

SUNY NEW PALTZ
QUARTERLY PCB SAMPLING DATA
MARCH 1997

ULSTER COUNTY DEPARTMENT OF HEALTH
NEW YORK STATE DEPARTMENT OF HEALTH
NEW YORK STATE OFFICE OF GENERAL SERVICES

APRIL 1997

SUMMARY

Electrical transformers in five buildings at the State University College at New Paltz released PCB (polychlorinated biphenyl) containing dielectric fluid following an electrical imbalance incident on December 29, 1991. As a consequence, the porous surfaces of rooms containing the transformers (vaults) and adjoining electrical equipment rooms absorbed PCB fluid. Some structural components in these rooms (grade beams and load-bearing columns) could not be cleaned or removed to comply with the surface cleanup criteria established for the project. In order to reduce the potential of maintenance staff to be exposed to PCBs from contaminated surfaces, an epoxy based encapsulant material was applied to affected components. Periodic wipe and air testing of the encapsulated areas was initiated in 1992. A sampling procedure was prepared by the clean up consultant ("Quarterly Sampling SUNY at New Paltz", Clean Harbors Environmental Services Inc., May 30, 1996). The procedure also described testing of groundwater monitoring wells installed near affected buildings. Monitoring wells were installed to assess the effect on groundwater of PCBs that spilled onto the ground surface or penetrated flooring materials. Well location, development and testing was conducted under the direction of the New York State Department of Environmental Conservation (NYSDEC). Wipe and air testing of encapsulated areas and monitoring well testing was conducted by the cleanup contractor from 1992 to 1995. Analytical results of this testing are summarized in documents prepared by the clean up consultant ("Encapsulation Sample Results", Clean Harbors Environmental Services Inc., 1995). The wipe, air and monitoring well samples described in this report were collected by Department of Health and New York State Office of General Services staff in March, 1997. All samples were analyzed at the New York State Department of Health (NYSDOH) Wadsworth Center for Laboratories & Research.

PCB WIPE TESTING

Sampling methods conformed to the procedures developed by the Ulster County Department of Health (UCDOH) and the NYSDOH. Samples were collected in locations described in the above noted sampling procedure. Each location was sampled by wiping nine separate areas of 100 square centimeters each with one gauze pad. The clean up and re-occupancy criteria for surfaces, established by the UCDOH and NYSDOH, is 1.0 microgram per 100 square centimeters (ug/100 sq. cm.). Analytical results are listed in Table 1 of this report.

PCB AIR SAMPLING

Air sampling was conducted in transformer vaults and electrical rooms containing encapsulated surfaces. Samples were collected and analyzed according to procedures developed by staff of the NYSDOH Organic Chemistry Laboratory. These procedures require a sample volume of at least 200 liters. A minimum detection limit of 0.02 micrograms per cubic meter (mcg/cu.m.) was achieved. The cleanup and re-occupancy criteria for air quality established by the UCDOH and NYSDOH is 1.0 mcg/cu.m. Analytical results of the air samples are presented in Table 2 of this report.

PCB MONITORING WELL SAMPLING

Water samples were collected from 14 monitoring wells located near affected buildings. One well near the Coykendall Science Building had apparently been damaged by reconstruction activities at the building and could not be sampled. Sampling was conducted according to methods described in the above noted quarterly sampling procedure. The EPA/NYSDEC standard for PCBs in groundwater is 0.1 micrograms/liter (ug/l). Analytical results of monitoring well samples will be reported separately.

RESULTS

All samples were analyzed for six PCB Aroclors identified by the numbers, 1221, 1016/1242, 1248, 1254 and 1260. Aroclors 1016 and 1242 can not be differentiated by the laboratory instrument used for the analysis. The results of these Aroclors are therefore reported together. Aroclor is a commercial name for PCB mixtures which contain different amounts of chlorine. The Aroclor contained in the transformer fluids at SUNY New Paltz was 1260. In some samples Aroclors other than 1260 were detected. It is unlikely that the presence of these other Aroclors is due to the 12-29-91 PCB spill but may be due to PCB containing material brought to the site from another source after the cleaning was completed.

None of the encapsulated surfaces tested exceeded the wipe testing clean up criteria. The levels of PCB Aroclors ranged from below the method detection limit of 0.05 ug/100 sq. cm. to 0.36 ug/100 sq. cm. More than half the samples had levels below 0.1 ug/100 sq. cm., the minimum detection level achieved by the contract laboratory during the clean up project. In some cases, the NYSDOH laboratory detected PCBs at concentrations below the general method detection limit of 0.05 ug/100 sq. cm. For reporting consistency these concentrations are listed in Table 1 as less than the detection limit.

Levels of PCB Aroclors in the air samples were all well below the clean up criteria. None were detected above the minimum detection level of 0.02 mcg/cu.m.

These results indicate that staff who have occasion to work in these areas would not be exposed to PCBs at levels above the general clean up criteria for the parts of the buildings that have unlimited access.

TABLE 1

PCB WIPE SAMPLE RESULTS
(Micrograms/100 sq. cm.)

LOCATION	SAMPLE ID	PCB AROCLORS		
		1260	1016/1242	1221
<u>Bliss Hall</u>				
Electric room ceiling beam	B-Elec Room	0.36	0.09	
Vault, S beam & W column	B-Vault #1	<0.05**		
Vault, W beam & W column	B-Vault #2	<0.05		
Exterior grade beam	B-Ext Grade Beam	<0.05		
<u>Gage Hall</u>				
Vault, S door beam	G-Beam #1	0.22		
Vault, S door beam	G-Beam #2	0.24		
Vault, door columns	G-Column #1	0.30		
<u>Scudder Hall</u>				
Vault, S column	S-Column	<0.05		
Vault, E wall beam	S-Beam #1	0.05		0.05 PL*
Vault, W & S Beams	S-Beam #2	0.08		
Exterior grade beam	S-Grade Beam	0.11		
<u>Coykendall Science Building</u>				
Electric room columns	C-Mer Column #1	0.43	0.06	
Electric room columns	C-Mer Column #2	0.05		
Vault, E wall	C-Mer Wall #1	0.15	<0.05	
Electric room E wall	C-Mer Wall #2	0.09	0.05 PL	
Electric room ceiling	C-Mer Ceiling #1	<0.05		
Vault & elec room ceilings	C-Mer Ceiling #2	<0.05		
Vault & elec room beams	C-Mer Beam	<0.05		
<u>Parker Theater</u>				
Loading dock face	P-Loadd 1	0.05		
Loading dock face	P-Loadd 2	0.05		
Exterior vault beam	P-Vault Beam	0.05		
Elec room S & W wall	P-Elec Rm #1	<0.05	0.05 PL	
Elec room N & E wall	P-Elec Rm #2	<0.05	0.05 PL	
Vault E wall	P-Vault #1	0.22	<0.05	
Vault S wall	P-Vault #2	0.18	<0.05	
<u>Quality Assurance Samples</u>				
100 cm. sq. metal template	P-Template	<0.05		
Dry gauze pad	Dry Wipe Blank	<0.05		
Gauze soaked in hexane	Moist Wipe Blank	<0.05		
Pipe cutter in MER***	C-Pipecutter	<2.50		

* PL - Present but less than the minimum detection limit of 0.05 micrograms

** < - Less than the minimum detection limit

*** A pipe cutter used by construction workers in the MER after the PCB cleaning was completed was wipe tested to determine if cutting oils containing PCBs were used.

TABLE 2
 PCB AIR SAMPLE RESULTS
 (micrograms per cubic meter)

LOCATION	PCB AROCLORS*
Bliss Hall Electric Room	<0.02**
Bliss Hall Transformer Vault	<0.02
Gage Hall Transformer Vault	<0.02
Scudder Hall Transformer Vault	<0.02
Coykendall Transformer Vault	<0.02
Parker Theater Electric Room	<0.02
Parker Theater Transformer Vault	<0.02
Trip Blank	<0.02

* Results for six aroclors

** < - Less than the minimum detection limit of 0.02 ug/cu. m.



STATE OF NEW YORK
DEPARTMENT OF HEALTH

Office of Public Health

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Albany, New York 12203-3399

Barbara A. DeBuono, M.D., M.P.H.
Commissioner

Karen Schimke
Executive Deputy Commissioner

Arnold Bernadini
Assistant Vice President
for Facilities & Planning
SUNY College at New Paltz
75 South Mannheim Boulevard
New Paltz, N.Y. 12561

August 11, 1997

Dear Mr. Bernadini:

The analytical results of the PCB (polychlorinated biphenyl) wipe and air samples collected on June 24, 1997 are enclosed. These samples were collected in Gage Hall and Coykendall Science Building to complete the quarterly sampling of encapsulated areas in these buildings according to the protocol proposed by Clean Harbors Environmental Services Inc. in their May 30, 1996 report. Sampling and analysis was conducted in accordance with the established cleanup project protocols.

Eight wipe and two air samples were collected and analyzed at the New York State Department of Health Laboratory. One wipe sample could not be analyzed due to damage to the sample container during transit to the laboratory. All results are listed in the enclosed tables.

None of the wipe or air samples exceeded the PCB cleanup criteria of 1 microgram per 100 square centimeter (MCG/100 Sq.Cm.) and 1 microgram per cubic meter (MCG/CU.M.) respectively. The highest wipe result was 0.42 MCG/100Sq.Cm. from a sample collected in the Gage transformer vault. Half of the wipe sample results were below the method detection limit of 0.05 MCG. The air sample collected in the Gage Hall transformer vault had a PCB level of 0.30 MCG/CU.M. The Coykendall transformer vault air sample had a PCB level below the 0.01 MCG/CU.M method detection limit.

These results indicate that the requirements described in the May 30, 1996 report for two years of wipe and air sample results below the project cleanup criteria have been satisfied for these buildings. Future sampling will be conducted according to a schedule proposed by your department and approved by the Ulster County Department of Health in consultation with the NYS Department of Health.

Water samples were collected from the 14 monitoring wells located near affected building on July 22 and July 24, 1997. Analysis of these samples has not been completed. After you receive these results you should contact Keith Browne of the NYS Department of Environmental Conservation (DEC) concerning the future sample collection schedule. Monitoring well CB-3, near the Coykendall Science Building, could not be sampled due to an obstruction in the casing. This well should be abandoned according to procedures developed by the NYS DEC.

If you have any questions please call me at (914) 794-2045.

Sincerely,

Mark Knudsen
Regional Toxics Coordinator

cc: J. Hawley
S. Bates
A. Dumas
K. Browne
J. Coffey

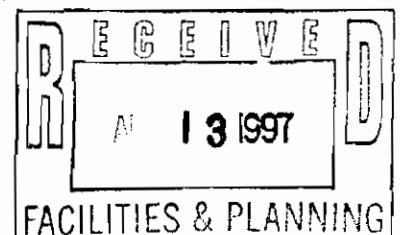


TABLE 2

PCB AIR SAMPLE RESULTS
(micrograms per cubic meter)

LOCATION	PCB AROCLORS DETECTED		
	1016/1242	1254	1260
Gage Hall Transformer Vault			0.30
Coykendall Transformer Vault	0.29	0.36	<0.01 ¹
Trip Blank	ND ²	ND	ND

¹ Not detected above the method detection limit of 0.01 MCG/CU.M.

² Not detected

TABLE 1
 PCB WIPE SAMPLE RESULTS
 (Micrograms/100 sq. cm.)

LOCATION	SAMPLE ID	PCB AROCLOR 1260
<u>Gage Hall</u>		
Vault, south door beam	G-Beam #1	0.42
Vault door columns	G-Col #1	0.09
<u>Coykendall Science Building</u>		
Electric room columns	C-Mer Col #1	0.09
Electric room columns	C-Mer Col #2	[SL] ¹
Vault, east wall	C-Mer Wall #1	0.06 ²
Electric room, east wall	C-Mer Wall #2	<0.05 ³
Electric room ceiling	C-Mer Ceiling #1	<0.05
Vault & Elec room ceilings	C-Mer Ceiling #2	<0.05
Vault & Elec room beams	C-Mer Beam	<0.05

¹ Sample leaked or was damaged in transit and could not be analyzed

² Aroclors 1016/1242 were detected in this sample below the method detection limit

³ Not detected above the method detection limit of 0.5 MCG/100 sq. cm

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RESULTS OF EXAMINATION

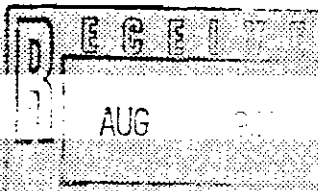
FINAL REPORT

SAMPLE ID: 9701261 SAMPLE RECEIVED: 97/06/27/ CHARGE: 4.00
PROGRAM: 870: SUNY @ NEW PALTZ
SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: SUNNY NEW PALTZ PCB SPILL
DESCRIPTION: GAGE, VAULT DOOR COLUMNS, G-COL #1
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: PCBWP: PCB'S IN WIPES
SAMPLE TYPE: 947: SURFACE WIPE USING SOLVENT
TIME OF SAMPLING: 97/06/24 DATE PRINTED: 97/08/06

ANALYSIS: PCBWP PCB'S IN WIPES (DES 312-3)
DATE PRINTED: 97/08/06 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
AROCLOR 1221	< 0.05 MCG
AROCLOR 1016/1242	< 0.05 MCG
AROCLOR 1248	< 0.05 MCG
AROCLOR 1254	< 0.05 MCG
AROCLOR 1260	0.84 MCG
AREA OF WIPE IN SQUARE METER	0.09 SQ. M.

***** END OF REPORT *****



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6 PRINCE ST.
MONTICELLO, NY 12701

SUBMITTED BY: KNUDSEN

SAMPLE ID: 9701265 SAMPLE RECEIVED: 97/06/27/ CHARGE: 4.00
 PROGRAM: 870: SUNY @ NEW PALTZ
 SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
 POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
 LATITUDE: LONGITUDE: Z DIRECTION:
 LOCATION: SUNNY NEW PALTZ PCB SPILL
 DESCRIPTION: GAGE, VAULT SOUTH DOOR BEAM G-BEAM #1
 REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
 TEST PATTERN: PCBWP: PCB'S IN WIPES
 SAMPLE TYPE: 947: SURFACE WIPE USING SOLVENT
 TIME OF SAMPLING: 97/06/24 : DATE PRINTED: 97/08/06

ANALYSIS: PCBWP PCB'S IN WIPES (DES 312-3)
 DATE PRINTED: 97/08/06 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
AROCLOR 1221	< 0.05 MCG
AROCLOR 1016/1242	< 0.05 MCG
AROCLOR 1248	< 0.05 MCG
AROCLOR 1254	< 0.05 MCG
AROCLOR 1260	3.8 MCG
AREA OF WIPE IN SQUARE METER	0.09 SQ. M.

**** END OF REPORT ****

REGISTRATION
 AUG 1997

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9701262 SAMPLE RECEIVED: 97/06/27/ CHARGE: 4.00
PROGRAM: 870: SUNY @ NEW PALTZ
SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: SUNNY NEW PALTZ PCB SPILL
DESCRIPTION: COYKENDALL, VAULT AND ELECTRIC ROOM CEILINGS, C-MER CEILING
DESCRIPTION: #2
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: PCBWP: PCB'S IN WIPES
SAMPLE TYPE: 947: SURFACE WIPE USING SOLVENT
TIME OF SAMPLING: 97/06/24 DATE PRINTED: 97/08/06

ANALYSIS: PCBWP PCB'S IN WIPES (DES 312-3)
DATE PRINTED: 97/08/06 FINAL REPORT

PARAMETER	RESULT
AROCLOR 1221	< 0.05 MCG
AROCLOR 1016/1242	< 0.05 MCG
AROCLOR 1248	< 0.05 MCG
AROCLOR 1254	< 0.05 MCG
AROCLOR 1260	0.12 MCG
AREA OF WIPE IN SQUARE METER	0.09 SQ. M.

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PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9701263 SAMPLE RECEIVED: 97/06/27/ CHARGE: 4.00
PROGRAM: 870: SUNY @ NEW PALTZ
SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: SUNNY NEW PALTZ PCB SPILL
DESCRIPTION: COYKENDALL, ELEC ROOM COLUMNS C-MER COL #1
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: PCBWP: PCB'S IN WIPES
SAMPLE TYPE: 947: SURFACE WIPE USING SOLVENT
TIME OF SAMPLING: 97/06/24 : DATE PRINTED: 97/08/06

ANALYSIS: PCBWP PCB'S IN WIPES (DES 312-3)
DATE PRINTED: 97/08/06 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
AROCLOR 1221	< 0.05 MCG
AROCLOR 1016/1242	< 0.05 MCG
AROCLOR 1248	< 0.05 MCG
AROCLOR 1254	< 0.05 MCG
AROCLOR 1260	0.85 MCG
AREA OF WIPE IN SQUARE METER	0.09 SQ. M.

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9701264 SAMPLE RECEIVED: 97/06/27/ CHARGE: 4.00
PROGRAM: 870:SUNY @ NEW PALTZ
SOURCE ID: DRAINAGE BASIN:13 GAZETTEER CODE:5522
POLITICAL SUBDIVISION:NEW PALTZ V. COUNTY:ULSTER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: SUNNY NEW PALTZ PCB SPILL
DESCRIPTION:COYKENDALL, ELECTRIC RM EAST WALL C-MER WALL #2
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: PCBWP:PCB'S IN WIPES
SAMPLE TYPE: 947:SURFACE WIPE USING SOLVENT
TIME OF SAMPLING: 97/06/24 DATE PRINTED:97/08/06

ANALYSIS: PCBWP PCB'S IN WIPES (DES 312-3)
DATE PRINTED: 97/08/06 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
AROCLOR 1221	< 0.05 MCG
AROCLOR 1016/1242	< 0.05 MCG
AROCLOR 1248	< 0.05 MCG
AROCLOR 1254	< 0.05 MCG
AROCLOR 1260	0.11 MCG
AREA OF WIPE IN SQUARE METER	0.09 SQ. M.

*** END OF REPORT ***

AUG 1997
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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9701267 SAMPLE RECEIVED: 97/06/27/ CHARGE: 4.00
PROGRAM: 870: SUNY @ NEW PALTZ
SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: SUNNY NEW PALTZ PCB SPILL
DESCRIPTION: COYKENDALL, ELECTRIC ROOM CEILING C-MER CEILING #1
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: PCBWP: PCB'S IN WIPES
SAMPLE TYPE: 947: SURFACE WIPE USING SOLVENT
TIME OF SAMPLING: 97/06/24 : DATE PRINTED: 97/08/06

ANALYSIS: PCBWP PCB'S IN WIPES (DES 312-3)
DATE PRINTED: 97/08/06 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
AROCLOR 1221	< 0.05 MCG
AROCLOR 1016/1242	< 0.05 MCG
AROCLOR 1248	< 0.05 MCG
AROCLOR 1254	< 0.05 MCG
AROCLOR 1260	0.29 MCG
AREA OF WIPE IN SQUARE METER	0.09 SQ. M.

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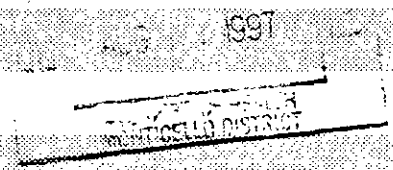
FINAL REPORT

SAMPLE ID: 9701268 SAMPLE RECEIVED: 97/06/27/ CHARGE: 4.00
PROGRAM: 870:SUNY @ NEW PALTZ
SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: SUNNY NEW PALTZ PCB SPILL
DESCRIPTION: COYKENDALL, VAULT & ELECTRIC RM BEAMS C-MER BEAM
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: PCBWP: PCB'S IN WIPES
SAMPLE TYPE: 947: SURFACE WIPE USING SOLVENT
TIME OF SAMPLING: 97/06/24 : DATE PRINTED: 97/08/06

ANALYSIS: PCBWP PCB'S IN WIPES (DES 312-3) FINAL REPORT
DATE PRINTED: 97/08/06

-----PARAMETER-----	-----RESULT-----
AROCLOR 1221	< 0.05 MCG
AROCLOR 1016/1242	< 0.05 MCG
AROCLOR 1248	< 0.05 MCG
AROCLOR 1254	< 0.05 MCG
AROCLOR 1260	0.22 MCG
AREA OF WIPE IN SQUARE METER	0.09 SQ. M.

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RESULTS OF EXAMINATION

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SAMPLE ID: 9701269 SAMPLE RECEIVED: 97/06/27/ CHARGE: 4.00
PROGRAM: 870:SUNY @ NEW PALTZ
SOURCE ID: DRAINAGE BASIN:13 GAZETTEER CODE:5522
POLITICAL SUBDIVISION:NEW PALTZ V. COUNTY:ULSTER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: SUNNY NEW PALTZ PCB SPILL
DESCRIPTION:COYKENDALL, ELECTRIC RM COLUMN C-MER COL #2
REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: PCBWP:PCB'S IN WIPES
SAMPLE TYPE: 947:SURFACE WIPE USING SOLVENT
TIME OF SAMPLING: 97/06/24 : DATE PRINTED:97/08/06

ANALYSIS: PCBWP PCB'S IN WIPES (DES 312-3)
DATE PRINTED: 97/08/06 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
AROCLOR 1221	[SL]
AROCLOR 1016/1242	[SL]
AROCLOR 1248	[SL]
AROCLOR 1254	[SL]
AROCLOR 1260	[SL]
AREA OF WIPE IN SQUARE METER	0.09 SQ. M.

*** END OF REPORT ***

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1997

PAGE 1

RESULTS OF EXAMINATION

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SAMPLE ID: 9701260 SAMPLE RECEIVED: 97/06/27/ CHARGE: 4.00
PROGRAM: 870: SUNY @ NEW PALTZ
SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
LATITUDE: LONGITUDE: Z DIRECTION:
LOCATION: SUNNY NEW PALTZ PCB SPILL
DESCRIPTION: TRIP BLANK SAMPLE #9701258,59
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: PCBA: PCBs in AIR
SAMPLE TYPE: 950: CONTROL - AIR CARTRIDGE BLANK
TIME OF SAMPLING: 97/06/24 : DATE PRINTED: 97/07/18

ANALYSIS: PCBA: PCBs IN AIR (DES 311-1)
DATE PRINTED: 97/07/18 FINAL REPORT

-----PARAMETER-----	-----RESULT-----
AROCLOR 1221	[ND]
AROCLOR 1016/1242	[ND]
AROCLOR 1248	[ND]
AROCLOR 1254	[ND]
AROCLOR 1260	[ND]
AIR VOLUME	NONE

**** END OF REPORT ****

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MARK KNUDSEN
C/O NY STATE DEPARTMENT OF HEALTH
MONTICELLO DISTRICT OFFICE
6 PRINCE ST.
MONTICELLO, NY 12701

SUBMITTED BY: KNUDSEN

RECEIVED
10

FAX TRANSMISSION COVER SHEET

NEW YORK STATE DEPARTMENT OF HEALTH
MONTICELLO DISTRICT OFFICE
6 PRINCE STREET,
MONTICELLO, NEW YORK 12701

FAX: 914-794-3165

TEL: 914-794-2045

INQUIRIES OR PROBLEMS REGARDING THIS TRANSMISSION REPORT SHOULD BE
ADDRESSED TO THE FOLLOWING AT THE ABOVE TELEPHONE.

THIS REPORT COMPRISES 9 PAGES INCLUDING THE COVER SHEET.

TO: Arnio Bernadini
SUNY New Paltz

FROM: Mark Kudler

SUBJECT: Preliminary Data

DATE: 4 / 10 / 97

0909

NEW YORK STATE DEPARTMENT OF HEALTH

405

WADSWORTH CENTER

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9700444 SAMPLE RECEIVED: 97/03/12/ CHARGE: 4.00
 PROGRAM: 870:SONY @ NEW PALTZ
 SOURCE ID: DRAINAGE BASIN:13 GAZETTEER CODE:5522
 POLITICAL SUBDIVISION:NEW PALTZ V. COUNTY:ULSTER
 LATITUDE: LONGITUDE: Z-DIRECTION:
 LOCATION: SONY NEW PALTZ
 DESCRIPTION:COYKENDALL TRANSFORMER VAULT
 REPORTING LAB: TOX:LAB FOR ORGANIC ANALYTICAL CHEMISTRY
 TEST PATTERN: PCBA-PCBS IN AIR
 SAMPLE TYPE: 902:AMBIENT AIR - INDOOR
 TIME OF SAMPLING: 97/03/11 DATE PRINTED:97/03/31

ANALYSIS: PCBA PCBS IN AIR (DES 311-1)
 DATE PRINTED: 97/03/31 FINAL REPORT

PARAMETER	RESULT
AROCLOR 1221	< 0.02 MCG/CU.M.
AROCLOR 1016/1242	< 0.02 MCG/CU.M.
AROCLOR 1248	< 0.02 MCG/CU.M.
AROCLOR 1254	< 0.02 MCG/CU.M.
AROCLOR 1260	< 0.02 MCG/CU.M.
AIR VOLUME	0.250 CU.M.

**** END OF REPORT ****

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NEW YORK STATE DEPARTMENT OF HEALTH

405

WADSWORTH CENTER

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9700445 SAMPLE RECEIVED: 97/03/12/ CHARGE: 4.00
 PROGRAM: 870: SUNY @ NEW PALTZ
 SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
 POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
 LATITUDE: LONGITUDE: Z DIRECTION:
 LOCATION: SUNY NEW PALTZ
 DESCRIPTION: SCUDDER HALL TRANSFORMER VAULT
 REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
 TEST PATTERN: PCBA: PCBs IN AIR
 SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
 TIME OF SAMPLING: 97/03/11 : DATE PRINTED: 97/03/31

ANALYSIS: PCBA: PCBs IN AIR (DES 31F-1)
 DATE PRINTED: 97/03/31 FINAL REPORT

PARAMETER	RESULT
AROCLOR 1221	< 0.02 MCG/CU.M.
AROCLOR 1016/1242	< 0.02 MCG/CU.M.
AROCLOR 1248	< 0.02 MCG/CU.M.
AROCLOR 1254	< 0.02 MCG/CU.M.
AROCLOR 1260	< 0.02 MCG/CU.M.
AIR VOLUME	0.260 CU.M.

*** END OF REPORT ***

NYS ELAP ID'S: 10762 (INORGANIC, NUCLEAR) 10763 (ORGANIC) 10765 (BACTERIOLOGY)
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MONTICELLO, NY 12701

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NEW YORK STATE DEPARTMENT OF HEALTH

405

WADSWORTH CENTER

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9700446 SAMPLE RECEIVED: 97/03/12/ CHARGE: 4.00
 PROGRAM: 870-SUNY @ NEW PALTZ
 SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
 POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
 LATITUDE: LONGITUDE: Z-DIRECTION:
 LOCATION: SUNY NEW PALTZ
 DESCRIPTION: GAGE HALL TRANSFORMER VAULT
 REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
 TEST PATTERN: PCBs/PCBs IN AIR
 SAMPLE TYPE: 902 AMBIENT AIR - INDOOR
 TIME OF SAMPLING: 97/03/11 : DATE PRINTED: 97/03/31

ANALYSIS: PCBs PCBs IN AIR (DES 311-1)
 DATE PRINTED: 97/03/31 FINAL REPORT

PARAMETER	RESULT
AROCLOL 1221	< 0.02 MCG/CU.M.
AROCLOL 1016/1242	< 0.02 MCG/CU.M.
AROCLOL 1248	< 0.02 MCG/CU.M.
AROCLOL 1254	< 0.02 MCG/CU.M.
AROCLOL 1260	< 0.02 MCG/CU.M.
AIR VOLUME	0.260 CU.M.

**** END OF REPORT ****

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NEW YORK STATE DEPARTMENT OF HEALTH

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WADSWORTH CENTER

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9700447 SAMPLE RECEIVED: 97/03/12/ CHARGE: 4.00
PROGRAM: 870-SUNY @ NEW PALTZ
SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
LATITUDE: LONGITUDE: Z-DIRECTION:
LOCATION: SUNY NEW PALTZ
DESCRIPTION: BLISS HALL TRANSFORMER VAULT
REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
TEST PATTERN: PCBs: PCBs IN AIR
SAMPLE TYPE: 902: AMBIENT AIR -- INDOOR
TIME OF SAMPLING: 97/03/10 DATE PRINTED: 97/03/31

ANALYSIS: PCBs: PCBs IN AIR (RES 311-1) FINAL REPORT
DATE PRINTED: 97/03/31

-----PARAMETER-----	-----RESULT-----
AROCLO 1221	< 0.02 MCG/CU.M.
AROCLO 1016/1242	< 0.02 MCG/CU.M.
AROCLO 1248	< 0.02 MCG/CU.M.
AROCLO 1254	< 0.02 MCG/CU.M.
AROCLO 1260	< 0.02 MCG/CU.M.
AIR VOLUME	0.210 CU.M.

**** END OF REPORT ****

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PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 970048 SAMPLE RECEIVED: 97/03/12 CHARGE: 4.00
 PROGRAM: 870-SUNY @ NEW PALTZ
 SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
 POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
 LATITUDE: LONGITUDE: Z-DIRECTION:
 LOCATION: SUNY NEW PALTZ
 DESCRIPTION: PARKER THEATER ELECTRIC ROOM
 REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
 TEST PATTERN: PCBA: PCBs IN AIR
 SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
 TIME OF SAMPLING: 97/03/10 DATE PRINTED: 97/03/31

ANALYSIS: PCBA PCBs IN AIR (DES 311-1)
 DATE PRINTED: 97/03/31 FINAL REPORT

PARAMETER	RESULT
AROCLOR 1221	< 0.02 MCG/CU.M.
AROCLOR 1016/1242	< 0.02 MCG/CU.M.
AROCLOR 1248	< 0.02 MCG/CU.M.
AROCLOR 1254	< 0.02 MCG/CU.M.
AROCLOR 1260	< 0.02 MCG/CU.M.
AIR VOLUME	0.210 CU.M.

**** END OF REPORT ****

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MONTICELLO, NY 12701

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WADSWORTH CENTER

PAGE 1

RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9700449 SAMPLE RECEIVED: 97/03/12 CHARGE: 4.00
 PROGRAM: 870; SUNY @ NEW PALTZ
 SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
 POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
 LATITUDE: LONGITUDE: Z DIRECTION:
 LOCATION: SUNY NEW PALTZ
 DESCRIPTION: BLISS HALL ELECTRIC ROOM
 REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
 TEST PATTERN: PCBA; PCBs IN AIR
 SAMPLE TYPE: 902; AMBIENT AIR - INDOOR
 TIME OF SAMPLING: 97/03/10 DATE PRINTED: 97/03/31

ANALYSIS: PCBA; PCBs IN AIR (DES 311-1)
 DATE PRINTED: 97/03/31 FINAL REPORT

PARAMETER	RESULT
AROCLOR 1221	< 0.02 MCG/CU.M.
AROCLOR 1016/1242	< 0.02 MCG/CU.M.
AROCLOR 1248	< 0.02 MCG/CU.M.
AROCLOR 1254	< 0.02 MCG/CU.M.
AROCLOR 1260	< 0.02 MCG/CU.M.
AIR VOLUME	0.200 CU.M.

**** END OF REPORT ****

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MARK KNUDSEN

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RESULTS OF EXAMINATION

FINAL REPORT

SAMPLE ID: 9700450 SAMPLE RECEIVED: 97/03/12/ CHARGE: 4.00
 PROGRAM: 870: SUNY @ NEW PALTZ
 SOURCE ID: DRAINAGE BASIN: 13 GAZETTEER CODE: 5522
 POLITICAL SUBDIVISION: NEW PALTZ V. COUNTY: ULSTER
 LATITUDE: LONGITUDE: Z DIRECTION:
 LOCATION: SUNY NEW PALTZ
 DESCRIPTION: PARKER THEATER THEATER TRANSFORMER VAULT
 REPORTING LAB: TOX: LAB FOR ORGANIC ANALYTICAL CHEMISTRY
 TEST PATTERN: PCBA: PCBs IN AIR
 SAMPLE TYPE: 902: AMBIENT AIR - INDOOR
 TIME OF SAMPLING: 97/03/10 DATE PRINTED: 97/03/31

ANALYSIS: PCBA PCBs IN AIR (DES: 311-1)
 DATE PRINTED: 97/03/31 FINAL REPORT

PARAMETER	RESULT
AROCLOR 1221	< 0.02 MCG/CU.M.
AROCLOR 1016/1242	< 0.02 MCG/CU.M.
AROCLOR 1248	< 0.02 MCG/CU.M.
AROCLOR 1254	< 0.02 MCG/CU.M.
AROCLOR 1260	< 0.02 MCG/CU.M.
AIR VOLUME	0.180 CU.M.

**** END OF REPORT ****

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MARK KNUDSEN

C/O NY STATE DEPARTMENT OF HEALTH

MONTICELLO DISTRICT OFFICE

6 PRINCE ST.

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SUBMITTED BY: KNUDSEN

COUNTY OF ULSTER

300 Flatbush Avenue
P.O. Box 1800
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Fax (914) 338-9130 ext. 298

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Masood Ansari, M.D.
Commissioner of Health

(914) 338-7019

Walter Dobushak, D.O.
Medical Examiner

(914) 338-6576



Patricia J. Cicale, R.N., M.S.
Director of Patient Services

(914) 338-9130

Dean N. Palen, P.E., M.B.A.
Director of Environmental Sanitation

(914) 338-8447

May 23, 1995

Dr. Alice Chandler, President
State University of New York at New Paltz
75 S. Manheim Blvd.
New Paltz, NY 12561

Dear Dr. Chandler:

In consultation with the New York State Department of Health, this department has reviewed past and recently received PCB wipe, Dioxin/Furan wipe, PCB air and Dioxin/Furan air sample results from Clean Harbors Analytical Services, Inc., ETC. Laboratories, Ltd., the Wadsworth Center for Laboratories and Research, Twin City Testing Corp. and C.T.M. Analytical Labs. for the Coykendall Science Building.

In previous correspondence regarding Coykendall Science Building, we have released the north basement, first floor, second floor and third floor. Most recently, we have reviewed data for the central basement, south basement and mechanical/electrical room. This most recent data is satisfactory. In recognition of the sample results being below the cleanup level and the isolation measures that are in place, the department will release Coykendall Science Building for general use.

If you have any questions regarding this recommendation, please contact me.

Sincerely yours,

Dean N. Palen, P.E., MBA
Public Health Director
Ulster County Health Department

DNP/ds

cc: Mark Knudsen, NYS Department of Health
William Held, NYS Office of General Services
Lindo Signorelli, SUNY Office for Capital Facilities
Paul Pukk, Clean Harbors
Allison Smith, Clean Harbors