0.312
Toxaphene			Not detected	1.40	Not detected	1.30
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0

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Client Sample ID			15th Floor Roof		Elevator Machine Room Roof	
York Sample ID			06040443-03		06040443-04	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0
Reactivity-Cyanide	SW846 Ch. 7.3.3	mg/kg	Not detected	0.25	Not detected	0.25
Reactivity-Sulfide	SW846 Ch. 7.3.4	mg/kg	Not detected	15	Not detected	15
Ignitability	SW846-1030P	---	Does not ignite	---	Does not ignite	---
pH	EPA 150.1	units	7.99	---	7.19	---

Client Sample ID			Fan Room Roof	
York Sample ID			06040443-05	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.102
PCB 1221			Not detected	0.102
PCB 1232			Not detected	0.102
PCB 1242			Not detected	0.102
PCB 1248			Not detected	0.102
PCB 1254			0.44	0.102
PCB 1260			Not detected	0.102
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	7.4
2,4,5-Trichlorophenol			Not detected	7.4
2,4,6-Trichlorophenol			Not detected	7.4
2,4-Dinitrotoluene			Not detected	7.4
Cresol (Total)			Not detected	7.4
Hexachloro-1,3-butadiene			Not detected	7.4
Hexachlorobenzene			Not detected	7.4
Hexachloroethane			Not detected	7.4
m-Cresol			Not detected	7.4
Nitrobenzene			Not detected	7.4
o-Cresol			Not detected	7.4
p-Cresol			Not detected	7.4
Pentachlorophenol			Not detected	7.4
Pyridine			Not detected	7.4
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			Not detected	0.010
TCLP Barium			1.17	0.010
TCLP Cadmium			0.024	0.005

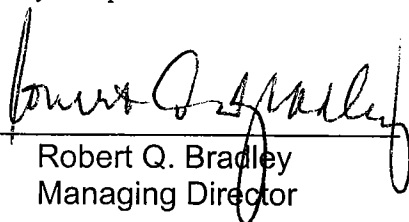
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Client Sample ID			Fan Room Roof	
York Sample ID			06040443-05	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
TCLP Chromium			0.066	0.005
TCLP Lead			2.03	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0010
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	1.20
Endrin			Not detected	0.0288
Heptachlor (and the epoxide)			Not detected	0.0288
Lindane			Not detected	0.0288
Methoxychlor			Not detected	0.288
Toxaphene			Not detected	1.20
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			Not detected	5.0
Tetrachloroethylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0
Reactivity-Cyanide	SW846 Ch. 7.3.3	mg/kg	Not detected	0.25
Reactivity-Sulfide	SW846 Ch. 7.3.4	mg/kg	Not detected	15
Ignitability	SW846-1030P	---	Does not ignite	---
pH	EPA 150.1	units	8.19	---

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. 06040443

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. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
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: 4/19/2006

YORK

Field Chain-of-Custody Record

Company Name

Airtek Environmental Corp.

Report to:

Benn Lewis
bennlewis@airtekeny.com
Mike Porter
mporter@airtekeny.com

Invoice to:

Airtek Environmental

Project ID/No.

06-0200
Fiterman Hall

Michael Porter

Samples Collected by (signature)

Michael Porter
Name (printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix			Analyses Requested	Container Desc.
			Water	Dirt	Air		
1	5th Floor Setback Roof	4/13/2006		X		Ful TCLP, Full RCRA, Total PCB	4 oz. Glass Jar (4)
2	14th Floor Setback Roof	4/13/2006		X		Ful TCLP, Full RCRA, Total PCB	4 oz. Glass Jar (4)
3	15th Floor Roof	4/13/2006		X		Ful TCLP, Full RCRA, Total PCB	4 oz. Glass Jar (4)
4	Elevator Machine Room Roof	4/13/2006		X		Ful TCLP, Full RCRA, Total PCB	4 oz. Glass Jar (4)
5	Fan Room Roof	4/13/2006		X		Ful TCLP, Full RCRA, Total PCB	4 oz. Glass Jar (4)

Chain-of-Custody Record

Bottles Relinquished from Lab by _____ Date/Time _____

Bottles received in field by _____ Date/Time _____

Comments/Special Instructions:

Michael Porter
Samples Relinquished by

4/13/2006
Date/Time

Michael Porter
Samples received by
Date/Time

Samples received in LAB by

Turn-Around Time Requested - Specify Date Expected
if RUSH Requested: DATE DUE FOR RUSH: By 4/19/06

STANDARD

RUSH (Define) by Noon