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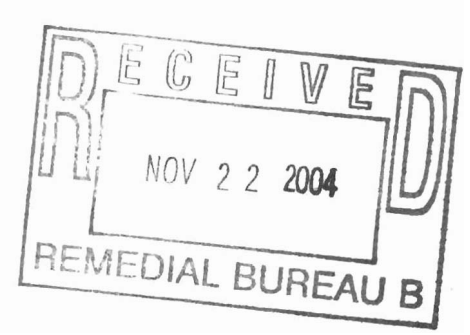
November 18, 2004

Mr. Kevin Sarnowicz
New York State Department of
Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7017



Re: Pre-Design Investigation
Work Assignment No. D003600-39
American Cleaners Site, Site No. 7-04-030
D&B No. 2216

Dear Mr. Sarnowicz:

The purpose of this correspondence is to present a summary of the activities and findings of the pre-design investigation that was undertaken in support of the remedial design program for the American Cleaners Site. The objectives of the pre-design investigation were to:

- Measure depth to the water table in existing on-site monitoring wells and piezometers to estimate the thickness of unsaturated soil beneath the building for use in calculating the volume of soil to be excavated during remediation,
- Complete an asbestos and lead-based paint survey to identify related demolition and disposal requirements for building material,
- Prepare a property boundary survey to serve as a base plan for the remedial design drawings, and
- Sample soil from beneath the basement floor slab for characterization for disposal.

It was agreed that the optional groundwater sampling identified in the work plan is not required at this time.

BACKGROUND

The American Cleaners Site is an abandoned dry cleaner located at 48-50 Walnut Street in the City of Binghamton, Broome County. The site is approximately 0.1 acre in size and is bounded on the north by a residential property, on the south by Seminary Avenue, on the east by a residential property and on the west by Walnut Street. The site is occupied by a 1-story masonry building that is attached to a 2-story wood-frame building, and a smaller masonry block building. The site location and layout are shown on Figures 1 and 2 in Attachment A.

The dry cleaner closed in 1991, and the site has been vacant since that time. During initial site investigations, tetrachloroethene (PCE) at concentrations up to 4,400 milligrams per kilogram (mg/kg) was detected in soil beneath the basement floor, and PCE in groundwater at concentrations of up to 24,000 micrograms per liter (µg/l) was detected. The American Cleaners Site was listed on the NYSDEC Registry of Inactive Hazardous Waste Disposal Sites (Site No. 7-04-30) in January 1999.

In November 2000, the NYSDEC conducted the initial phase of a remedial investigation (RI) at the site. The second phase of the RI was conducted in January and February 2001. The results of the RI were presented in a Remedial Investigation Report, dated July 2001. Based on the RI results, the contaminants of concern identified for this site are VOCs, in particular PCE, trichloroethene (TCE) and 1,2-dichloroethene (1,2-DCE). TCE and 1,2-DCE are breakdown products of PCE. Potential remedial alternatives were identified, screened and evaluated in a Feasibility Study (FS) Report, dated May 2002. In November 2002, the NYSDEC issued a Record of Decision (ROD) which identified the selected remedy for the site. The selected remedy includes the following elements:

- Demolition of all aboveground and below-ground structures;
- Excavation and off-site disposal of contaminated soil; and
- Site restoration, including backfill of open excavations and foundation areas, grading, placement of 6 inches of topsoil and seeding.

PRE-DESIGN INVESTIGATION ACTIVITIES

As discussed above, the purpose of the pre-design investigation was to evaluate certain existing conditions on-site and off-site and collect the information required for the design of the selected remedial alternative. This section of the summary presents an overview of the field activities and techniques used to investigate the American Cleaners Site. The field investigation was conducted in accordance with the NYSDEC approved Remedial Design Project Management Work Plan (D&B, June 2004).

The field program was completed in three phases. The first phase was conducted in July 2004 and consisted of asbestos and lead-based paint surveys along with the collection of soil samples from beneath the concrete basement floor of the American Cleaners building. The second phase of the investigation was completed in August 2004 and consisted of a property boundary survey, and the existing wells were surveyed. The third phase of the investigation was conducted in September 2004 and consisted of the collection of soil vapor samples beneath the basement floor slabs of residences adjacent to the site.

The asbestos and lead-based paint surveys were conducted on July 19 and 20, 2004. Twenty-one (21) suspect asbestos-containing materials (SACM) were collected and analyzed for asbestos content. In addition, materials were visually inspected to evaluate whether they were homogeneous with the samples collected. SACM samples were "wetted" to minimize fiber release and were removed using field-decontaminated hand tools. SACM samples were analyzed by AmeriSci New York using USEPA Methods 198.1 (Polarized Light Microscopy) and 198.4 (Transmission Electron Microscopy). Thirty-one (31) paint chip samples were collected and analyzed for lead-based paint. In addition, painted surfaces were visually inspected to note their equivalence to the samples collected. Paint chip samples were removed from substrate materials using field-decontaminated scrapers. Paint chip samples were analyzed by AmeriSci Boston using USEPA Method 7420.

Also included as part of the first phase of the pre-design investigation program was the collection of subsurface soil samples for waste disposal characterization. Three subsurface soil samples (CS-1, CS-2 and CS-3) were collected from beneath the concrete floor in the basement. The concrete was removed using an electric hammer drill equipped with a chisel bit to cut an approximately 6-inch by 6-inch hole in the floor. Soil was removed from beneath the floor using a disposable sterile scoop. Sample locations are shown on Figure 2 (Attachment A). The samples were analyzed for Toxicity Characteristic Leaching Procedure (TCLP) VOCs, TCLP semivolatile organic compounds (SVOCs), TCLP pesticides/herbicides, TCLP metals, PCBs, reactivity and ignitability. In addition the samples were subjected to a paint filter test to determine if they contained any free liquid.

The second phase of the pre-design investigation involved the preparation of a base map and certified property survey of the site. The survey for the site was compiled from an on-site ground control survey. Site features on the map include roads, buildings and monitoring wells. Monitoring wells were surveyed to the nearest 0.01 feet for location and elevation. The survey was prepared in the New York State Plane (NYSP) coordinate system (NAD 1983 and NAVD 1988). The map was created using AutoCad® and is included as Attachment C.

The third phase of the pre-design investigation included the collection of sub-slab soil vapor samples, which was conducted at the request of the Broome County Department of Health. Sub-slab soil vapor samples were collected beneath the houses adjacent to the north and east of the

American Cleaners Site in order to evaluate the need for mitigation systems. The locations of the houses sampled are shown on Figure 2 (Attachment A). The sub-slab soil vapor samples were collected by drilling a $^{9}/_{16}$-inch diameter hole through the concrete basement floor to a depth of approximately 1.5 feet below grade. A 1-inch diameter hole was then drilled approximately 1-inch into the upper surface of the concrete basement floor. A Teflon™ tube was placed in the hole, sealed with bentonite, connected to an air sampling pump and purged until photoionization detector (PID) readings were constant. The air sampling pump was then disconnected and the Teflon™ tube was connected to the sample canister and allowed to fill. Samples were collected with 6-liter Summa® canisters and analyzed for chlorinated VOCs, benzene, toluene, ethylbenzene and xylene (BTEX) and methyl-tert-butyl ether (MTBE) by Method TO-15 using selective ion monitoring. Sample canisters were set up to collect air samples for one hour.

In addition, over the course of the pre-design investigation, water levels were periodically measured in the monitoring wells located at the site. Water level measurement rounds were conducted at times of relatively stable weather conditions and within as short a period as possible in order to provide a synoptic view of groundwater conditions. In general, water level measurements were completed in less than one hour. Depth to water measurements and survey data were used to calculate groundwater elevations and to prepare water table maps.

FINDINGS

Asbestos containing material is any material or product, which contains more than 1% asbestos by weight. Eight samples analyzed contained more than 1% asbestos. Detailed descriptions of these materials are presented in a report entitled "*Inspection for Asbestos Containing Materials and Lead-Based Paint*" prepared by YEC, Inc. and included as Attachment D. Based on the asbestos investigation, 2,297 sq. ft. and 82 linear feet of asbestos containing material were found on site.

Lead-based paint is defined as paint or other surface coatings that contain lead equal to or in excess of 1.0 milligram per square centimeter or more than 0.5 percent by weight. Ten samples analyzed contained more than 0.5 percent lead by weight. Detailed descriptions of confirmed lead-based paint and paint equivalents are also presented in the report entitled "*Inspection for Asbestos Containing Materials and Lead-Based Paint*" prepared by YEC, Inc.

Three soil samples (CS-1, CS-2 and CS-3) were collected during the pre-design investigation for the purpose of characterizing soil for disposal during the implementation of the remedy. Tabulated results of the soil analyses are presented in Attachment B on Tables 1a, 1b, 1c, 1d, 1e and 1f. Tetrachloroethene was detected above regulatory limits (700 µg/l) in one soil sample (CS-2) at a concentration of 920 µg/l. There were no other VOCs detected above regulatory limits in the soil samples. SVOCs, pesticides, herbicides, PCBs, metals, flashpoint, cyanides and

sulfides were not detected above regulatory limits in the soil samples. In addition, free liquids were not present in the samples.

Subsequent to development of the project work plan, the Broome County Department of Health requested that collection and analysis of soil vapor samples beneath the concrete basement floor slabs of houses adjacent to the American Cleaners Site be incorporated into the investigation. Accordingly, sub-slab soil vapor samples were collected in two nearby houses during the pre-design investigation. Samples were analyzed for chlorinated VOCs, BTEX and MTBE. The results of the sub-slab soil vapor analyses are presented in Table 2a in Attachment B, and discussed below.

VOCs detected in at least one of the two sub-slab soil vapor samples collected during the September 2004 sampling event included benzene, ethylbenzene, tetrachloroethene, toluene, 1,1,1-trichloroethane, trichloroethene, m- and p-xylenes and o-xylene. VOCs detected in sample A-1 included tetrachloroethene (4,600 micrograms per cubic meter [$\mu g/m^3$]), toluene (5.2 $\mu g/m^3$) and trichloroethene (150 $\mu g/m^3$). VOCs detected in sample A-2 included benzene (0.76 $\mu g/m^3$), ethylbenzene (0.18 $\mu g/m^3$), tetrachloroethene (18 $\mu g/m^3$), toluene (1.5 $\mu g/m^3$), 1,1,1-trichloroethane (0.42 $\mu g/m^3$), m&p-xylenes (0.77 $\mu g/m^3$) and o-xylene (0.24 $\mu g/m^3$).

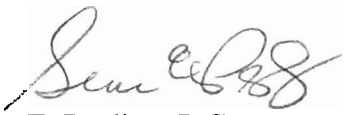
Water levels were measured on July 19, 2004, August 27, 2004 and September 14, 2004, using an electronic water level indicator. Depth to groundwater measurements were used to calculate groundwater elevations at the site (Table 3, Attachment B). Water table elevation contour maps (Figures 3, 4 and 5, Attachment A) were constructed using the water level measurements for each of the three days. Based on the results of each of the three water table measurement events, the direction of groundwater flow at the site is to the north-northeast.

CONCLUSIONS

As described above, the pre-design investigation activities identified in the remedial design work plan for the American Cleaners Site have been completed. Preparation of the 30% complete remedial design package, incorporating the results of the pre-design investigation, is proceeding accordingly.

If you should have any questions regarding this report, please contact me at (315) 437-1142.

Very truly yours,



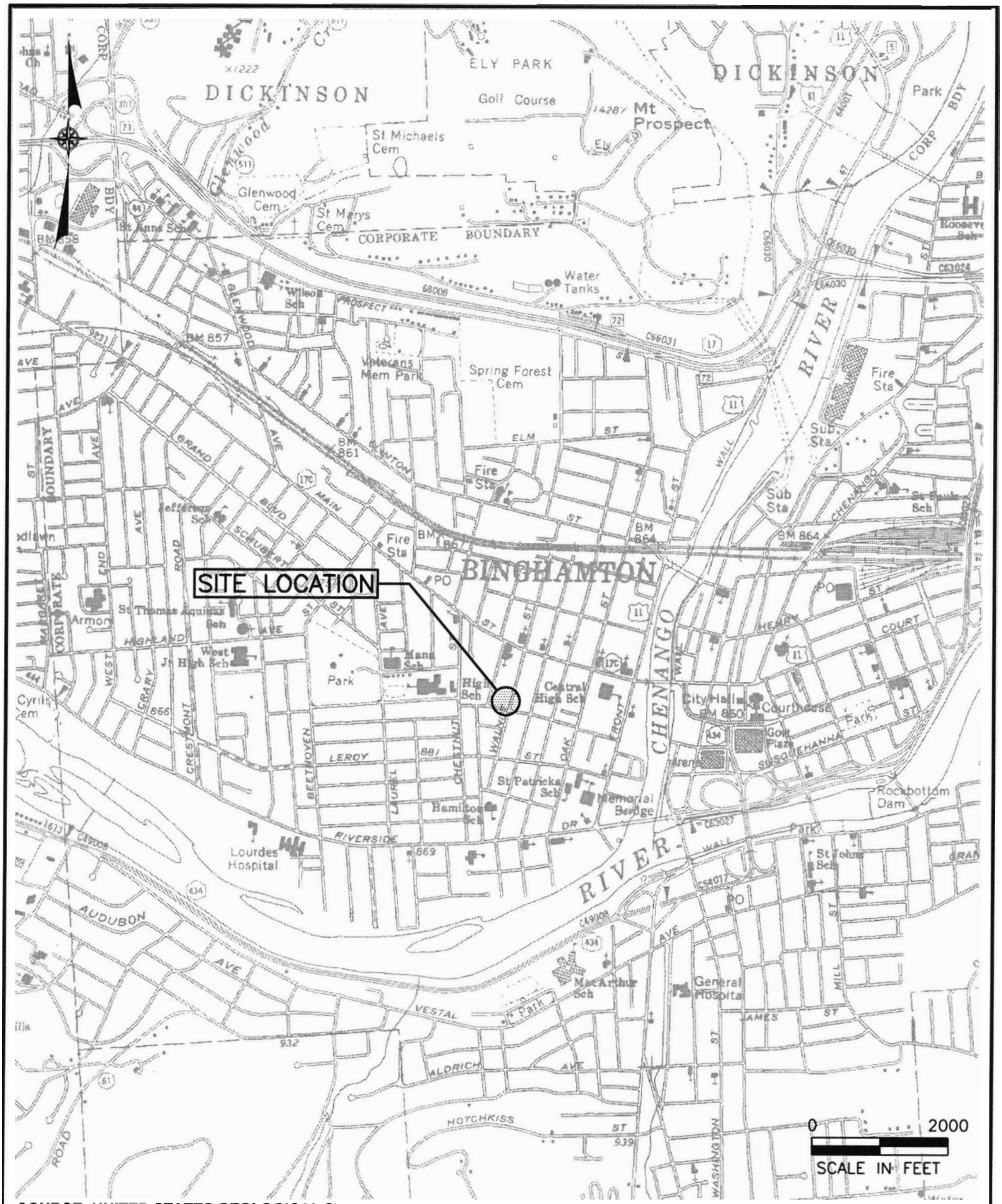
Sean E. Pepling, P.G.
Associate

Attachments

SEP:ihm

cc: R. Walka (D&B)
D. Glass (D&B)

ATTACHMENT A
FIGURES



SOURCE: UNITED STATES GEOLOGICAL SURVEY BINGHAMTON WEST QUADRANGLE

AMERICAN CLEANERS SITE REMEDIAL DESIGN
BINGHAMTON, NEW YORK

SITE LOCATION MAP

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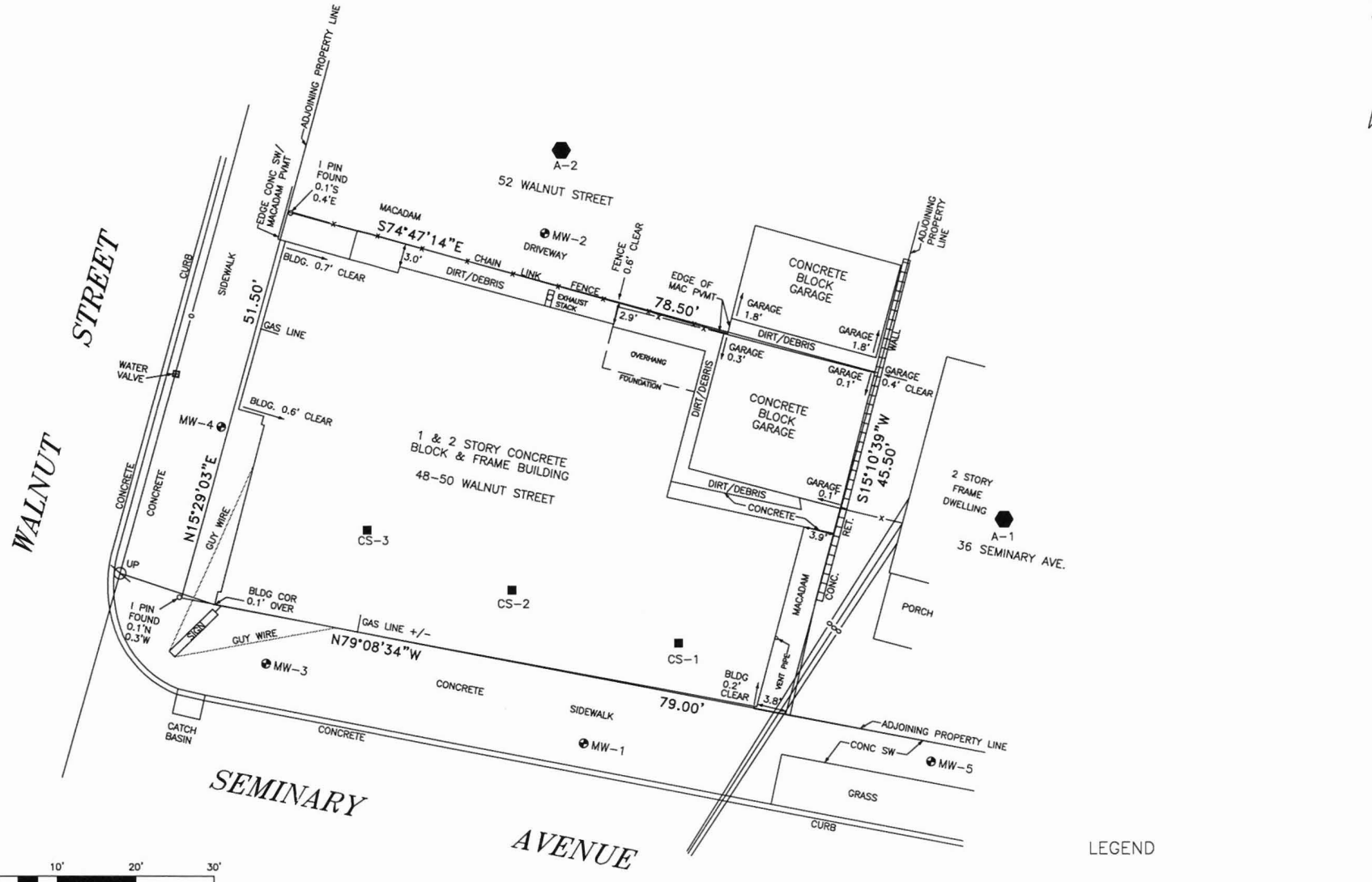
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

FIGURE 1



NOTE: HOUSE AT 52 WALNUT STREET NOT SHOWN

2216\amercleaners pre-design inv base sep.dwg

Dvirka and Bartilucci
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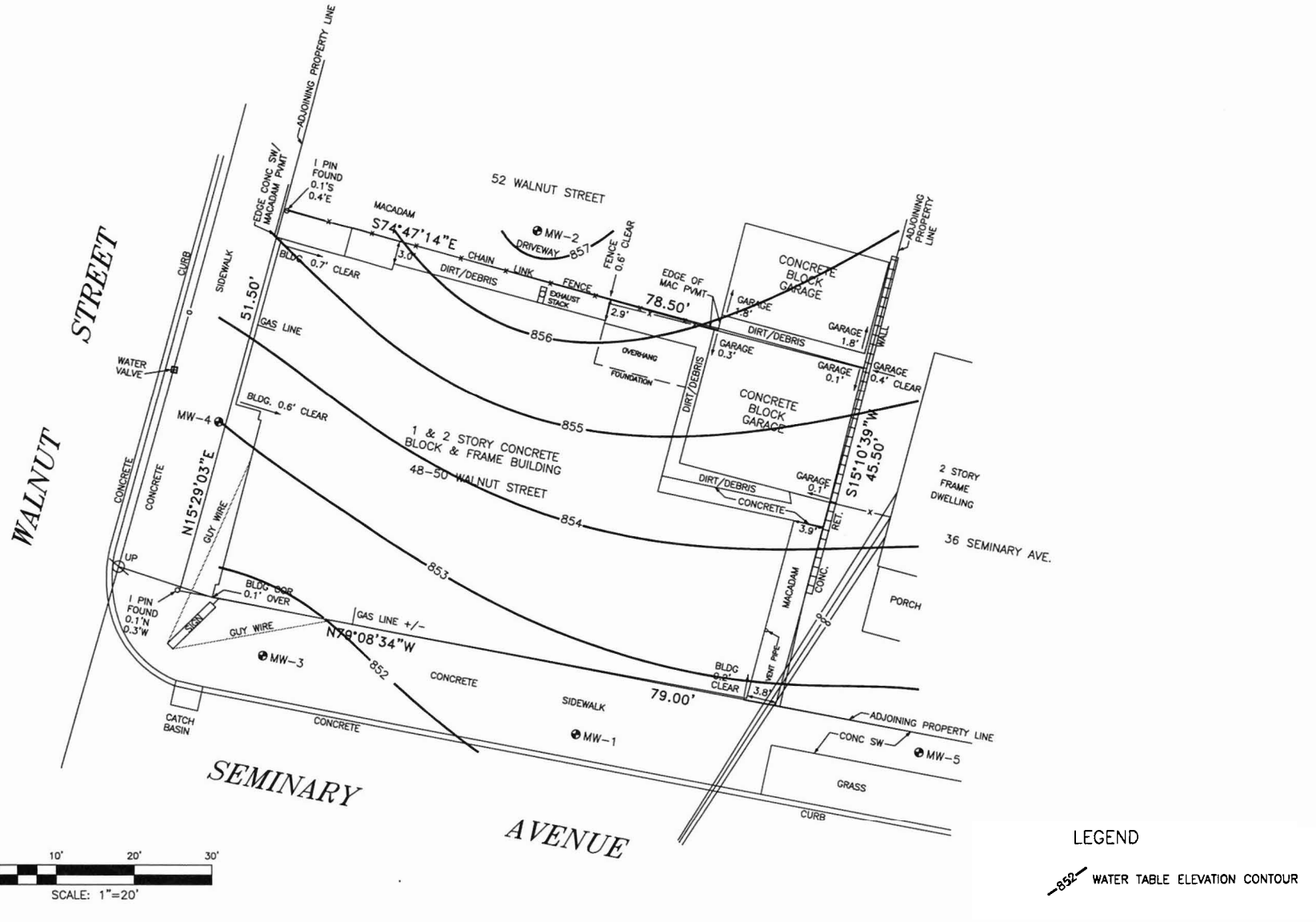
A Division of William F. Cosulich Associates, P.C.

AMERICAN CLEANERS SITE
BINGHAMTON, NEW YORK

SITE LAYOUT AND SAMPLE LOCATIONS

FIGURE 2



AMERICAN CLEANERS SITE
BINGHAMTON, NEW YORK

WATER TABLE ELEVATION CONTOUR MAP – JULY 19, 2004

FIGURE 3

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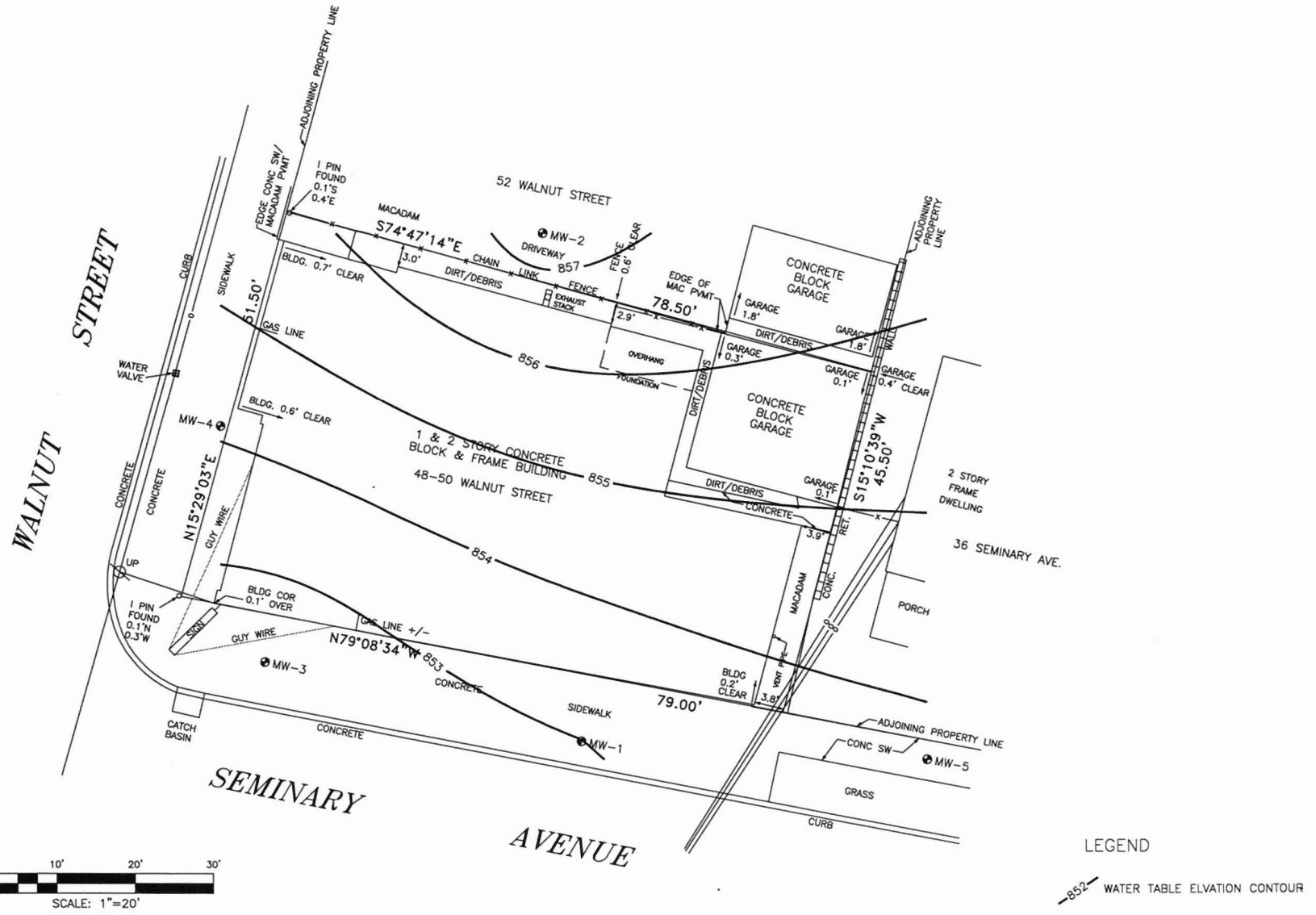

AMERICAN CLEANERS SITE
BINGHAMTON, NEW YORK

WATER TABLE ELEVATION CONTOUR MAP – AUGUST 27, 2004

FIGURE 4

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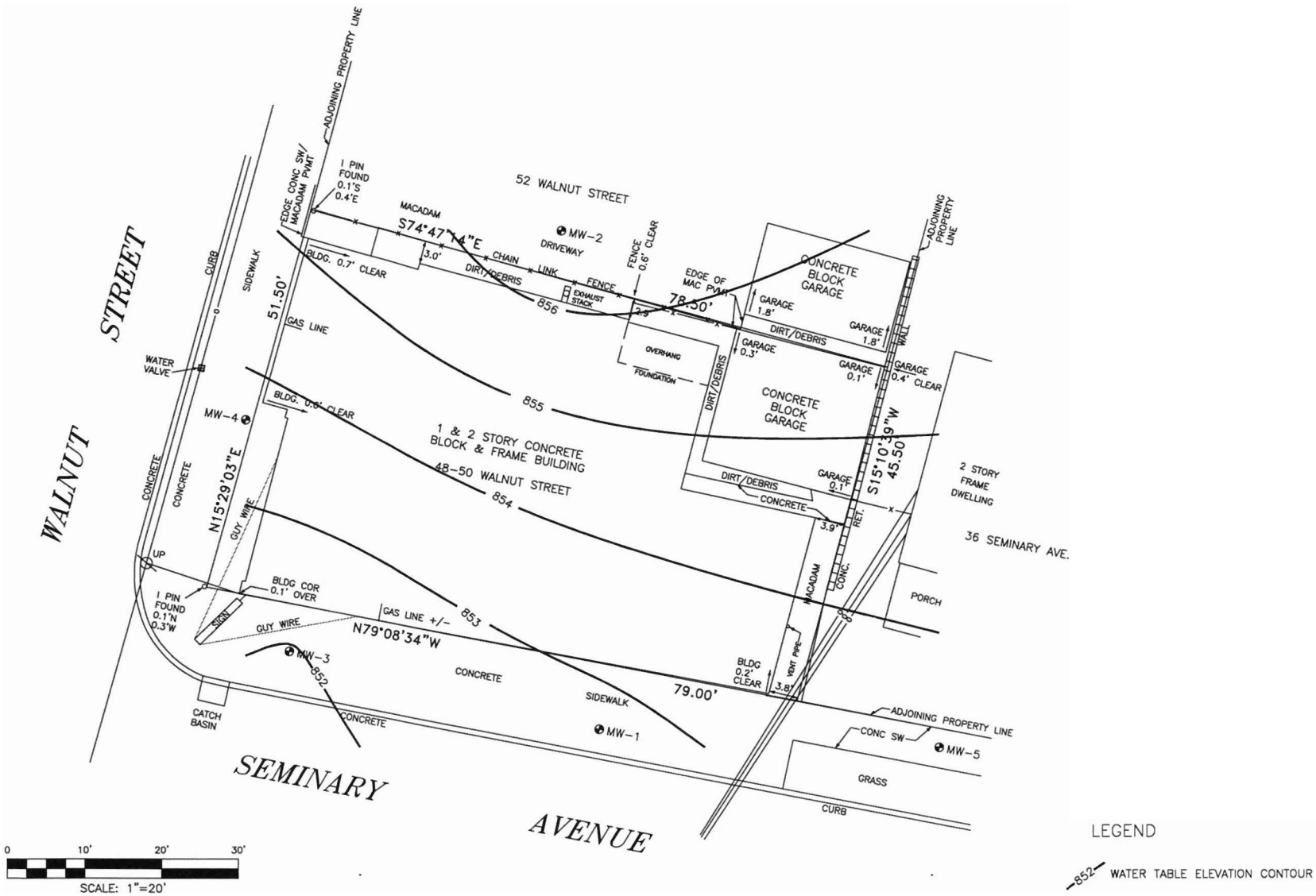

AMERICAN CLEANERS SITE
BINGHAMTON, NEW YORK

WATER TABLE ELEVATION CONTOUR MAP – SEPTEMBER 14, 2004

FIGURE 5

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Consulting Engineers
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ATTACHMENT B
TABLES

TABLE 1a.
AMERICAN CLEANERS SITE
PRE-DESIGN INVESTIGATION
WASTE CHARACTERIZATION SAMPLE RESULTS - JULY 2004
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
VOLATILE ORGANIC COMPOUNDS

Sample Identification	CS-1	CS-2	CS-3	Contract Required Detection Limit	TCLP Regulatory Level*
Date of Collection	07/19/04	07/19/04	07/19/04		
Dilution Factor	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Vinyl Chloride				5	200
1,1-Dichloroethene	U	U	U	5	700
2-Butanone	U	U	U	5	200,000
Chloroform	U	U	U	5	6,000
Carbon Tetrachloride	U	U	U	5	500
1,2-Dichloroethane	U	U	U	5	500
Benzene	U	U	U	5	500
Trichloroethene	U	3 J	U	5	500
Tetrachloroethene	10	**920 D**	200 D	5	700
Chlorobenzene	U	U	U	5	100,000
Total VOCs	10	923	200		

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound found in the method blank as well as the sample

J: Compound found at a concentration below the CRDL, value estimated

D: Result is taken from reanalysis at a secondary dilution

NOTES:

*: 40 CFR Part 261

Indicates value exceeds regulatory level.

TABLE 1b.
AMERICAN CLEANERS SITE
PRE-DESIGN INVESTIGATION
WASTE CHARACTERIZATION SAMPLE RESULTS - JULY 2004
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
SEMIVOLATILE ORGANIC COMPOUNDS

Sample Identification	CS-1	CS-2	CS-3	Contract Required Detection Limit	TCLP Regulatory Level*
Date of Collection	07/19/04	07/19/04	07/19/04		
Dilution Factor	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
1,4-Dichlorobenzene	U	U	U	33	7,500
2-Methylphenol	U	U	U	33	200,000
4-Methylphenol	U	U	U	33	200,000
Hexachloroethane	U	U	U	33	3,000
Nitrobenzene	U	U	U	33	2,000
Hexachlorobutadiene	U	U	U	33	500
2,4,6-Trichlorophenol	U	U	U	33	2,000
2,4,5-Trichlorophenol	U	U	U	67	400,000
2,4-Dinitrotoluene	U	U	U	33	130
Hexachlorobenzene	U	U	U	33	130
Pentachlorophenol	U	U	U	67	100,000
Pyridine	U	U	U	33	5,000
Total SVOCs	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
*: 40 CFR Part 261
Indicates value exceeds regulatory level.

TABLE 1c.
AMERICAN CLEANERS SITE
PRE-DESIGN INVESTIGATION
WASTE CHARACTERIZATION SAMPLE RESULTS - JULY 2004
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
PESTICIDES/HERBICIDES

Sample Identification	CS-1	CS-2	CS-3	Contract Required Detection Limit	TCLP Regulatory Level*
Date of Collection	07/19/04	07/19/04	07/19/04		
Dilution Factor	1.0	1.0	1.0		
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
gamma-BHC (Lindane)	U	U	U	0.17	400
Heptachlor	U	U	U	0.17	8
Heptachlor epoxide	U	U	U	0.17	8
Endrin	U	U	U	0.33	20
Methoxychlor	U	U	U	1.7	10,000
Toxaphene	U	U	U	17	500
Chlordane	U	U	U	8.3	30
2,4-D	U	U	U	3.3	10,000
2,4,5-TP (Silvex)	U	U	U	0.33	1,000
Total Pesticides	0	0	0		

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated

NOTES:
*: 40 CFR Part 261
Indicates value exceeds regulatory level.

TABLE 1d.
AMERICAN CLEANERS SITE
PRE-DESIGN INVESTIGATION
WASTE CHARACTERIZATION SAMPLE RESULTS - JULY 2004
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
INORGANIC PARAMETERS

Sample Identification	CS-1	CS-2	CS-3	Instrument	TCLP
Date of Collection	07/19/04	07/19/04	07/19/04	Detection	Regulatory
Dilution Factor	1.0	1.0	1.0	Limit	Level*
Units	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
Arsenic	7.3 B	8.9 B	7.6 B	3	5,000
Barium	298	561	508	1	100,000
Cadmium	1.0 B	2.3 B	2.6 B	1	1,000
Chromium	1.2 B	U	3.2 B	1	5,000
Lead	10.2	131	144	2	5,000
Mercury	U	U	U	0.2	200
Selenium	1.1 B	U	U	4	1,000
Silver	4.5 B	69.6	62.6	1	5,000

QUALIFIERS:
U: Compound analyzed for but not detected
B: Compound concentration is less than the CRDL but greater than the IDL.

NOTES:
*: 40 CFR Part 261
Indicates value exceeds regulatory level.

TABLE 1e.
AMERICAN CLEANERS SITE
PRE-DESIGN INVESTIGATION
WASTE CHARACTERIZATION SAMPLE RESULTS - JULY 2004
PCBs

Sample Identification	CS-1	CS-2	CS-3	Contract Required Detection Limit	Regulatory Level*
Date of Collection	07/19/04	07/19/04	07/19/04		
Dilution Factor	1.0	1.0	1.0		
Percent Moisture	30	30	30		
Units	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
Aroclor-1016	U	U	U	1.0	50,000
Aroclor-1221	U	U	U	2.0	50,000
Aroclor-1232	U	U	U	1.0	50,000
Aroclor-1242	U	U	U	1.0	50,000
Aroclor-1248	U	U	U	1.0	50,000
Aroclor-1254	U	U	210 P	1.0	50,000
Aroclor-1260	U	U	U	1.0	50,000
Total PCBs	0	0	210		50,000

QUALIFIERS:
U: Compound analyzed for but not detected
J: Compound found at a concentration below the CRDL, value estimated
P: Greater than 25% difference for detected concentrations between the two GC columns

NOTES:
*: 6 NYCRR Part 371
Indicates value exceeds regulatory level.

TABLE 1f.
AMERICAN CLEANERS SITE
PRE-DESIGN INVESTIGATION
WASTE CHARACTERIZATION SAMPLE RESULTS - JULY 2004
IGNITABILITY/REACTIVITY/PH/PAINT FILTER

Sample Identification	CS-1	CS-2	CS-3	Instrument Detection Limit	Regulatory Level*
Date of Collection	07/19/04	07/19/04	07/19/04		
Cyanide, reactive (mg/kg)	U	U	U	3.5	
Flashpoint (deg F)	U	U	U	200	<140 F
Sulfides, reactive (mg/kg)	U	U	U	3.5	
Free liquid (ml/100g)	U	U	U	1	

QUALIFIERS:
U: Compound analyzed for but not detected

NOTES:
*: 40 CFR Part 261
Indicates value exceeds regulatory level.

TABLE 2a.
AMERICAN CLEANERS SITE
PRE-DESIGN INVESTIGATION
SOIL VAPOR SAMPLE RESULTS - SEPTEMBER 2004
VOLATILE ORGANIC COMPOUNDS

Sample Location	36 Seminary	52 Walnut
Sample Identification	A1	A2
Sample Type	subslab	subslab
Date Collected	9/14/04	9/14/04
Units	$\mu g/m^3$	$\mu g/m^3$
Vinyl chloride	U	U
1,1-Dichloroethene	U	U
1,1-Dichloroethane	U	U
cis-1,2-Dichloroethene	U	U
1,1,1-Trichloroethane	U	0.42
Benzene	U	0.76
1,2-Dichloroethane	U	U
Trichloroethene	150	U
Toluene	5.2	1.5
1,1,2-Trichloroethane	U	U
Tetrachloroethylene	4600	18
Ethylbenzene	U	0.18
m,p-Xylene	U	0.77
o-Xylene	U	0.24
1,1,2,2-Tetrachloroethane	U	U
trans-1,2-Dichloroethene	U	U
Methyl tert-butyl ether	U	U

QUALIFIERS:
U: Compound analyzed for but not detected
J*: Result qualified as estimated, possibly biased high based on ambient conditions
D: Result taken from reanalysis at a secondary dilution

TABLE 3
AMERICAN CLEANERS SITE
PRE-DESIGN INVESTIGATION
WATER LEVEL MEASUREMENT SUMMARY

WELL	GROUND ELEVATION (ft MSL)	REFERENCE ELEVATION (ft MSL)	TOP OF SCREEN (ft BG)	BOTTOM SCREEN (ft BG)	DATE											
					11/27/00		1/31/01		2/15/01		7/19/04		8/27/04		9/14/04	
					DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
MW-1	869.3	868.77	10.0	15.0	16.89	851.88	16.67	852.10	16.30	852.47	16.41	852.36	15.78	852.99	16.06	852.71
MW-2	867.1	866.69	11.1	21.1	12.04	854.65	11.64	855.05	11.21	855.48	9.33	857.36	9.31	857.38	9.89	856.80
MW-3	868.8	867.92	12.2	27.2	17.28	850.64	17.03	850.89	16.51	851.41	16.52	851.40	15.73	852.19	15.98	851.94
MW-4	868.1	867.57	16.0	26.0	NI	NI	NI	NI	15.53	852.04	14.58	852.99	13.45	854.12	13.97	853.60
MW-5	870.1	869.79	18.0	28.0	NI	NI	NI	NI	16.98	852.81	17.21	852.58	16.06	853.73	16.31	853.48
PZ-1	860.2	860.92	0.0	4.0	NI	NI	NI	NI	NI	NI	3.52	857.40	3.30	857.62	3.40	857.52
PZ-2	860.4	861.07	0.0	3.0	NI	NI	NI	NI	NI	NI	3.53	857.54	3.47	857.60	3.71	857.36
PZ-3	860.5	861.48	0.0	2.0	NI	NI	NI	NI	NI	NI	2.46	859.02	1.87	859.61	1.82	859.66
PZ-4	860.5	861.24	0.0	1.5	NI	NI	NI	NI	NI	NI	1.85	859.39	1.57	859.67	1.49	859.75
PZ-5	860.5	861.35	0.0	1.5	NI	NI	NI	NI	NI	NI	1.86	859.49	1.67	859.68	1.62	859.73

NOTES:

ft MSL - feet above mean sea level.

ft BG - feet below ground.

DTW - depth to water in feet relative to top of well casing.

ELEV - groundwater elevation in feet above mean sea level.

NI - not installed.

ATTACHMENT C
SURVEY MAP

ATTACHMENT D
ASBESTOS AND LEAD-BASED PAINT SURVEY

YEC, INC./YEC ENGINEERING, P.C.
Clarkstown Executive Park
612 Corporate Way, Suite 4M
Valley Cottage, NY 10989
Tel: (845) 268-3203 Fax: (845) 268-5313

November 10, 2004

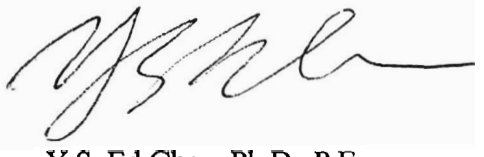
David Glass
Dvirka & Bartilucci Consulting Engineers
3000 Hadley Road, 3rd Floor
South Plainfield, NJ 07080

Re: Final Report – Asbestos/Lead Inspection – American Cleaners Site

Dear Mr. Glass:

As requested, we are enclosing a final bound copy of the above-referenced report. Please feel free to contact me if you require anything further.

Very truly yours



Y.S. Ed Chen, Ph.D., P.E.
President, YEC, Inc.

cc: Sean Pepling, Dvirka & Bartilucci (unbound copy)

INSPECTION FOR ASBESTOS CONTAINING MATERIALS AND LEAD-BASED PAINT

Performed at:

American Cleaners
48-50 Walnut Street
Binghamton, NY

Performed for:

Dvirka & Bartilucci Consulting Engineers
P.O. Box 56
5879 Fisher Road
E. Syracuse, NY 13057-0056

Prepared by:

YEC, Inc.
612 Corporate Way, Suite 4M
Valley Cottage, New York 10989

Project # D003600

November 2004

Executive Summary

YEC, Inc. was hired by D&B Engineering Consultants under NYS Superfund Standby Contract # D003600 to conduct an Asbestos and Lead-based Paint (LBP) and Asbestos inspection on the three structures located on the American Cleaners Site, Binghamton, NY. The structures, a two-story wood frame house, a one story concrete building, and a concrete garage, were to be demolished as part of a remedial design project

YEC field personnel collected twenty-one (21) suspect asbestos-containing materials (SACM) to be analyzed for asbestos content and visually inspected materials homogeneous with the samples collected. Asbestos is any material or product, which contains more than 1% asbestos. Eight samples analyzed contained more than 1% asbestos. All other structural materials were not SACM. Based on the asbestos investigation, 2,297 sq. ft. and 82 linear feet of asbestos were found on site. Detailed descriptions of confirmed ACM and homogeneous areas are noted in Table 2-1 and Appendix B.

YEC field personnel collected thirty-one (31) paint chip samples to be analyzed for LBP and visually inspected all the painted surfaces to note their equivalence to the samples taken. LBP is defined as paint or other surface coatings that contain lead equal to or in excess of 1.0 milligram per square centimeter or more than 0.5 percent by weight. Ten samples analyzed contained more than 0.5 percent lead by weight. Detailed descriptions of confirmed LBP and paint equivalents are noted in Table 3-1 and Appendix D.

SACM samples were submitted to AmeriSci New York (NYSDOH ELAP Lab Certification # 10984) following ELAP 198.1 PLM and 198.4 TEM methods of analysis. Paint chip samples collected by YEC field personnel were removed from substrate materials using field-decontaminated scrapers. Paint chip samples were sent to AmeriSci Boston (NYSDOH ELAP Lab Certification # 10982) and were analyzed using the 7420, SW-846 method. SACM samples were watered down to minimize fiber release and were removed using field-decontaminated hand tools.

Removal of asbestos will be required in accordance with applicable NYS regulations prior to the demolition of the building. The LBP coated materials can be disposed of in a construction and demolition landfill per EPA Final Rule - Federal Register: June 18, 2003 (Volume 68, Number 117) and NYSDEC TAGM SW-89-2002 so long as the paint is not removed from its substrate.

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1.0 INTRODUCTION

YEC, Inc. was hired by D&B Engineering Consultants under NYS Superfund Standby Contract # D003600 to conduct an Asbestos and Lead-based Paint (LBP) investigation on the American Cleaners Site. The Site contains structures that are to be demolished as part of a remedial design project.

The American Cleaners Site is located in a residential neighborhood at 48-50 Walnut Street, Binghamton, New York. There are three structures located on the site: a two-story wood frame house attached to a one story concrete building and a concrete garage. The two-story house with a pitched roof was constructed in the 1930's/1940's. A one-story concrete block building with a flat roof, parapet wall, and windowed roof protrusions was added to the wood frame house later to facilitate dry cleaning. Basements were associated with both structures and were connected at the time of the investigation. A concrete garage with a flat roof and a parapet wall was also constructed on the property during or after the concrete block building was built. The approximate square footage of each floor of the wooden frame house was (800 sq.ft.), concrete block building was (1900 sq.ft.), concrete garage was (360 sq.ft.), combined basement was (2700 sq.ft.). The entire structure was abandoned and boarded up. No utility service existed at the time of the investigation.

YEC conducted the Asbestos and Lead-based Paint investigation on July 19-20, 2004.

2.0 Asbestos Inspection

YEC, Inc. conducted an asbestos inspection for the presence of Asbestos Containing Materials (ACM) on the three structures located at the American Cleaners Site, Binghamton, NY on July 19-20, 2004. The inspector responsible for this project was John LoMonaco, NYS Inspector #98-19479. A copy of his certification and YEC's Asbestos Handling License is located in Appendix A.

The inspection was characterized by a close visual inspection of all accessible areas of the structures located on the site to identify any structural building materials considered asbestos-containing materials. Suspect materials found were sampled and inventoried for color, quantity, condition, and material type. See Figures 1-4, pages 16-19 for location of samples and Appendix B for a summary of field notes taken during inspection. YEC field personnel collected twenty-one (21) suspect asbestos-containing materials (SACM) to be analyzed for asbestos content and visually inspected materials homogeneous with the samples collected. SACM samples were watered down to minimize fiber release and were removed using field-decontaminated field tools. Materials suspected to contain asbestos included:

Roofs – roof tar, tar paper, tar patching, hair-like, insulation, roof shingles

Exterior – window glaze, siding shingles, chimney stack insulation, chimney mortar

1st Floor – floor tile and mastic, gypsum board, wiring associated with metal switch boxes, outlets and heat control panels, interior window glaze, decorative floor paper, pipe insulation, cloth wire insulation

2nd Floor – gypsum board, wiring associated with metal switch boxes, outlets and heat control panels

Basement of concrete building – cloth wire insulation

Basement of house (includes boiler room and storage room) – pipe insulation, cloth wire insulation, cementitious plaster, chimney mortar

Samples were placed in ziplock bags and shipped via Federal Express to AmeriSci New York (NYSDOH ELAP Lab Certification # 10984 – see Appendix A for a copy of laboratory certification) for analysis. Analysis was performed following ELAP 198.1 PLM and 198.4 TEM methods. Any material or product, which contained more than 1% asbestos was considered to be asbestos containing. Eight samples analyzed contained more than 1% asbestos. The following areas were found to contain asbestos:

Roof

Grey tar patching material – located on flat roof of concrete building (215 sq.ft.) (Sample AC-04)

White window glaze – located on 10 wooden window frames associated with the protrusions (skylights) on the flat roof of concrete building (50 LF) (Sample AC-10)

Exterior

White shingles (painted gray) – located on west and east exterior of 2nd floor of house, and on east exterior of 1st floor of house (1080 sq.ft) (Sample AC-07)

Chimney insulation (white) – located on cylindrical chimney stack that runs vertically on exterior north face of house (20 LF) (Sample AC-21)

1st Floor

9" x 9" floor tile and mastic – located on Room A, concrete building (500 sq.ft. of each material) (Samples AC-11,12)

Pipe insulation – located on 2 vertical pipes in NW corner of Room 6, house (12 LF) (Sample AC-19)

Basement

Pipe insulation – located at east wall ceiling in boiler pit room in basement under house (2 sq.ft.) (Sample AC-14)

There was some suspect wiring throughout all sections of the concrete and wood frame buildings. Sample AC-20 was taken from 3 distinctly different areas of the building (Room B-4 electric panel, Boiler Pit Room electric panel, and light switch in Room 4) and yielded negative results. Thus, the wiring throughout all the walls of the building was considered non ACM.

Table 2-1 summarizes the samples taken during the inspection and their results. Laboratory results can be found in Appendix C. Based on the asbestos investigation, 2,297 sq. ft. and 82 linear feet of asbestos were found on site.

No other structural materials found were suspected to contain ACM. These materials included:

Concrete, etc. - brick, cement, and porcelain portions of parapet wall, concrete walls, concrete ceilings, concrete floors, concrete foundation, stone exterior walls, brick exterior walls

Vinyl – exterior siding

Wood - doors, door frames, windows, floors, ceilings, stairs, wood banisters, attic, baseboards, plywood on boarded up windows, telephone pole wire tie-in, wood roof layer

Metal – flues, aluminum gutter, aluminum shroud, metal wood frames billboard and roof brackets, switchboxes, outlets and heat control panels, metal fans, tin drop ceiling, metal banister, metal pipes

Rubber – wiring

Table 2-1 Asbestos Sample Summary

Project: American Cleaners: 48-50 Walnut Street Binghamton, NY — Reported by: John LoMonaco

Shaded Areas Indicate Asbestos — Survey Dates: 07/19/04, 07/20/04

Sample Number	Material Description	Location	Quantity	Condition	Comments	PLM	TEM
AC-01A	Black roof tar	SW area of flat roof	1200 ft^2	Fair	See Figure 1	NAD	NAD
AC-01B		Eastern area of flat roof				NAD	Trace Chr.
AC-01C		Center of garage roof				NAD	NAD
AC-02A	Brown hair-like insulation	SW area of flat roof	964 ft^2	Fair	See Figure 1	NAD	NA
AC-02B		Eastern area of flat roof				NAD	NA
AC-02C		Center of garage roof				NAD	NA
AC-03A	Black tar paper	SW area of flat roof	1200 ft^2	Fair	See Figure 1	NAD	NAD
AC-03B		Eastern area of flat roof				NAD	NAD
AC-03C		Center of garage roof				NAD	NAD
AC-04A	Gray tar patching material	Center of South parapet wall	215 ft^2	Good	See Figure 1	6.2% Chr.	NA
AC-04B		Base of billboard bracket				NA/PS	NA
AC-04C		Base of flue at Eastern edge of flat roof				NA/PS	NA

Project: American Cleaners: 48-50 Walnut Street Binghamton, NY

Reported by: John LoMonaco

Shaded Areas Indicate Asbestos

Survey Dates: 07/19/04, 07/20/04

Sample Number	Material Description	Location	Quantity	Condition	Comments	PLM	TEM
AC-05A	Light green shingle	SW area of first floor sloped roof	200 ft^2	Good	See Figure 1	NAD	NAD
AC-05B		NW area of first floor sloped roof				NAD	NAD
AC-05C		NE area of first floor sloped roof				NAD	NAD
AC-06A	Light green shingle paper (black)	SW area of first floor sloped roof	300 ft^2	Good	See Figure 1	NAD	NAD
AC-06B		NW area of first floor sloped roof				NAD	NAD
AC-06C		NE area of first floor sloped roof				NAD	NAD
AC-07A	Gray shingles	West side of second floor of house	1080 ft^2	Fair	See Figure 1	22% Chr.	NA
AC-07B		West side of second floor of house				NA/PS	NA
AC-07C		East side of second floor of house				NA/PS	NA
AC-08A	Green shingles	South side of second floor house roof	700 ft^2	Fair	See Figure 1	NAD	NAD
AC-08B		West side of second floor house roof				NAD	NAD
AC-08C		East side of second floor house roof				NAD	NAD

Project: American Cleaners: 48-50 Walnut Street Binghamton, NY

Reported by: John LoMonaco

Shaded Areas Indicate Asbestos

Survey Dates: 07/19/04, 07/20/04

Sample Number	Material Description	Location	Quantity	Condition	Comments	PLM	TEM
AC-09A	Beige chimney brick mortar	South side of southernmost chimney at roof level	50 LF	Fair	See Figure 1	NAD	NA
AC-09B		West side of southernmost chimney at roof level				NAD	NA
AC-09C		East side of southernmost chimney at roof level				NAD	NA
AC-10A	White window glaze	Window of south facing protrusion/skylight	50 LF	Poor	See Figure 1	Trace Chr.	Trace Anth. 1.4% Chr.
AC-10B		Window of south facing protrusion/skylight				Trace Chr.	NA/PS
AC-10C		Window of north facing protrusion/skylight				NAD	NA/PS
AC-11A	9" x 9" floor tile	NE corner of floor in Room A	500 ft^2	Poor	See Figure 2	Trace Chr.	<1% Anth. 8.5% Chr.
AC-11B		SE corner of floor in Room A				Trace Chr.	NA/PS
AC-11C		SW corner of floor in Room A				Trace Chr.	NA/PS
AC-12A	9" x 9" floor tile mastic	NE corner of floor in Room A	500 ft^2	Poor	See Figure 2	NAD	<1% Chr.
AC-12B		SE corner of floor in Room A				NA	NA/PS
AC-12C		SW corner of floor in Room A				NA	NA/PS

Project: American Cleaners: 48-50 Walnut Street Binghamton, NY

Reported by: John LoMonaco

Shaded Areas Indicate Asbestos

Survey Dates: 07/19/04, 07/20/04

Sample Number	Material Description	Location	Quantity	Condition	Comments	PLM	TEM
AC-13A	Gypsum board	East wall of Room B	950 ft^2	Poor	See Figure 2	NAD	NA
AC-13B		West wall of Room B				NAD	NA
AC-13C		East wall of Room A				NAD	NA
AC-14A	Pipe insulation	East wall at ceiling of Boiler Pit Room	2 ft^2	Poor	See Figure 4	57% Chr.	NA
AC-14B		East wall at ceiling of Boiler Pit Room					
AC-14C		East wall at ceiling of Boiler Pit Room					
AC-15A	Plaster on stone wall	East wall of Boiler Pit Room	350 ft^2	Poor	See Figure 4	NAD	NA
AC-15B		North wall of Boiler Pit Room				**NAD**	NA
AC-15C		West wall of Boiler Pit Room				NAD	NA
AC-16A	Window glaze/caulk	Easternmost window on south wall of Room C	180 LF	Poor	See Figure 2	**Trace Chr.**	**Trace Chr.**
AC-16B		Large central window on south wall of Room C				Trace Chr.	Trace Chr.
AC-16C		Westernmost window on south wall of Room C				Trace Chr.	Trace Chr.

Project: American Cleaners: 48-50 Walnut Street Binghamton, NY Reported by: John LoMonaco

Shaded Areas Indicate Asbestos Survey Dates: 07/19/04, 07/20/04

Sample Number	Material Description	Location	Quantity	Condition	Comments	PLM	TEM
AC-17A	Gypsum board	South wall of Room #3	Not Quantified	Poor	See Figure 2	NAD	NA
AC-17B		North wall beneath staircase of Room #6				NAD	NA
AC-17C		West wall of Room #2				NAD	NA
AC-18A	Floor paper – decorative	Northwest corner of floor in Room #7	285 ft^2	Poor	See Figure 2	NAD	NA
AC-18B		Southeast corner of floor in Room #7				NAD	NA
AC-18C		Center of floor in Room #5				NAD	NA
AC-19A	Pipe insulation	Vertical pipes in northwest corner of Room #6	12 LF	Poor	See Figure 2	57% Chr.	NA
AC-19B		Vertical pipes in northwest corner of Room #6				NA/PS	NA
AC-19C		Vertical pipes in northwest corner of Room #6				NA/PS	NA
AC-20A	Cloth wire insulation	Electrical panel on west wall of Room B4	Not Quantified	Poor	See Figure 2 and Figure 4	NAD	NAD
AC-20B		Electrical panel on west wall of Boiler Pit Room				NAD	NAD
AC-20C		Light switch on west wall of Room #4				NAD	NAD

Project: American Cleaners: 48-50 Walnut Street Binghamton, NY

Reported by: John LoMonaco

Shaded Areas Indicate Asbestos

Survey Dates: 07/19/04, 07/20/04

Sample Number	Material Description	Location	Quantity	Condition	Comments	PLM	TEM
AC-21A	Cementitious insulation	Cylindrical chimney stack on north exterior of house	20 LF	Fair	See Figure 1	NAD	NAD
		Cylindrical chimney stack on north exterior of house				24% Chr.	NA
AC-21C		Cylindrical chimney stack on north exterior of house				NA/PS	NA

Notes:

NA = Not analyzed
NAD = No asbestos detected
NA/PS = Not analyzed/positive stop
Chr = Chrysotile
Anth = Anthophyllite

3.0 Lead-based Paint Inspection

YEC, Inc. conducted lead-based inspection for the presence of Lead-based Paint (LBP) on the three structures located at the American Cleaners Site, Binghamton, NY on July 20, 2004.

The lead-based paint inspection was performed to identify paint that contains lead above allowable levels. YEC field personnel collected thirty-one (31) paint chips to be analyzed for LBP and visually inspected all painted surfaces to note their equivalence to the samples taken. See Figures 1-4, pages 16-19 for location of samples and Appendix D for a summary of field notes taken during inspection. Samples were removed from substrate materials using field-decontaminated scrapers. All painted surfaces in or on the three structures were characterized.

Paint chip samples were sent to AmeriSci Boston (NYSDOH ELAP Lab Certification # 10982 – see Appendix A for copy of laboratory certification) and were analyzed using the 7420, SW-846 method. Lead-based paint is defined as paint or other surface coatings that contain lead equal to or in excess of 1.0 milligram per square centimeter or more than 0.5 percent by weight. Ten samples analyzed contained more than 0.5% lead by weight. The following areas were found to contain lead based paint:

Exterior – house

Grey Paint on Wood – located on interior and exterior of door and doorframe of exterior door leading to Room 8 on 1st Floor of house (Sample LAC-31)

1st Floor - house

Yellow/Beige Paint on Gypsum Board – located on all walls and ceilings of Room 1 and 2, all walls of Room 6 (Sample LAC-11)

Yellow/Green Paint on Wood – located on doorframes in Rooms 1-7, window frames in Rooms 4 and 7, on baseboards in Room 6 (Sample LAC-09)

2nd Floor – house

Beige/Yellow/White Paint on Wood – located on doors, door frames, window frames, and baseboards in Rooms 9-15 (Sample LAC-11)

Green Paint on Gypsum – located on walls and ceiling in Room 9 (Sample LAC-13)

Brown Paint on Wood – located on stairs between first and second floor, between rooms 6 and 9 (Sample LAC-14)

Basement – under concrete building and house

Grey/White Paint on Concrete – located on all walls of Room B1 (Sample LAC-16)

Yellow Paint on Concrete – located on all walls of Room B-Main (Sample LAC-21)

Grey Paint on Concrete – located all walls of Room B5 and all walls and ceilings of Room 8 (Sample LAC-22)

Grey Paint on Metal – located on door and doorframe of north door of Room B-Main to Room B5 and on the door and doorframe at the east end of Room B-Main leading to the stairwell (Sample LAC-23)

Table 3-1 summarizes the samples taken during the inspection and their results. Laboratory results can be found in Appendix E.

Table 3-1 Suspect Lead-Based Paint Sample Summary

Project: American Cleaners: 48-50 Walnut Street Binghamton, NY Reported by: John LoMonaco

Shaded Areas Indicate Lead-Based Paint Survey Date: 07/20/04

Sample Number	Paint Color(s)	Sample Location	Substrate	Condition	Percentage of Lead By Weight
LAC-01	White	SE corner of Drop Ceiling in Room A	Tin	Fair	0.0842%
LAC-02	White/Gold	South Wall of Room A	Gypsum Board	Poor	No Lead was Detected
LAC-03	White	Interior North Door of Room A	Wood	Poor	0.0262%
LAC-04	White	West Wall of Room B	Gypsum Board	Poor	0.217%
LAC-05	Yellow/Gray	North Wall of Room C	Concrete	Poor	0.447%
LAC-06	Yellow	West Wall of Room C	Gypsum Board	Poor	0.0232%
LAC-07	Yellow/Gray/ Green	East Doorframe in Room C, Leading to the Stairwell	Metal	Poor	0.262%
LAC-08	Yellow/Beige	East Wall of Room 1	Gypsum Board	Poor	0.548%
LAC-09	Yellow/Green	Doorframe of Room 4 to Room 2	Wood	Poor	23.6%
LAC-10	Green	South Wall of Room 4	Gypsum Board	Poor	0.219%
LAC-11	Beige/Yellow/ White	Door Frame of Room 9 to Room 12	Wood	Poor	15.3%

Project: American Cleaners: 48-50 Walnut Street Binghamton, NY

Reported by: John LoMonaco

Shaded Areas Indicate Lead-Based Paint

Survey Date: 07/20/04

Sample Number	Paint Color(s)	Sample Location	Substrate	Condition	Percentage of Lead By Weight
LAC-12	Beige	West Wall of Room 15	Gypsum Board	Poor	0.0384%
LAC-13	Green	North Wall of Room 9	Gypsum Board	Poor	0.519%
LAC-14	Brown	Stairs in Room 9	Wood	Poor	14.3%
LAC-15	Gray	Interior East Exit Door of Room C, Leading to the Outside Walkway	Metal	Poor	0.0370%
LAC-16	Gray/White	West Wall of Room B1	Concrete	Poor	0.519%
LAC-17	Beige	Doorframe of Room B1	Wood	Poor	0.485%
LAC-18	Beige	North Wall of Room B2	Concrete	Poor	0.394%
LAC-19	White	Central Horizontal Ceiling I-Beam in Room B-Main	Metal	Poor	0.128%
LAC-20	Yellow	North Wall of Room B3	Concrete	Poor	0.217%
LAC-21	Yellow	South Wall of B-Main	Concrete	Poor	0.525%
LAC-22	Gray	South Wall of Room B5	Concrete	Poor	0.894%
LAC-23	Gray	Door of B-Main to Room B5	Metal	Poor	5.47%

Project: American Cleaners: 48-50 Walnut Street Binghamton, NY

Reported by: John LoMonaco

Shaded Areas Indicate Lead-Based Paint

Survey Date: 07/20/04

Sample Number	Paint Color(s)	Sample Location	Substrate	Condition	Percentage of Lead By Weight
LAC-24	Gray	Exterior North Face of Room B	Concrete	Poor	0.0313%
LAC-25	Gray	Exterior North Face of House	Shingle	Fair	0.116%
LAC-26	Gray	Exterior West Face of Room A	Brick	Fair	0.0374%
LAC-27	Gray	Exterior South Face of Room C	Stone	Poor	0.0363%
LAC-28	White	Exterior East Face of Room C	Stone	Poor	0.0478%
LAC-29	Gray/White	Exterior of Door to Room C Stairwell	Wood	Poor	0.0307%
LAC-30	Gray	Exterior South Face of the Garage	Concrete	Poor	No Lead was Detected
LAC-31	Gray	Exterior of Door to Room 8	Wood	Poor	9.48%

4.0 Conclusions and Recommendations

Based on the asbestos inspection, 2,297 square feet and 82 linear feet of asbestos were found at various locations on or in the concrete and wood frame buildings located on the American Cleaners Site. No asbestos materials were found on or in the concrete garage. Removal of asbestos will be required in accordance with applicable New York State regulations prior to the demolition of the building.

Based on the lead-based paint inspection, lead was present in painted surfaces of the 1st and 2nd floor of the wood frame house and in the basement of the concrete building. No lead-base paint was found on or in the concrete garage. The LBP coated materials can be disposed of in a construction and demolition landfill per EPA Final Rule - Federal Register: June 18, 2003 (Volume 68, Number 117) and NYSDEC TAGM SW-89-2002 so long as the paint is not removed from its substrate. Construction work where an employee may be occupationally exposed to lead is regulated by OSHA in 29 CFR 1926.62.

Recommendations in this paragraph apply if the property is not going to be demolished. The information in this report regarding lead-based paint must be disclosed to all existing and new residents and to any new buyer in the future, under the Lead Disclosure Rule (24 CFR part 35, subpart A (HUD's rule) and 40 CFR part 745, subpart F (EPA's identical rule). Property owners may wish to consider contracting a New York State licensed lead-based risk assessor to elaborate on information provided in this report. A risk assessor can recommend ways of eliminating lead-based paint hazards and can help design a lead-based pain maintenance and re-evaluation program.

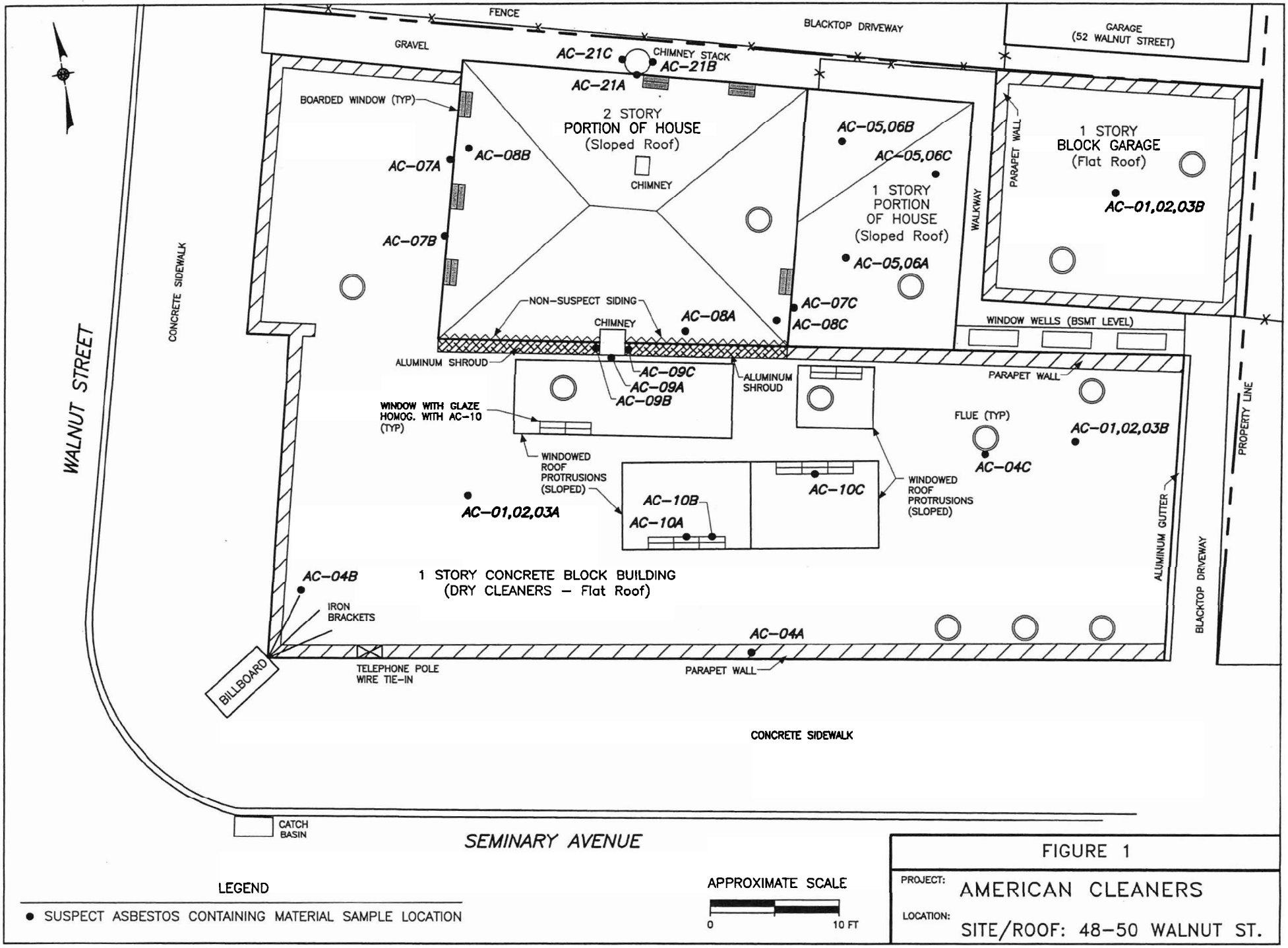
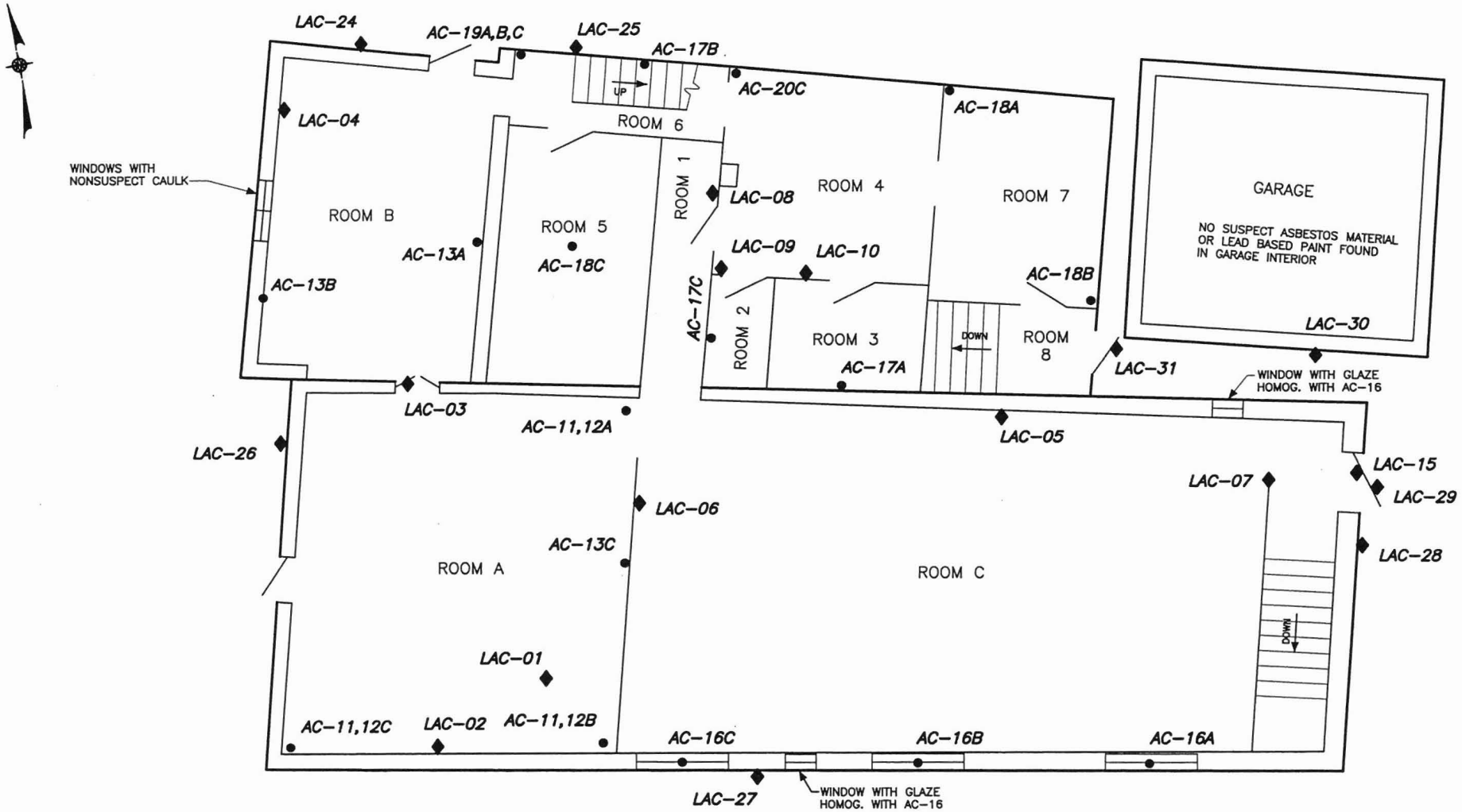


FIGURE 1

PROJECT: AMERICAN CLEANERS

LOCATION: SITE/ROOF: 48–50 WALNUT ST.



LEGEND

- ● SUSPECT ASBESTOS CONTAINING MATERIAL SAMPLE LOCATION
- ◆ SUSPECT LEAD-BASED PAINT SAMPLE LOCATION

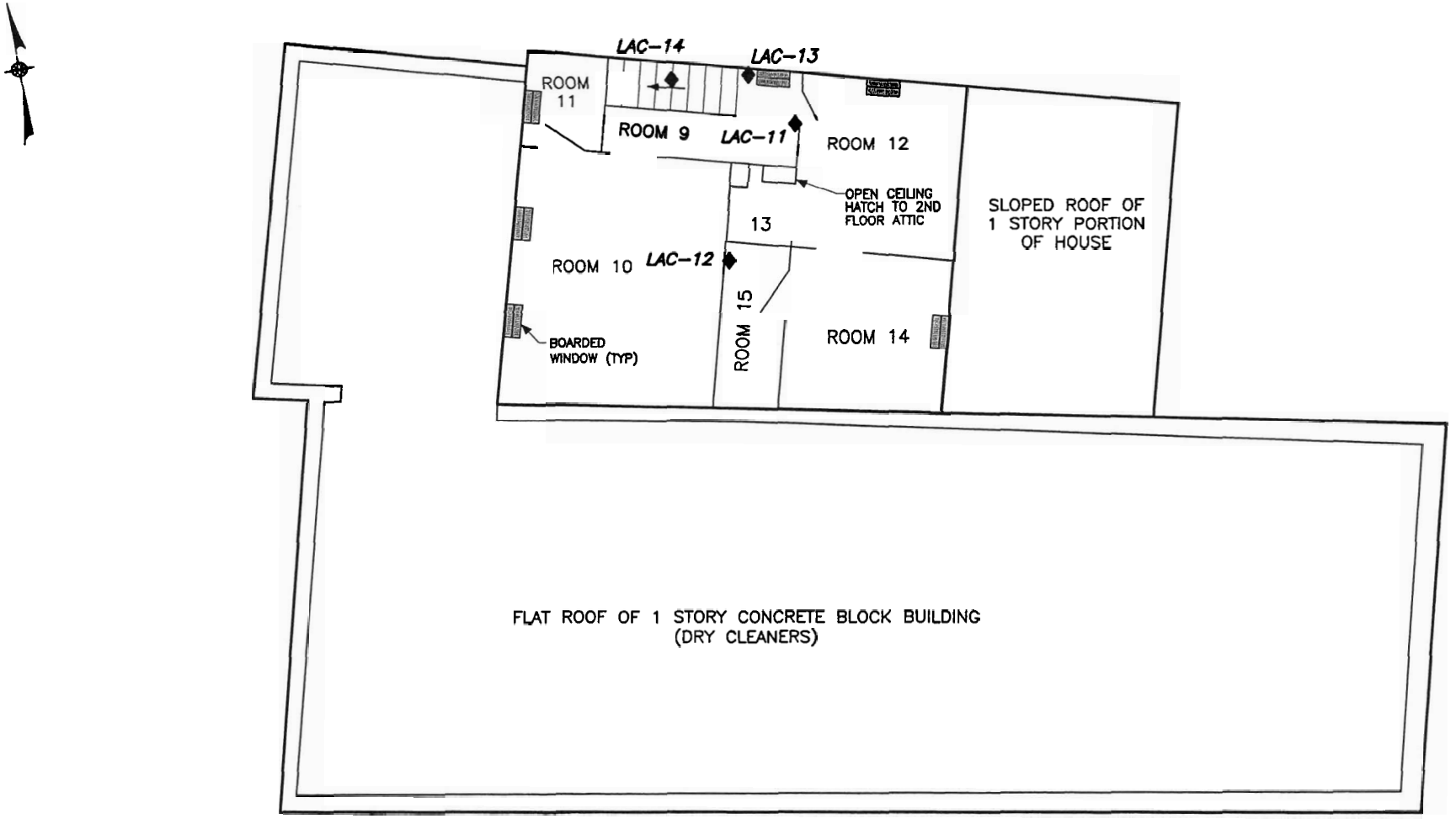
APPROXIMATE SCALE

0 10 FT

FIGURE 2

PROJECT: AMERICAN CLEANERS

LOCATION: 1ST FLOOR: 48-50 WALNUT ST.



LEGEND

- SUSPECT ASBESTOS CONTAINING MATERIAL SAMPLE LOCATION
  SUSPECT LEAD-BASED PAINT SAMPLE LOCATION

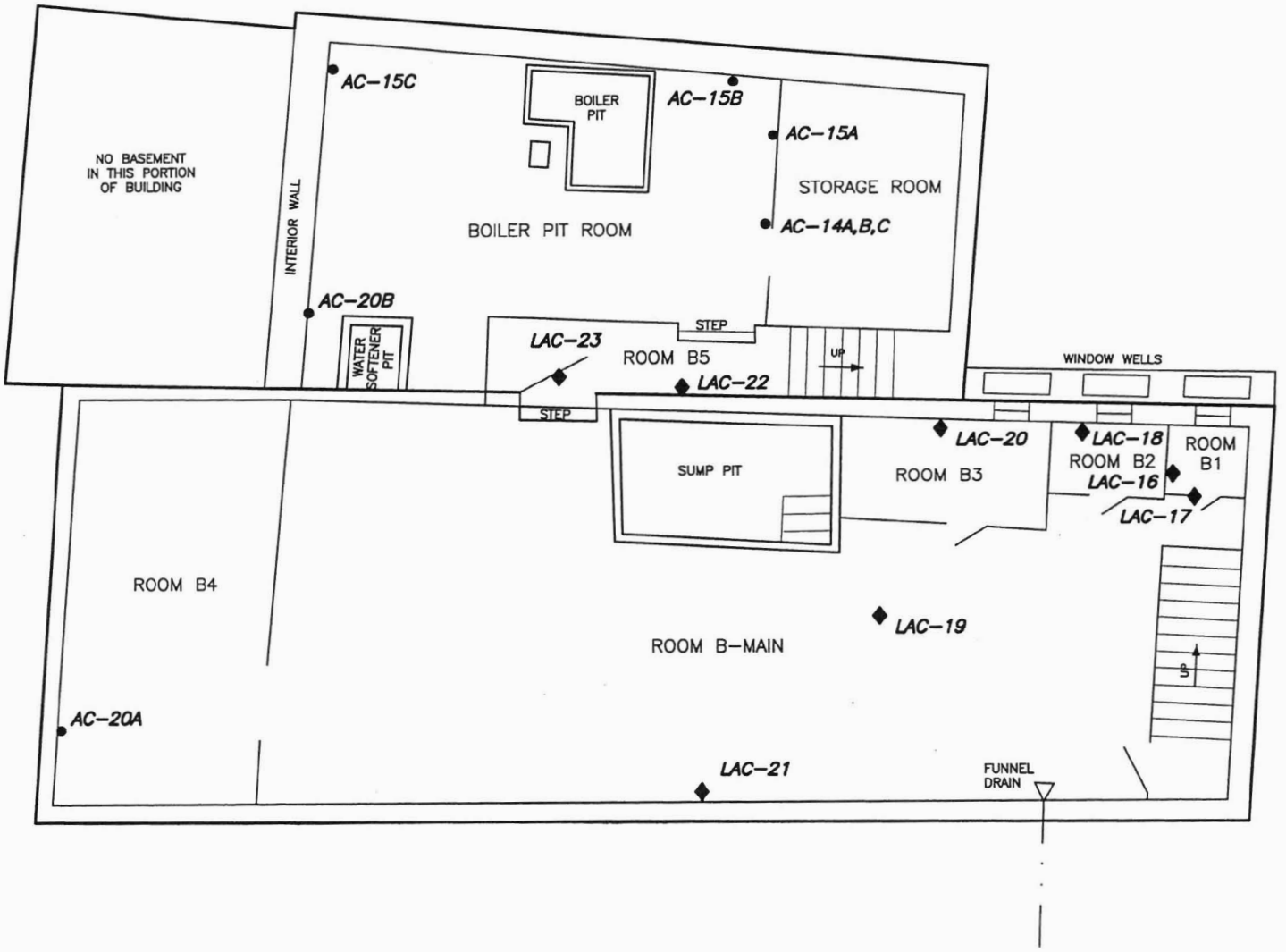
APPROXIMATE SCALE

0 10 FT

FIGURE 3

PROJECT: AMERICAN CLEANERS

LOCATION: 2ND FLOOR: 48-50 WALNUT ST.



LEGEND

- ● SUSPECT ASBESTOS CONTAINING MATERIAL SAMPLE LOCATION
- ◆ SUSPECT LEAD–BASED PAINT SAMPLE LOCATION

APPROXIMATE SCALE

0 10 FT

FIGURE 4

PROJECT: AMERICAN CLEANERS

LOCATION: BASEMENT: 48–50 WALNUT ST.

Appendix A

Certifications and Licenses

STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
License and Certificate Unit
BUILDING 12, STATE CAMPUS
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

RESTRICTED LICENSE-ASBESTOS REMOVAL NOT PERMITTED

LICENSE NUMBER: **99-0696**
DATE OF ISSUE: **August 11, 2004**
EXPIRATION DATE: **August 31, 2005**

Contractor: **YEC, INC.**

Address: **612 Corporate Way**
Valley Cottage NY 10989

Duly Authorized Representative: **Y.S. ED CHEN**

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Anthony Germano, Acting Director
THE COMMISSIONER OF LABOR

SH 432 (6-03)

Big Apple Occupational Safety Corp.

505 Eighth Avenue, New York, New York 10018 Tel: 212-564-7656

This is to Certify that

John Lomonaco

SS#: 133-72-6382

194-25B 65TH CRESCENT, FRESH MEADOW, NY 11365

has Successfully Completed the
Environmental Protection Agency-Approved Course

LEAD BASED PAINT INSPECTOR INITIAL

This Course is approve for purposes of certification under the
Environmental Protection Agency - 40 Part CFR 745.225

Course Date: 04/12-14/2004

Examination Date: 4 /14/2004

Expiration Date of Interim Certification: 10/14/2004

Certificate Number: LINPI-6382

Examination Grade: 98%

Training Director
Radha Reddy

STATE OF NEW YORK - DEPARTMENT OF LABOR

ASBESTOS CERTIFICATE

JOHN N LOMONACO
CLASS(EXPIRES)
C ATEC(05/05) D INSP(05/05)
H PM (05/05)

CERT# 98-19479

MUST BE CARRIED ON ASBESTOS PROJECTS

DMV# 722009327
EYES BLU
HAIR BRO
HGT 5' 06"

IF FOUND RETURN TO:
NYSDOL - L&C UNIT
ROOM 161 BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.D., M.P.H., Dr.P.H.

Expires 12:01 AM April 01, 2005
Issued April 01, 2004
Revised May 28, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

ssued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PAUL MUCH/
AMERICA SCIEN(E TEAM NEW YORK INC
117 EAST 30TH S
NEW YORK NY 10016 United States

NY Lab Id No: 11480
EPA Lab Code: NY01378

is h reby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Drinking Water Miscellaneous

Asbestos	EPA 100.1

Serial No.: 23586

Property of the New York State Depart ent of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificate have a raised seal. Continued accreditation depends on successful ongoing participation in the rogram. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.d., M.p.h., Dr.p.h.

Expires 12:01 AM April 01, 2005
Issued April 01, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PAUL MUC IA
AMERICA SCIE ICE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK N\ 10016 United States

NY Lab Id No: 11480
EPA Lab Code: NY01378

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/020
Asbestos in Non-Friable Mat rial	ITEM 198.4 OF MANUAL

Serial No.: 22965

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DOH-3317 (3/97)

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.d., M.p.h., Dr.p.h.

Expires 12:01 AM April 01, 2005
Issued April 01, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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MR. PAUL MUCI 'A
AMERICA SCIEI CE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK NY 10016 United States

NY Lab Id No: 11480
EPA Lab Code: NY01378

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:

Miscellaneous Air

Asbestos	40 CFR APX A No. III
	YAMATE,AGARWAL GIBB
Fibers	40 CFR 763.121 APX B
	NIOSH 7400 A RULES

Serial No.: 22966

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DOH-3317 (3/97)

National Institute of Standards and Technology

NVLAP®

National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation

BULK ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 200546-0**

AMERISCI NEW YORK
DBA: AmeriSci New York
117 E. 30th Street
New York, NY 10016
Mr. Lance Tuckruskye
Phone: 212-679-8600 Fax: 212-679-2711
E-Mail: ltuckruskye@americsci.com
URL: http://www.amerisci.com

NVLAP Code	*Designation*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

June 30, 2005
Effective through

For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC 17025:1999
ISO 9002:1994

Certificate of Accreditation

DEPARTMENT OF COMMERCE ★ UNITED STATES OF AMERICA ★

AMERISCI NEW YORK
NEW YORK, NY

is recognized by the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria set forth in NIST Handbook 150:2001, all requirements of ISO/IEC 17025:1999, and relevant requirements of ISO 9002:1994. Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

June 30, 2005
Effective through

For the National Institute of Standards and Technology
NVLAP Lab Code: 200546-0

NVLAP-01C (06-01)

National Institute of Standards and Technology

NVLAP®

National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation

AIRBORNE ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 200546-0**

AMERISCI NEW YORK
DBA: AmeriSci New York
117 E. 30th Street
New York, NY 10016
Mr. Lance Tuckruskye
Phone: 212-679-8600 Fax: 212-679-2711
E-Mail: ltuckruskye@americsci.com
URL: http://www.amerisci.com

NVLAP Code	***Designation***
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

June 30, 2005

Effective through

For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC 17025:1999
ISO 9002:1994

Certificate of Accreditation

DEPARTMENT OF COMMERCE ★ UNITED STATES OF AMERICA ★

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AIRBORNE ASBESTOS FIBER ANALYSIS

June 30, 2005
Effective through

For the National Institute of Standards and Technology

NVLAP Lab Code: 200546-0

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.d., M.p.h., Dr.p.h.

Expires 12:01 AM April 01, 2005
Issued April 01, 2004
Revised April 09, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. JOHN SULKOWSKI
AMERISCI BOSTON
8 SCHOOL STREET
EAST WEYMOUTH MA 02189 ***United States***

NY Lab Id No: 10982.
EPA Lab Code: MA00069

Is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Acrolein and Acrylonitrile	
Acrolein	SW-846 8260B
Acrylonitrile	SW-846 8260B
Characteristic Testing	
Corrosivity	SW-846 1110
Ignitability	SW-846 1010
TCLP	SW-846 1311
Chlorinated Hydrocarbon Pesticides	
4,4 -DDE	SW-846 8081A
4,4 -DDT	SW-846 8081A
4,4-DDD	SW-846 8081A
Aldrin	SW-846 8081A
alpha-BHC	SW-846 8081A
beta-BHC	SW-846 8081A
Chlordane Total	SW-846 8081A
delta-BHC	SW-846 8081A
Dieldrin	SW-846 8081A
Endosulfan I	SW-846 8081A
Endosulfan II	SW-846 8081A
Endosulfan sulfate	SW-846 8081A
Endrin	SW-846 8081A
Endrin aldehyde	SW-846 8081A
Heptachlor	SW-846 8081A

Chlorinated Hydrocarbon Pesticides	
Heptachlor epoxide	SW-846 8081A
Lindane	SW-846 8081A
Methoxychlor	SW-846 8081A
Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	SW-846 8270C
2-Chloronaphthalene	SW-846 8270C
Hexachlorobenzene	SW-846 8270C
Hexachlorobutadiene	SW-846 8270C
Hexachlorocyclopentadiene	SW-846 8270C
Hexachloroethane	SW-846 8270C
Haloethers	
Bis (2-chloroisopropyl) ether	SW-846 8270C
Bis(2-chloroethoxy)methane	SW-846 8270C
Metals I	
Barium, Total	SW-846 3050B
	SW-846 6010B
Cadmium, Total	SW-846 3050B
	SW-846 6010B
Chromium, Total	SW-846 3050B
	SW-846 6010B
Lead, Total	SW-846 3050B
	SW-846 6010B

Serial No.: 23466

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal and may be verified by calling (518) 486-5570.

DOH-3317 (3/97)

Appendix B

Asbestos Field Notes Summary

An Asbestos inspection was conducted on 7/19/04 and 7/20/04 at the American Cleaners Site, Binghamton, NY. The asbestos inspection was performed to identify any structural building materials that are considered asbestos-containing materials (ACM). An asbestos-containing material is defined as any material or product which contains more than 1 percent asbestos (AHERA, OSHA definition). Shaded areas indicate ACM.

Flat Roof (dry cleaners and garage), Sloped Roofs (1st and 2nd floor of house) (Figure 1)

1. Sample AC-01 A,B,C – Black Roof Tar – not ACM
   Sample AC-02 A,B,C – Brown Hair-like Insulation – not ACM
   Sample AC-03 A,B,C – Black Tar Paper – not ACM
   - The flat roof, which covered the newer addition to the dry cleaners and the garage on the property, contained four layers. They were from top to bottom, respectively, black roof tar, brown hair-like insulation, black tar paper, and wood. The first three layers were suspect asbestos-containing materials (SACM) and sampled respectively as AC-01, 02, and 03. No asbestos was detected in these samples, except for a chrysotile trace found in sample AC-01B, which was taken at the eastern area of the flat roof. A trace amount of asbestos detected by TEM analysis means that it is <1% asbestos.
   - Materials homogeneous with AC-01 and AC-03 covered the four windowed roof protrusions
   - Materials homogeneous with AC-01 and AC-03 existed on the inside vertical sections of the parapet walls and the aluminum shroud
   - Materials homogeneous with AC-01 and AC-03 covered three boarded windows on the western exterior of the second floor of the house
2. Sample AC-04 A,B,C – Gray Tar Patching Material – ACM
   - Total quantity: 215 sq. ft.
   - Homogeneous material existed at each joint of the parapet wall (1 sq. ft./section)
   - Homogeneous material existed at the base of each flue (1 sq. ft./base)
   - Homogeneous material existed at the base of each billboard bracket, (1 sq. ft./base)
3. Sample AC-05 A,B,C – Light Green Shingle – not ACM
   Sample AC-06 A,B,C – Light Green Shingle Paper (black) – not ACM
   - Samples taken at the same locations from the sloped roof of the 1st floor of the house
   - Materials homogeneous with AC-06 A,B,C existed beneath ACM shingles associated with AC-07 A,B,C (See "Exterior of the Structures on the Property" section)
4. Sample AC-08 A,B,C – Green Shingle – not ACM
   - Samples taken from the sloped roof of the 2nd floor of the house
5. Sample AC-09 A,B,C – Brick Chimney Mortar – not ACM
   - Two brick chimneys protruded from the 2nd floor roof of the house. Access was only available to the southernmost chimney, where sample AC-09A,B,C was taken.
   - Homogeneous material existed throughout both vertical extents of each chimney down to the basement.
6. Sample AC-10 A,B,C – White Window Glaze – ACM
   - Material existed on (10) wooden window frames associated with the protrusions (skylights) on the flat roof.
   - ~ 5 LF/ window: total quantity: 50 LF

7. Non-suspect materials found on the roof were: plywood on the boarded windows; brick, cement, and porcelain portions of the parapet wall; metal, porcelain, and wood portions of the telephone pole wire tie-in; metal billboard and roof brackets; vinyl siding on the south face of the second floor of the house; the aluminum gutter at the eastern edge of the flat roof; the metal portions of the flues; all metal and wood window frames; wood roof layer beneath shingle paper, shingles and roof tar paper; aluminum shroud.

First Floor – Room A (Figure 2)

1. Sample AC-11 A,B,C and AC-12 A,B,C – 9"X9" floor tile and mastic - ACM
   - Total quantity: 500 sq. ft. for each material.
   - Floor is in very poor condition with more than half of the tiles destroyed.
2. Sample AC-13 C – Gypsum Board – not ACM
   - Sample AC-13C was taken from the east wall of Room A.
   - Materials homogeneous with AC-13C were the north, west and south walls.
3. Some wiring associated with metal switch boxes, outlets, and heat control panels was homogeneous with AC-20A – not ACM
4. Non-suspect materials found in Room A are: tin drop ceiling; wood ceiling; metal switch boxes, outlets, and heat control panels; rubber wiring; wood floor beneath ACM floor tiles and mastic; metal and rubber silicon window frames (no suspect caulk or glaze was found); wood window frames; metal and wood doors and doorframes; metal and wood cabinets.

First Floor – Room B (Figure 2)

1. Sample AC-13 A and B – Gypsum Board – not ACM
   - Samples AC-13 A, B were taken from the east and west walls of Room B respectively.
   - Materials homogeneous with AC-13 A, B were the north and south walls and the ceiling of Room B
2. Some wiring associated with metal switch boxes, outlets, and heat control panels was homogeneous with AC-20A – not ACM
3. Non-suspect materials found in Room B are: metal switch boxes, outlets, and heat control panels; metal and rubber silicon window frames (no suspect caulk or glaze found); wood window frames; metal and wood doors and doorframes; metal pipe chase and metalpipes in the floor, running east and west; wood hatch on the east wall; wood floor.

First Floor – Room C (Figure 2)

1. Sample AC-16 A,B,C – Window Glaze – not ACM
   Sample AC-16 A,B,C was taken from the large east, central and west windows on the south wall of Room C, respectively. A chrysotile trace was detected in all three samples: <1% asbestos – not ACM
   - Homogeneous caulk was found on the smaller windows, one on the south wall, and the other on the north wall.
2. Materials homogeneous with AC-13C were the interior east wall and the west wall of RoomC
3. Some wiring associated with metal switch boxes, outlets, and heat control panels was homogeneous with AC-20A – not ACM

4. Non-suspect materials found in Room C are: metal switch boxes, outlets, and heat control panels; rubber wiring; wood window frames; metal and wood doors and doorframes; wood floor; two metal fans, one on the east wall, and the other on the south wall; tin drop ceiling; wood ceiling; north, east and south walls are concrete; metal banister in the stairwell.

First Floor of House – Rooms 1-8 (Figure 2)

1. Sample AC-17 A,B,C – Gypsum Board – not ACM
   - AC-17A was taken from the south wall of Room 3, AC-17B was taken from the north wall of Room 6, AC-17C was taken from the west wall of Room 2.
   - All walls and ceilings in Rooms 1-8 were homogeneous gypsum board, except for the east, south and west walls of Room 8, which were concrete.
   - Rooms 4, 5 and 7 had non-suspect drop ceilings, with homogeneous gypsum board above.
2. Sample AC-18 A,B,C – Decorative Floor Paper – not ACM
   - AC-18A and B were taken from Room 7 and AC-18 C was taken from Room 5. These two rooms were the only rooms that had this material.
3. Sample AC-19A,B,C – Pipe Insulation - ACM
   - Total Quantity – 12 LF (6 LF on each of two pipes)
   - Material only exists on (2) vertical pipes in the NW corner of Room 6.
4. Sample AC-20C – Cloth Wire Insulation – not ACM
   - AC-20C was taken from a switchbox, located on the west wall of Room 4, just north of the entrance to Room 6
   - Some wiring associated with metal switch boxes, electrical panels (Room 8), outlets, and heat control panels was homogeneous with AC-20C – not ACM
5. Non-suspect materials found in Rooms 1-8 are:
   - Wood paneling covering gypsum board walls in Rooms 4, 5 and 7
   - Porcelain sink and toilet in Room 3
   - Wood doors and doorframes throughout
   - Wood window frames; no glaze or caulking found throughout
   - Wood steps and banister in Room 6
   - Concrete steps and floor in Room 8
   - Metal door and frame at east end of Room 8
   - Wood baseboards throughout
   - Wood floors – Rooms 1-7
   - Rubber wiring
   - Metal switchboxes, metal electrical panels, outlets, heat control panels

Second Floor of House – Rooms 9-15 (Figure 3)

1. No samples were taken from the second floor of the house. Gypsum board homogeneous with AC-17 A,B,C was found on all walls and ceilings of Rooms 9 – 15.
2. Some wiring associated with metal switch boxes, outlets, and heat control panels was homogeneous with AC-20C – not ACM

3. Non-suspect materials found in Rooms 9-15 are:
   - Wood doors and doorframes
   - Wood window frames; no glaze or caulking found
   - Wood steps and banister in Room 9
   - Wood attic (A ceiling hatch is located in the northeast corner of Room 13. No suspect materials were found in the attic, from the vantage point of the hatch).
   - Wood baseboards
   - Rubber wiring
   - Metal switchboxes, outlets, heat control panels
   - Wood floors

B-Main, B1, B2, B3 and B4 – Basement of the Newer Addition to the Property (Figure 4)

1. Sample AC-20A – Cloth Wire Insulation – not ACM
   - AC-20A was sampled from an electrical panel, located on the west wall of Room B4
   - Some wiring associated with the other electrical panels in Room B4 and the electrical panels in B-main was homogeneous with AC-20A.
   - Some wiring associated with switchboxes, outlets, and heat control panels in all rooms was also homogeneous with AC-20 A.
2. Non-suspect materials found in Rooms B-Main, B1, B2, B3 and B4 were:
   - Concrete walls: all walls of B-main; north, south and west walls of Room B4; east and north walls of B1, north walls of B2 and B3
   - Gypsum board walls homogeneous with AC-13 A,B,C: the wall between B-Main and B4, the walls between B1 and B2 and between B2 and B3, the south walls of B1, B2 and B3
   - Concrete floors
   - Wood ceilings
   - Rubber wiring
   - Metal switchboxes, electrical panels, outlets, heat control panels
   - Porcelain sinks and toilets in Rooms B1 and B2
   - Metal piping throughout ceilings
   - Metal horizontal and vertical supports
   - Wood doors and doorframes
   - Metal doors and doorframes

B5, Boiler Pit Room and Storage Room – Basement of the House (Figure 4)

1. Sample AC-14 A,B,C – Pipe Insulation - ACM
   - AC-14 A,B,C was taken from a small portion of a pipe located at ceiling level in the Boiler Pit Room, on the north side of the entrance to the Storage Room.
   - Total quantity – 2 sq. ft.
2. Sample AC-20B – Cloth Wire Insulation – not ACM
   - AC-20B was sampled from an electrical panel, located on the west wall of the Boiler Pit Room

- Some wiring associated with the other electrical panels in the Boiler Pit Room was homogeneous with AC-20B.
- Some wiring associated with switchboxes, outlets, and heat control panels in all rooms was also homogeneous with AC-20 B.

3. Sample AC-15 A,B,C – Cementitious Plaster – not ACM
   - Sample AC-15 A,B and C were taken from the east, north and west walls respectively.
   - Materials homogeneous with AC 15 A,B,C were found on the north, east and west walls of the Storage Room
4. Chimneys in the Boiler Pit room were brick with mortar homogeneous with AC-09 A,B,C – not ACM
5. Non-suspect materials found in B5, the Boiler Pit Room and the Storage Room were:
   - Wood ceilings in the Boiler Pit Room and the Storage Room
   - Concrete ceiling in B5
   - Concrete floors: all rooms
   - Concrete walls: all walls of B5, south walls of the Boiler Pit Room and Storage Room.
   - Stone walls: north, east and west walls of the Boiler Pit Room and Storage Room
   - Metal pipes throughout ceilings

Exterior of the Structures on the Property (Figure 1)

1. Sample AC-07 A,B,C – Gray painted Shingles (White) – ACM
   - Total quantity: 1080 sq. ft.
   - Material existed on the west and east exterior faces of the 2nd floor of the house
   - Material existed on the entire north face of the house, all floors
   - Material existed on the east face of the house, 1st floor
   - The shingle paper beneath these ACM shingles was homogeneous with sample AC-06 A,B,C – not ACM
2. Sample AC-21 A,B,C – Gray Painted Cylindrical Chimney Stack Insulation (White) - ACM
   - Total quantity: 20 LF.
   - Material insulated the cylindrical chimney stack which runs vertically on the exterior north face of the house
3. Non-suspect materials found on the exterior of the structures are:
   - Brick on the west face along Walnut Street, and on the north face of Room B
   - Concrete walls: garage
   - Stone walls: south face of Rooms A and C; east face of Room C, north face of Room C
   - Metal and wood doors and doorframes
   - Metal and wood windows and windowframes
   - Concrete foundation

Comments:

There was some suspect wiring throughout all sections of the structure. Three samples were taken:

- AC-20A was taken from an electrical panel in B4 (basement of dry cleaning area)
  AC-20B was taken from an electrical panel in the Boiler Pit Room (basement of the house)
  AC-20C was taken from a light switch in Room 4 of the house.

All (3) samples were analyzed and yielded negative results. Since the (3) were taken from distinctively different parts of the structure, the wiring throughout the walls of the building can be considered not ACM.

Appendix C

Asbestos Sample Results and Chains of Custody

AMERI SCI

AmeriSci New York
117 EAST 30TH STREET
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-9392

July 27, 2004

YEC, Inc
Attn: John LoMonaco
612 Corporate Way
Suite 4M
Valley College, NY 10989

RE: YEC, Inc
Job Number 204073973
P.O. # A0314
A0314; American Cleaners; 48-50 Walnut St Binghamton, NY

Dear John LoMonaco:

Enclosed are the results of Asbestos Analysis - Bulk Protocol of the following YEC, Inc samples, received at AmeriSci on Thursday, July 22, 2004, for a 5 day turnaround:

Sample ID AC-01A through AC-21C

The 63 samples, placed in Zip Lock Bag, were shipped to AmeriSci via Federal Express. YEC, Inc requested ELAP PLM/TEM analysis of these samples.

The results of the analyses which were performed under NYSDOH ELAP Lab Certification # 10984 following ELAP 198.1 PLM & 198.4 TEM guidelines are presented within the Summary Table of this report. The presence of matrix reduction data in the Summary Table normally indicates an NOB sample. For NOB samples the individual matrix reduction, combined PLM and TEM analysis results are listed in the Summary Bulk Asbestos Analysis Results in Table I. Complete PLM results for individual samples are presented in the PLM Bulk Asbestos Report. This combined report relates ONLY to sample analysis expressed as percent composition by weight and percent asbestos. This report must not be used to claim product endorsement or approval by these laboratories, NVLAP, ELAP or any other associated agency. The National Institute of Standards and Technology Accreditation requirements, mandates that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Lance Tuckruskye
QA/QC Compliance Officer

AMERI SCI

AmeriSci New York
117 EAST 30TH STREET
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-9392

PLM Bulk Asbestos Report

YEC, Inc
Attn: John LoMonaco
612 Corporate Way
Suite 4M
Valley College, NY 10989

Date Received 07/22/04 **AmeriSci Job No.**204073973
Date Examined 07/27/04 **P.O. #** A0314
ELAP Number 11480 **Page** 1 **of** 13
RE A0314; American Cleaners; 48-50 Walnut St Binghamton, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-01A 01	204073973-01	*No*	NAD [1]
	Location: SW Corner Of Flat Roof		
	Description: Black, Homogeneous, Roof Tar		
	Asbestos Types:		
	Other Material: Non-fibrous 0.91 %		
AC-01B 01	204073973-02	*No*	NAD [1]
	Location: Eastern Area Of Flat Roof		
	Description: Black, Homogeneous, Roof Tar		
	Asbestos Types:		
	Other Material: Non-fibrous 5.3 %		
AC-01C 01	204073973-03	*No*	NAD [1]
	Location: Center Of Garage Roof		
	Description: Black, Homogeneous, Roof Tar		
	Asbestos Types:		
	Other Material: Non-fibrous 0.33 %		
AC-02A 02	204073973-04	*No*	NAD
	Location: SW Corner Of Flat Roof		
	Description: Brown, Homogeneous, Hair Like Insulation		
	Asbestos Types:		
	Other Material: Cellulose 80. %, Non-fibrous 20. %		
AC-02B 02	204073973-05	*No*	NAD
	Location: Eastern Area Of Flat Roof		
	Description: Brown, Homogeneous, Hair Like Insulation		
	Asbestos Types:		
	Other Material: Cellulose 80. %, Non-fibrous 20. %		

AMERI SCI

AmeriSci New York
117 EAST 30TH STREET
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-9392

PLM Bulk Asbestos Report

YEC, Inc
Attn: John LoMonaco
612 Corporate Way
Suite 4M
Valley College, NY 10989

Date Received 07/22/04 **AmeriSci Job No.**204073973
Date Examined 07/27/04 **P.O. #** A0314
ELAP Number 11480 **Page** 2 **of** 13
RE A0314; American Cleaners; 48-50 Walnut St
Binghamton, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-02C 02	204073973-06 **Location:** Center Of Garage Roof **Description:** Brown, Homogeneous, Hair Like Insulation **Asbestos Types:** **Other Material:** Cellulose 80. %, Non-fibrous 20. %	*No*	NAD
AC-03A 03	204073973-07 **Location:** SW Corner Of Flat Roof **Description:** Black, Homogeneous, Tar Paper **Asbestos Types:** **Other Material:** Non-fibrous 21.3 %	*No*	NAD [1]
AC-03B 03	204073973-08 **Location:** Eastern Area Of Flat Roof **Description:** Black, Heterogeneous, Tar Paper **Asbestos Types:** **Other Material:** Non-fibrous 1.1 %	*No*	NAD [1]
AC-03C 03	204073973-09 **Location:** Center Of Garage Roof **Description:** Black, Homogeneous, Tar Paper **Asbestos Types:** **Other Material:** Non-fibrous 0.48 %	*No*	NAD [1]
AC-04A 04	204073973-10 **Location:** Center Of South Parapet Wall **Description:** Grey/Black, Homogeneous, Tar Patching Material **Asbestos Types:** Chrysotile 6.2 % **Other Material:** Non-fibrous 11.1 %	*Yes*	6.2 % [1]

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PLM Bulk Asbestos Report

YEC, Inc
Attn: John LoMonaco
612 Corporate Way
Suite 4M
Valley College, NY 10989

Date Received 07/22/04 **AmeriSci Job No.**204073973
Date Examined 07/27/04 **P.O. #** A0314
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RE A0314; American Cleaners; 48-50 Walnut St
Binghamton, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-04B	204073973-11		NA/PS
04	**Location:** Base Of Billboard Bracket		
	Description: Tar Patching Material		
	Asbestos Types:		
	Other Material:		
AC-04C	204073973-12		NA/PS
04	**Location:** Base Of Flue At Eastern Area Of Flat Roof		
	Description: Tar Patching Material		
	Asbestos Types:		
	Other Material:		
AC-05A	204073973-13	*No*	NAD [1]
05	**Location:** SW Area Of First Floor Sloped Roof		
	Description: Green, Homogeneous, Shingle		
	Asbestos Types:		
	Other Material: Fibrous glass 2. %, Non-fibrous 64.4 %		
AC-05B	204073973-14	*No*	NAD [1]
05	**Location:** NW Area Of First Floor Sloped Roof		
	Description: Green, Homogeneous, Shingle		
	Asbestos Types:		
	Other Material: Fibrous glass 2. %, Non-fibrous 62.8 %		
AC-05C	204073973-15	*No*	NAD [1]
05	**Location:** NE Area Of First Floor Sloped Roof		
	Description: Green, Homogeneous, Shingle		
	Asbestos Types:		
	Other Material: Fibrous glass 2. %, Non-fibrous 65.1 %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-06A 06	204073973-16	*No*	NAD [1]
	Location: SW Area Of First Floor Sloped Roof		
	Description: Green/Black, Homogeneous, Shingle Paper		
	Asbestos Types:		
	Other Material: Non-fibrous 4.3 %		
AC-06B 06	204073973-17	*No*	NAD [1]
	Location: NW Area Of First Floor Sloped Roof		
	Description: Green/Black, Homogeneous, Shingle Paper		
	Asbestos Types:		
	Other Material: Non-fibrous 2.7 %		
AC-06C 06	204073973-18	*No*	NAD [1]
	Location: NE Area Of First Floor Sloped Roof		
	Description: Green/Black, Homogeneous, Shingle Paper		
	Asbestos Types:		
	Other Material: Non-fibrous 12. %		
AC-07A 07	204073973-19	*Yes*	22 %
	Location: West Side Of Second Floor Of House		
	Description: Grey, Homogeneous, Cementitious, Shingle		
	Asbestos Types: Chrysotile 22. %		
	Other Material: Non-fibrous 78. %		
AC-07B 07	204073973-20		NA/PS
	Location: West Side Of Second Floor Of House		
	Description: Shingle		
	Asbestos Types:		
	Other Material:		

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RE A0314; American Cleaners; 48-50 Walnut St
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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-07C 07	204073973-21 **Location:** East Side - Second Floor Of House **Description:** Shingle **Asbestos Types:** **Other Material:**		NA/PS
AC-08A 08	204073973-22 **Location:** South Side - Second Floor House Roof **Description:** Green/Black, Homogeneous, Shingle **Asbestos Types:** **Other Material:** Non-fibrous 36. %	*No*	NAD [1]
AC-08B 08	204073973-23 **Location:** West Side - Second Floor House Roof **Description:** Green/Black, Homogeneous, Shingle **Asbestos Types:** **Other Material:** Non-fibrous 42.6 %	*No*	NAD [1]
AC-08C 08	204073973-24 **Location:** East Side - Second Floor House Roof **Description:** Green/Black, Homogeneous, Shingle **Asbestos Types:** **Other Material:** Non-fibrous 42.3 %	*No*	NAD [1]
AC-09A 09	204073973-25 **Location:** South Side - Southern Most Chimney **Description:** Beige, Homogeneous, Cementitious, Brick Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100. %	*No*	NAD

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Binghamton, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-09B 09	204073973-26 **Location:** West Side - Southern Most Chimney	*No*	NAD
	Description: Beige, Homogeneous, Cementitious, Brick Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100. %		
AC-09C 09	204073973-27 **Location:** East Side - Southern Most Chimney	*No*	NAD
	Description: Beige, Homogeneous, Cementitious, Brick Mortar **Asbestos Types:** **Other Material:** Non-fibrous 100. %		
AC-10A 10	204073973-28 **Location:** Window Of Southern - Facing Protrusion	*Yes*	< 1.% [1]
	Description: White, Homogeneous, Window Glazing **Asbestos Types:** Chrysotile Trace **Other Material:** Non-fibrous 15.4 %		
AC-10B 10	204073973-29 **Location:** Window Of Southern - Facing Protrusion	*Yes*	< 1.% [1]
	Description: White, Homogeneous, Window Glazing **Asbestos Types:** Chrysotile Trace **Other Material:** Non-fibrous 13.5 %		
AC-10C 10	204073973-30 **Location:** Window Of Northern - Facing Protrusion	*No*	NAD [1]
	Description: White, Homogeneous, Window Glazing **Asbestos Types:** **Other Material:** Non-fibrous 1.4 %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-11A	204073973-31	*Yes*	< 1.% [1]
11	**Location:** NE Corner Of Floor - Room A		
	Description: Grey, Homogeneous, 9x9 Floor Tile		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 33.8 %		
AC-11B	204073973-32	*Yes*	< 1.% [1]
11	**Location:** SE Corner Of Floor - Room A		
	Description: Grey, Homogeneous, 9x9 Floor Tile		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 31.1 %		
AC-11C	204073973-33	*Yes*	< 1.% [1]
11	**Location:** SW Corner Of Floor - Room A		
	Description: Grey, Homogeneous, 9x9 Floor Tile		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 9.5 %		
AC-12A	204073973-34	*No*	NAD [1]
12	**Location:** NE Corner Of Floor - Room A "Samples from Same Homogenous Area Composited for Analysis"		
	Description: Black, Homogeneous, 9x9 Floor Tile Mastic		
	Asbestos Types:		
	Other Material: Non-fibrous 30.7 %		
AC-12B	204073973-35		NA
12	**Location:** SE Corner Of Floor - Room A "Sample Included In Homogenous Area Composite"		
	Description: 9x9 Floor Tile Mastic		
	Asbestos Types:		
	Other Material:		

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RE A0314; American Cleaners; 48-50 Walnut St
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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-12C	204073973-36		NA
12	**Location:** SW Corner Of Floor - Room A "Sample Included In Homogenous Area Composite"		
	Description: 9x9 Floor Tile Mastic		
	Asbestos Types:		
	Other Material:		
AC-13A	204073973-37	*No*	NAD
13	**Location:** East Wall Of Room B		
	Description: OffWhite, Homogeneous, Gypsum Board		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
AC-13B	204073973-38	*No*	NAD
13	**Location:** West Wall Of Room B		
	Description: OffWhite, Homogeneous, Gypsum Board		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
AC-13C	204073973-39	*No*	NAD
13	**Location:** East Wall Of Room A		
	Description: OffWhite, Homogeneous, Gypsum Board		
	Asbestos Types:		
	Other Material: Non-fibrous 100. %		
AC-14A	204073973-40	*Yes*	57 %
14	**Location:** Boiler Pit Room - East Wall @ Ceiling		
	Description: Grey, Homogeneous, Pipe Insulation		
	Asbestos Types: Chrysotile 57. %		
	Other Material: Cellulose Trace, Non-fibrous 43.. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-14B 14	204073973-41 **Location:** Boiler Pit Room - East Wall @ Ceiling **Description:** Pipe Insulation **Asbestos Types:** **Other Material:**		NA/PS
AC-14C 14	204073973-42 **Location:** Boiler Pit Room - East Wall @ Ceiling **Description:** Pipe Insulation **Asbestos Types:** **Other Material:**		NA/PS
AC-15A 15	204073973-43 **Location:** Boiler Pit Room - East Wall **Description:** Grey, Homogeneous, Plaster **Asbestos Types:** **Other Material:** Animal hair 2. %, Cellulose Trace, Non-fibrous 98. %	*No*	NAD
AC-15B 15	204073973-44 **Location:** Boiler Pit Room -North Wall **Description:** Grey, Homogeneous, Cementitious, Plaster **Asbestos Types:** **Other Material:** Animal hair Trace, Cellulose 1. %, Non-fibrous 99. %	*No*	NAD
AC-15C 15	204073973-45 **Location:** Boiler Pit Room -West Wall **Description:** Grey, Homogeneous, Cementitious, Plaster **Asbestos Types:** **Other Material:** Cellulose Trace, Non-fibrous 100. %	*No*	NAD

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-16A 16	204073973-46	*Yes*	< 1.% [1]
	Location: Eastern Most Window South Wall Of Room C		
	Description: Grey, Homogeneous, Window Glazing/Caulk		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 2. %		
AC-16B 16	204073973-47	*Yes*	< 1.% [1]
	Location: Large Central Window South Wall Of Room C		
	Description: Grey, Homogeneous, Window Glazing/Caulk		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 2.6 %		
AC-16C 16	204073973-48	*Yes*	< 1.% [1]
	Location: Western Most Window South Wall Of Room C		
	Description: Grey, Homogeneous, Window Glazing/Caulk		
	Asbestos Types: Chrysotile Trace		
	Other Material: Non-fibrous 2.6 %		
AC-17A 17	204073973-49	*No*	NAD
	Location: Room #3 - South Wall		
	Description: Grey, Homogeneous, Cementitious, Gypsum Board		
	Asbestos Types:		
	Other Material: Animal hair 2. %, Cellulose Trace, Non-fibrous 98. %		
AC-17B 17	204073973-50	*No*	NAD
	Location: Room #6 - North Wall Beneath Staircase		
	Description: Grey, Homogeneous, Cementitious, Gypsum Board		
	Asbestos Types:		
	Other Material: Cellulose Trace, Non-fibrous 100. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-17C	204073973-51	*No*	NAD
17	**Location:** Room #2 - West Wall		
	Description: Grey, Homogeneous, Cementitious, Gypsum Board		
	Asbestos Types:		
	Other Material: Animal hair 3. %, Cellulose Trace, Non-fibrous 97. %		
AC-18A	204073973-52	*No*	NAD
18	**Location:** Room #7 - NW Corner Of Floor		
	Description: Green, Homogeneous, Floor Paper		
	Asbestos Types:		
	Other Material: Cellulose 20. %, Synthetic fibers 70. %, Non-fibrous 10. %		
AC-18B	204073973-53	*No*	NAD
18	**Location:** Room #7 - SE Corner Of Floor		
	Description: Green, Homogeneous, Floor Paper		
	Asbestos Types:		
	Other Material: Cellulose 20. %, Synthetic fibers 70. %, Non-fibrous 10. %		
AC-18C	204073973-54	*No*	NAD
18	**Location:** Room #5 - Center Of Floor		
	Description: Green, Homogeneous, Floor Paper		
	Asbestos Types:		
	Other Material: Cellulose 20. %, Synthetic fibers 70. %, Non-fibrous 10. %		
AC-19A	204073973-55	*Yes*	57 %
19	**Location:** Room #6 - Vertical Pipes In NW Corner		
	Description: Grey, Homogeneous, Pipe Insulation		
	Asbestos Types: Chrysotile 57. %		
	Other Material: Cellulose 20. %, Non-fibrous 23. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-19B	204073973-56		NA/PS
19	**Location:** Room #6 - Verticle Pipes In NW Corner		
	Description: Pipe Insulation		
	Asbestos Types:		
	Other Material:		
AC-19C	204073973-57		NA/PS
19	**Location:** Room #6 - Verticle Pipes In NW Corner		
	Description: Pipe Insulation		
	Asbestos Types:		
	Other Material:		
AC-20A	204073973-58	*No*	NAD [1]
20	**Location:** Room B4 - Electrical Panel On West Wall		
	Description: Grey, Homogeneous, Cloth Wire Insulation		
	Asbestos Types:		
	Other Material: Non-fibrous 5.6 %		
AC-20B	204073973-59	*No*	NAD [1]
20	**Location:** Boiler Pit Room - Electrical Panel On West Wall		
	Description: Grey, Homogeneous, Cloth Wire Insulation		
	Asbestos Types:		
	Other Material: Non-fibrous 3. %		
AC-20C	204073973-60	*No*	NAD [1]
20	**Location:** Room #4 - Light Switch On West Wall		
	Description: Grey, Homogeneous, Cloth Wire Insulation		
	Asbestos Types:		
	Other Material: Non-fibrous 1. %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AC-21A	204073973-61	*Yes*	24 %
21	**Location:** North Exterior Of House - Cylindrical Chimney Stack		
	Description: Grey, Homogeneous, Cementitious, Cementitious Insulation		
	Asbestos Types: Chrysotile 24. %		
	Other Material: Non-fibrous 76. %		
AC-21B	204073973-62		NA/PS
21	**Location:** North Exterior Of House - Cylindrical Chimney Stack		
	Description: Cementitious Insulation		
	Asbestos Types:		
	Other Material:		
AC-21C	204073973-63		NA/PS
21	**Location:** North Exterior Of House - Cylindrical Chimney Stack		
	Description: Cementitious Insulation		
	Asbestos Types:		
	Other Material:		

Reporting Notes:
(1) PLM analysis of NOB inert material.

Analyzed by: Bella J. Chernis

*NAD/NSD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200546-0) and ELAP PLM Analysis Protocol 198.1 for New York samples (NYSDOH ELAP Lab # 11480); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. **This PLM report relates ONLY to the items tested. AIHA# 102843.**

Reviewed By:

Table I
Summary of Bulk Asbestos Analysis Results
A0314; American Cleaners; 48-50 Walnut St Binghamton, NY

AmeriSci Sample #	Client Sample# Location	HG Area	Sample Weight	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	AC-01A SW Corner Of Flat Roof	01	0.331	94.26	4.83	0.91	NAD	NAD
02	AC-01B Eastern Area Of Flat Roof	01	0.491	94.30	0.41	5.20	NAD	Chrysotile Trace
03	AC-01C Center Of Garage Roof	01	0.307	95.11	4.56	0.33	NAD	NAD
04	AC-02A SW Corner Of Flat Roof	02	----	----	----	----	NAD	NA
05	AC-02B Eastern Area Of Flat Roof	02	----	----	----	----	NAD	NA
06	AC-02C Center Of Garage Roof	02	----	----	----	----	NAD	NA
07	AC-03A SW Corner Of Flat Roof	03	0.323	68.73	9.91	21.36	NAD	NAD
08	AC-03B Eastern Area Of Flat Roof	03	0.673	98.07	0.74	1.19	NAD	NAD
09	AC-03C Center Of Garage Roof	03	0.42	99.05	0.48	0.48	NAD	NAD
10	AC-04A Center Of South Parapet Wall	04	0.397	75.82	6.80	11.18	Chrysotile 6.2	NA
11	AC-04B Base Of Billboard Bracket	04	0.295	77.97	7.12	14.92	NA/PS	NA
12	AC-04C Base Of Flue At Eastern Area Of Flat Roof	04	0.453	76.60	6.62	16.78	NA/PS	NA
13	AC-05A SW Area Of First Floor Sloped Roof	05	0.549	20.40	13.11	66.48	NAD	NAD

See Reporting notes on last page

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Summary of Bulk Asbestos Analysis Results
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AmeriSci Sample #	Client Sample# Location	HG Area	Sample Weight	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
14	AC-05B NW Area Of First Floor Sloped Roof	05	0.395	21.27	13.92	64.81	NAD	NAD
15	AC-05C NE Area Of First Floor Sloped Roof	05	0.655	20.15	12.67	67.18	NAD	NAD
16	AC-06A SW Area Of First Floor Sloped Roof	06	0.092	94.57	1.09	4.35	NAD	NAD
17	AC-06B NW Area Of First Floor Sloped Roof	06	0.147	96.60	0.68	2.72	NAD	NAD
18	AC-06C NE Area Of First Floor Sloped Roof	06	0.125	81.60	6.40	12.00	NAD	NAD
19	AC-07A West Side Of Second Floor Of House	07	----	----	----	----	Chrysotile 22.	NA
20	AC-07B West Side Of Second Floor Of House	07	----	----	----	----	NA/PS	NA
21	AC-07C East Side - Second Floor Of House	07	----	----	----	----	NA/PS	NA
22	AC-08A South Side - Second Floor House Roof	08	0.586	59.56	4.44	36.01	NAD	NAD
23	AC-08B West Side - Second Floor House Roof	08	0.523	50.86	6.50	42.64	NAD	NAD
24	AC-08C East Side - Second Floor House Roof	08	0.366	46.45	11.20	42.35	NAD	NAD
25	AC-09A South Side - Southern Most Chimney	09	----	----	----	----	NAD	NA
26	AC-09B West Side - Southern Most Chimney	09	----	----	----	----	NAD	NA

See Reporting notes on last page

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27	AC-09C	09	----	----	----	----	NAD	NA
	East Side - Southern Most Chimney							
28	AC-10A	10	0.155	16.13	68.39	13.98	Chrysotile Trace	Anthophyllite Trace
	Window Of Southern - Facing Protrusion							Chrysotile 1.4
29	AC-10B	10	0.296	11.15	75.34	13.51	Chrysotile Trace	NA/PS
	Window Of Southern - Facing Protrusion							
30	AC-10C	10	0.285	9.82	88.77	1.40	NAD	NA/PS
	Window Of Northern - Facing Protrusion							
31	AC-11A	11	0.213	26.29	39.91	25.05	Chrysotile Trace	Anthophyllite <1.0
	NE Corner Of Floor - Room A							Chrysotile 8.5
32	AC-11B	11	0.401	27.18	41.65	31.17	Chrysotile Trace	NA/PS
	SE Corner Of Floor - Room A							
33	AC-11C	11	0.365	25.75	64.66	9.59	Chrysotile Trace	NA/PS
	SW Corner Of Floor - Room A							
34	AC-12A	12	0.052	55.77	13.46	30.52	NAD	Chrysotile <1.0
	NE Corner Of Floor - Room A "Samples from Same Homogenous Area Composited for Analysis"							
35	AC-12B	12	----	----	----	----	NA	NA/PS
	SE Corner Of Floor - Room A "Sample Included In Homogenous Area Composite"							
36	AC-12C	12	----	----	----	----	NA	NA/PS
	SW Corner Of Floor - Room A "Sample Included In Homogenous Area Composite"							
37	AC-13A	13	----	----	----	----	NAD	NA
	East Wall Of Room B							
38	AC-13B	13	----	----	----	----	NAD	NA
	West Wall Of Room B							
39	AC-13C	13	----	----	----	----	NAD	NA
	East Wall Of Room A							

Table I
Summary of Bulk Asbestos Analysis Results
A0314; American Cleaners; 48-50 Walnut St Binghamton, NY

AmeriSci Sample #	Client Sample# Location	HG Area	Sample Weight	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
40	AC-14A Boiler Pit Room - East Wall @ Ceiling	14	----	----	----	----	Chrysotile 57.	NA
41	AC-14B Boiler Pit Room - East Wall @ Ceiling	14	----	----	----	----	NA/PS	NA
42	AC-14C Boiler Pit Room - East Wall @ Ceiling	14	----	----	----	----	NA/PS	NA
43	AC-15A Boiler Pit Room - East Wall	15	----	----	----	----	NAD	NA
44	AC-15B Boiler Pit Room -North Wall	15	----	----	----	----	NAD	NA
45	AC-15C Boiler Pit Room -West Wall	15	----	----	----	----	NAD	NA
46	AC-16A Eastern Most Window South Wall Of Room C	16	0.635	8.66	88.50	2.73	Chrysotile Trace	Chrysotile Trace
47	AC-16B Large Central Window South Wall Of Room C	16	0.687	9.32	88.06	2.52	Chrysotile Trace	Chrysotile Trace
48	AC-16C Western Most Window South Wall Of Room C	16	0.644	9.47	87.89	2.54	Chrysotile Trace	Chrysotile Trace
49	AC-17A Room #3 - South Wall	17	----	----	----	----	NAD	NA
50	AC-17B Room #6 - North Wall Beneath Staircase	17	----	----	----	----	NAD	NA
51	AC-17C Room #2 - West Wall	17	----	----	----	----	NAD	NA
52	AC-18A Room #7 - NW Corner Of Floor	18	----	----	----	----	NAD	NA

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
A0314; American Cleaners; 48-50 Walnut St Binghamton, NY

AmeriSci Sample #	Client Sample# Location	HG Area	Sample Weight	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
53	AC-18B Room #7 - SE Corner Of Floor	18	----	----	----	----	NAD	NA
54	AC-18C Room #5 - Center Of Floor	18	----	----	----	----	NAD	NA
55	AC-19A Room #6 - Vertical Pipes In NW Corner	19	----	----	----	----	Chrysotile 57.	NA
56	AC-19B Room #6 - Verticle Pipes In NW Corner	19	----	----	----	----	NA/PS	NA
57	AC-19C Room #6 - Verticle Pipes In NW Corner	19	----	----	----	----	NA/PS	NA
58	AC-20A Room B4 - Electrical Panel On West Wall	20	0.053	88.68	5.66	5.66	NAD	NAD
59	AC-20B Boiler Pit Room - Electrical Panel On West Wall	20	0.065	80.00	16.92	3.08	NAD	NAD
60	AC-20C Room #4 - Light Switch On West Wall	20	0.093	51.61	47.31	1.08	NAD	NAD
61	AC-21A North Exterior Of House - Cylindrical Chimney.Stack	21	----	----	----	----	Chrysotile 24.	NA
62	AC-21B North Exterior Of House - Cylindrical Chimney Stack	21	----	----	----	----	NA/PS	NA

Table I
Summary of Bulk Asbestos Analysis Results
A0314; American Cleaners; 48-50 Walnut St Binghamton, NY

AmeriSci Sample #	Client Sample# Location	HG Area	Sample Weight	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
63	AC-21C North Exterior Of House - Cylindrical Chimney Stack	21	----	----	----	----	NA/PS	NA

Analyzed by: Jonathan M. Teda; Date Analyzed 7/27/04

Quantitative Analysis (Semi/Full); Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR (NVLAP Lab#200546-0); TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation); or ELAP 198.1/198.4 for New York samples (NYSDOH ELAP#11480); NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIHA Lab#102843. NVLAP# 200546-0

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogenous materials).

Reviewed By:

Relinquished By: [illegible] Date/Time: 7/21/04

Received By: ~~[illegible]~~ FEDEX Date/Time: 7/21/04 4

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Received By: Candace Coles Date/Time: 7/22/04 1130

AMERI SCI

BULK SAMPLE SHEET

117 EAST 30TH STREET
NEW YORK, NY 10016
TOLL FREE (800) 705-5227
Fax (212) 679-3114

Company: YEC, Inc.

Street Address: 612 Corporate Way, Suite 4M

City: Valley Cottage State: NY Zip: 10989

Phone: 845-268-3203 Fax: 845-268-5313

Site/Secondary ~~Fax #~~: Cell Phone: 631-796-4640

Results to: John LoMonaco - please FAX

SCILAB #: 204073973

Project: American Cleaners

Project Address: 48-50 Walnut St., Binghamton Project #: A0314

Project Manger: John LoMonaco

Analysis: __PLM Only __TEM Only ✓NY ELAP PLM/TEM with NOB Prep.
__ASTM Dust (microvac) __ASTM Dust (Wipe) __Other (describe in comments)

Turnaround Time: 5-Day Material Type: ✓Bulk __Dust __Water

Sampled By: John LoMonaco Date Sampled: 7/19/04

Special Instructions or Comments:
Stop @ 1ST Positive.

Field ID	Location	Sample Description (for dust- size of surface area sampled)	Homogenous Area (HA #)
AC-01A	Black Roof Tar	SW corner of flat roof	
AC-01B	↓	Eastern area of flat roof	
AC-01C	↓	Center of Garage roof	
AC-02A	Brown Hair-like Insulation	SW corner of flat roof	
AC-02B	↓	Eastern area of flat roof	
AC-02C	↓	Center of Garage roof	
AC-03A	Black Tar Paper	SW corner of flat roof	
AC-03B	↓	Eastern area of flat roof	
AC-03C	↓	Center of Garage roof	
AC-04A	Gray Tar Patching Material	Center of South Parapet Wall	
AC-04B	↓	Base of Billboard Bracket	
AC-04C	↓	Base of Flue at Eastern area of flat roof	
AC-05A	Light Green Shingle	SW area of first floor sloped roof	
AC-05B	↓	NW ↓ ↓ ↓ ↓	
AC-05C	↓	NE	

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BULK SAMPLE SHEET

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NEW YORK, NY 10016
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Fax (212) 679-3114

7/14/2004 14:14 2126793114 SCILAB NYC ADMIN PAGE 02/03

Company: YEC, Inc.
Street Address: 612 Corporate Way, Suite 4M
City: Valley Cottage State: NY Zip: 1098
Phone: 845-268-3203 Fax: 845-268-5313
Site/Secondary Fax #: Cell phone: 631-796-4640
Results to: John LoMonaco - please FAX
Special Instructions or Comments:
Stop @ 1st Positive

SciLab #: 20407397 3

Project: American Cleaners
Project Address: 48-50 Walnut St. - Binghamton Project #: A0314
Project Manger: John LoMonaco
Analysis: __PLM Only __TEM Only ✓NY ELAP PLM/TEM with NOB Prep.
__ASTM Dust (microvac) __ASTM Dust (Wipe) __Other (describe in comments)
Turnaround Time: 5-Day Material Type: ✓Bulk __Dust __Water
Sampled By: John LoMonaco Date Sampled: 7/19/04

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
AC-06A	Light Green Shingle Paper (Black)	SW area of first floor sloped roof	
-06B	↓	NW ↓	
-06C	↓	NE ↓	
-07A	Gray Shingles	West Side of Second floor of house	
-07B	↓	↓	
-07C	↓	East Side - Second floor of house	
-08A	Green Shingles	South Side - Second floor house roof	
-08B	↓	West Side - ↓	
-08C	↓	East Side - ↓	
-09A	Beige Chimney Brick Mortar	South Side - Southern-most chimney	
-09B	↓	West Side - ↓	
-09C	↓	East Side - ↓	
-10A	White Window Glaze	Window of southern-facing protrusion	
-10B	↓	↓	
-10C	↓	Window of northern-facing protrusion	

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117 EAST 30TH STREET
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TOLL FREE (800) 705-5227
Fax (212) 679-3114

07/14/2004 14:14 2126793114

Company: YEC, Inc.
Street Address: 612 Corporate Way Suite 4.M
City: Valley Cottage State: NY Zip: 10989
Phone: 845-268-3203 Fax: 845-268-5313
Site/Secondary Fax#: Cell phone : 631-796-4640
Results to: John LoMonaco - Please FAX

Project: American Cleaners
SCILAB #: 20407397 3
Project Address: 48-50 Walnut St. Binghamton Project #: A0314
Project Manger: John LoMonaco
Analysis: __PLM Only __TEM Only ✓NY ELAP PLM/TEM with NOB Prep.
__ASTM Dust (microvac) __ASTM Dust (Wipe) __ Other (describe in comments)
Turnaround Time: 5-Day Material Type: ✓Bulk __Dust __Water
Sampled By: John LoMonaco Date Sampled: 7/19/04

Special Instructions or Comments:
Sample AC-12 A,B,C ; ~~Submitted~~ with floor tile - Only analyze mastic. Stop @ 1st Positive

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
AC-11A	NE Corner of Floor - Room A	9"x9" ~~Floor~~ Floor Tile	
11B	SE	↓	
11C	SW	↓	
12A	NE Corner of Floor - Room A	9"x9" Floor Tile Mastic	
12B	SE	↓	
12C	SW	↓	
13A	East Wall of Room B	Gypsum Board	
13B	West Wall of Room B	↓	
13C	East Wall of Room A	↓	
14A	Boiler Pit Room - East Wall @ Ceiling	Pipe Insulation	
14B	↓	↓	
14C	↓	↓	
15A	Boiler Pit Room - East Wall	Plaster on Stone Wall	
15B	↓ North Wall	↓	
15C	↓ West Wall	↓	

SCILAB NYC ADMIN

PAGE 02/03

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07/14/2004 14:14 2126793114 SCILAB NYC ADMIN PAGE 02/03

Company: YEC, Inc.
Street Address: 612 Corporate Way, Suite 4M
City: Valley Cottage State: NY Zip: 10989
Phone: 845-268-3203 Fax: 845-268-5313
Site/Secondary Fax #: Cell phone: 631-796-4640
Results to: John LoMonaco - Please FAX

SciLab #: 20407397 3
Project: American Cleaners
Project Address: 48-50 Walnut St. - Binghamton Project #: A0314
Project Manger: John LoMonaco
Analysis: __PLM Only __TEM Only ✓NY ELAP PLM/TEM with NOB Prep.
__ASTM Dust (microvac) __ASTM Dust (Wipe) __Other (describe in comments)
Turnaround Time: 5-Day Material Type: ✓Bulk __Dust __Water
Sampled By: John LoMonaco Date Sampled: 7/15/04

Special Instructions or Comments:

Field ID	Location	Sample Description (for dust= size of surface area sampled)	Homogenous Area (HA #)
AC-16A	Eastern-most window: South wall of Room C	Window glaze/caulk	
16B	Large central window	↓	
16C	Western-most window	↓	
17A	Room #3 - South wall	Gypsum Board	
17B	Room #6 - North wall beneath staircase	↓	
17C	Room #2 - West wall	↓	
18A	Room #7 - NW corner of floor	Floor Paper - Decorative	
18B	Room #7 - SE corner of floor	↓	
18C	Room #5 - Center of floor	↓	
19A	Room #6 - Verticle pipes in NW corner	Pipe Insulation	
19B	↓	↓	
19C	↓	↓	

Relinquished By: John LoMonaco Date/Time: 7/21/04 4PM

Received By: Fed Ex Date/Time: 7/21/04 4PM

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BULK SAMPLE SHEET

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TOLL FREE (800) 705-5227
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Company: YEC, Inc.

Street Address: 612 Corporate Way, Suite 4M

City: Valley Cottage State: NY Zip: 10989

Phone: 845-268-3203 Fax: 845-268-5313

Site/Secondary ~~Fax #~~: Cell phone: 631-796-4640

Results to: John LoMonaco - Please FAX

SciLAB #: 20407397 3

Project: American Cleaners

Project Address: 48-50 Walnut St. - Binghamton Project #: A0314

Project Manger: John LoMonaco

Analysis: __PLM Only __TEM Only ✓NY ELAP PLM/TEM with NOB Prep.
__ASTM Dust (microvac) __ASTM Dust (Wipe) __Other (describe in comments)

Turnaround Time: 5-Day Material Type: ✓Bulk __Dust __Water

Sampled By: John LoMonaco Date Sampled: 7/20/04

Special Instructions or Comments:

Analyze AC-20A,B,C * Do not stop @ 1ST Positive, Stop @ 1ST positive analyzing ~~AC-20~~ AC-21.

Field ID	Location	Sample Description (for dust- size of surface area sampled)	Homogenous Area (HA #)
AC-20A	Room B4 - Electrical Panel on West Wall	Cloth Wire Insulation	
20B	Boiler Pit Room - Electrical Panel on West Wall	↓	
20C	Room #4 - Light switch on west wall	↓	
-21A	North exterior of house - Cylindrical Chimney Stack	Cementitious Insulation	
21B	↓	↓	
21C	↓	↓	

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DUE DATE:

☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☑ 5 DAY ☐ 7 DAY ☐ 10 DAY

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COMPANY: YEC, Inc.

ADDRESS: 612 Corporate Way - Suite 4M, Valley Cottage, NY 10989

PHONE: 845-268-3203 FAX 1: 845-268-5313 FAX 2: Cell: 631-796-4640

CLIENT CONTACT: John LoMonaco EMAIL: JOHNLOMONACO.YEC@VERIZON.NET

PROJECT NAME: American Cleaners PROJECT NUMBER: A0314 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	TIME	TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	Atomic Absorption Spectrometry (Lead)	Notes:
	LAC-01	CH	4x4	P	1	7/20/04	8:15	Scrape	G	-		✓	
	-02						8:30						
	-03						8:45						
	-04						9:00						
	-05						9:15						
	-06						9:30						
	-07						9:45						
	-08						10:00						
	-09						10:15						
	-10						10:30						
	-11						10:45						
	-12						11:00						

SAMPLED BY: (PRINT)	John LoMonaco	DATE: 7/21/04	RECEIVED BY: (PRINT)	Fed Ex	DATE: 7/21/04
(SIGN)	John LoMonaco	TIME: 4:00 PM	(SIGN)		TIME: 4:00 PM
RELINQUISHED BY: (PRINT)		DATE:	RECEIVED BY: (PRINT)	Candace Coles	DATE: 7/22/04
(SIGN)		TIME:	(SIGN)	Candace Coles	TIME: 1130
RELINQUISHED BY: (PRINT)		DATE:	RECEIVED FOR LABORATORY BY: (PRINT)	MARK BOYD	DATE: 7/23/04
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ADDRESS: 612 Corporate Way - Suite 4M Valley Cottage, NY 10989

PHONE: 845-268-3203 **FAX 1:** 845-268-5313 **~~FAX 2:~~** cell: 631-796-4640

CLIENT CONTACT: John LoMonaco **EMAIL:** JOHNLOMONACO.YEC@VERIZON.NET

PROJECT NAME: American Cleaners **PROJECT NUMBER:** A0314 **PROJECT STATE:** NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	Atomic Absorption Spectrometry (AAS)	Notes:
	LAC-13	CH	4x4	P	1	7/20/04	11:15	Scrape	G	-			
	14						11:30						
	15						11:45						
	16						12:00						
	17						12:15						
	18						12:30						
	19						12:45						
	20						13:00						
	21						13:15						
	22						13:30						
	23						13:45						
	24						14:00						

SAMPLED BY: (PRINT)	John LoMonaco	**DATE:** 7/21/04	**RECEIVED BY: (PRINT)**	Fed Ex	**DATE:** 7/21/04
(SIGN)	John LoMonaco	**TIME:** 4:00 PM	**(SIGN)**		**TIME:** 4:00 PM
RELINQUISHED BY: (PRINT)		**DATE:**	**RECEIVED BY: (PRINT)**	CHASE CORES	**DATE:** 7/22/04
(SIGN)		**TIME:**	**(SIGN)**	Carol Cores	**TIME:** 1130
RELINQUISHED BY: (PRINT)		**DATE:**	**RECEIVED FOR LABORATORY BY: (PRINT)**	MARK POTA	**DATE:** 7/23/04
(SIGN)		**TIME:**	**(SIGN)**	Mark P	**TIME:** 10:30

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ADDRESS: 612 Corporate Way - Suite 4M Valley Cottage, NY 10989

PHONE: 845-268-3203 FAX 1: 845-268-5313 FAX 2: cell: 631-796-4640

CLIENT CONTACT: John LoMonaco EMAIL: JOHNLOMONACO.YEC@VERIZON.NET

PROJECT NAME: American Cleaners PROJECT NUMBER: A0314 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	Atomic Absorption Spectrometry (AAS)	Notes:
LAC-	25	CH	4X4	P	1	7/20/04	14:15	Scrape	G	—		✓	
	26						14:30						
	27						14:45						
	28						15:00						
	29						15:15						
	30						15:30						
	31						15:45						

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(SIGN)	TIME: 4:00 PM	(SIGN)	TIME: 4:00 PM
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED BY: (PRINT) Candace Cokes	DATE: 7/22/04
(SIGN)	TIME:	(SIGN)	TIME: 1130
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: (PRINT) MARK PONTA	DATE: 7/23/04
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2 FROM (Your Name) Cecil Phone (800) 705-5227

Company: SCILAB

Street Address: 117 EAST 30TH STREET Room/Floor:

City: NEW YORK State: NY Zip Code: 10016

3 TO (Recipient's Name) Phone (888) 724-5221

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City: WEYMOUTH State: MA Zip Code: 02189

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4 Shipper Billing Reference

5 Release Signature

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- ☐ Next Business Day (By 5 pm)
- ☐ Night Owl (Late Night Pick-up) WOB
- ☐ Same Day (Nationwide Next Flight or Door to Door Direct Drive)

Pieces: 1

Weight: 10 lbs. (Subject to correction)

Reweigh: _____

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Appendix D

Lead-based Paint Field Notes Summary

A Lead-Based Paint Inspection was conducted on 7/20/04, at the American Cleaners Site, Binghamton, NY. The lead-based paint inspection was performed to identify paint that contains lead above allowable levels. Lead-based paint is defined as paint or other surface coatings that contain lead equal to or in excess of 1.0 milligrams per square centimeter or more than 0.5 percent by weight. Shaded areas indicate lead based paint.

First Floor – Rooms A, B and C (All paint sampled in these rooms was not lead-based) (Figure 2)

1. Sample LAC-01 – White Paint on Metal – not LBP
   Sample taken from the SE corner of the tin drop ceiling located in Room A
   - Analysis of this paint chip yielded <0.5% lead by weight (LBW)
   - Equivalent paint existed on the drop ceiling in Room C
2. Sample LAC-02 – White/Gold Paint on Gypsum Board – not LBP
   - Sample taken from the south wall of Room A
     Analysis yielded <0.5% LBW
     Equivalent paint existed on the other three walls of Room A
3. Sample LAC-03 – White Paint on Wood – not LBP
   Sample taken from the interior north door of Room A
   - Analysis yielded <0.5% LBW
   - Equivalent paint existed on this doorframe and the door and doorframe on the inside of the north door of Room B
4. Sample LAC-04 – White Paint on Gypsum Board – not LBP
   Sample taken from the west wall of Room B
   Analysis yielded <0.5% LBW
   - Equivalent paint existed on the remaining three walls and the ceiling of Room B
5. Sample LAC-05 – Yellow/Gray Paint on Concrete – not LBP
   - Sample taken from the north wall of Room C
   - Analysis yielded <0.5% LBW
   - Equivalent paint existed on the south wall of Room C
6. Sample LAC-06 – Yellow Paint on Gypsum Board – not LBP
   - Sample taken from the west wall of Room C
     Analysis yielded <0.5% LBW
   - Equivalent paint existed on the interior east wall of Room C
7. Sample LAC-07 – Yellow/Gray/Green Paint on Metal – not LBP
   - Sample taken from the east doorframe in Room C leading to the basement stairwell
   - Analysis yielded <0.5% LBW
8. Sample LAC-15 – Gray Paint on Metal – not LBP
   - Sample taken from the interior east exit door in Room C leading to the outside walkway
   - Analysis yielded <0.5% LBW
     Equivalent paint existed on the associated doorframe

First Floor of House – LBP (Rooms 1-8) (Figure 2)

1. Sample LAC-08 – Yellow/Beige Paint on Gypsum Board – LBP
   - Sample taken from the east wall of Room 1
   - Equivalent paint existed on all walls and ceilings of Rooms 1 and 2
   - Equivalent paint existed on all walls of Room 6

2. Sample LAC-09 – Yellow/Green Paint on Wood - LBP
   - Sample taken from the doorframe connecting Rooms 2 and 4
   - Equivalent paint existed on all doorframes in Room 4, connecting Rooms 1,2,3,6, and 7
   - Equivalent paint existed on doorframe connecting Rooms 5 and 6
   - Equivalent paint existed on all window frames in Rooms 4 and 7
   - Equivalent paint existed on baseboards of Room 6
3. Sample LAC-10 – Green Paint on Gypsum Board – not LBP
   - Sample taken from south wall of Room 4
   - Analysis yielded <0.5% LBW
   - Equivalent paint existed on all walls and ceiling of Room 3
   - Equivalent paint existed on all walls of Rooms 4,7 and 5

Second Floor of House – LBP (Rooms 9-15) (Figure 3)

1. Sample LAC-11 – Beige/Yellow/White Paint on Wood - LBP
   - Sample taken from doorframe connecting Rooms 9 and 12 (see Figure 3)
   - Equivalent paint existed on all doors and doorframes, window frames, and baseboards in Rooms 9-15
2. Sample LAC-12 – Beige Paint on Gypsum Board – not LBP
   - Sample taken from the west wall of Room 15
   - Analysis yielded <0.5% LBW
   - Equivalent paint existed on three remaining walls and ceiling of Room 15
   - Equivalent paint existed on all walls and ceiling in Rooms 10 and 13
   - Equivalent paint existed on ceilings in Rooms 11, 12 and 14
3. Sample LAC–13 – Green Paint on Gypsum - LBP
   - Sample taken from north wall in Room 9
   - Equivalent paint existed on all walls and ceilings in Room 9
4. Sample LAC-14 – Brown Paint on Wood - LBP
   - Sample taken from the stairs between first and second floors of the house, between Rooms 6 and 9

Basement- LBP (B-Main, B1, B2, B3, B4 and B5) (Figure 4) No paint was found in the Boiler Pit Room or the Storage Room

1. Sample LAC-16 – Gray/White Paint on Concrete - LBP
   - Sample taken from the west wall of Room B1
   - Equivalent paint existed on all walls of Room B1
2. Sample LAC-17 – Beige Paint on Wood – not LBP

- Sample taken from the doorframe of Room B1
- Analysis yielded <0.5% LBW
- **Equivalent paint existed on door** of Room B1
- Equivalent paint existed on doors and doorframes of Rooms B2 and B3

3. Sample LAC-18 – Beige Paint on Concrete – not LBP
   - Sample taken from the north wall of Room B2
   - Analysis yielded <0.5% LBW
   - **Equivalent paint existed on all** walls of Room B2
   - Equivalent paint existed on the north, south and west walls of Room B4
4. Sample LAC-19 – White Paint on Metal – not LBP
   - Sample taken from the central horizontal ceiling beam in Room B-Main
   - Analysis yielded <0.5% LBW
   - **Equivalent paint existed on all** vertical and horizontal metal supports in Room B-Main
5. Sample LAC-20 – Yellow Paint on Concrete – not LBP
   - Sample taken from the north wall of Room B3
   - Analysis yielded <0.5% LBW
   - **Equivalent paint existed on the** remaining three walls
6. Sample LAC-21 – Yellow Paint on Concrete - LBP
   - Sample taken from the south wall of Room B-Main
   - Equivalent paint existed on all walls of B-Main
7. Sample LAC-22 – Gray Paint on Concrete – LBP
   - Sample taken from south wall of Room B5
   - Equivalent paint existed on all walls of Room B5 and all walls and ceilings of Room 8
   - Room B5 and Room 8 are connected with a stairwell
8. Sample LAC-23 – Gray Paint on Metal – LBP
   - Sample taken from north door of Room B-Main to Room B5
   - Equivalent paint existed on this particular doorframe and on the door and doorframe at the east end of Room B-main, leading to stairwell

Exterior of the Structure – LBP (Figure 2)

1. LAC-24 – Gray Paint on Concrete – not LBP
   - Sample taken from the exterior north face of Room B
   - Analysis yielded <0.5% LBW
   - **Equivalent paint existed on the** exterior west face of Room B

2. LAC-25 – Gray Paint on Shingle – not LBP
   - Sample taken from the north face of the house
   - Analysis yielded <0.5% LBW
   - **Equivalent paint existed on the** exterior east and west faces of the second floor of the house
   - Equivalent paint existed on the exterior east face of the first floor of the house
3. LAC-26 – Gray Paint on Brick – not LBP
   - Sample taken from the exterior west face of Room A
   - Analysis yielded <0.5% LBW

- Equivalent paint existed on the brick portion of the western edge of the exterior south face of Room A
- Equivalent paint existed on the brick window sill on the exterior south face of Room A

4. LAC-27 – Gray Paint on Stone – not LBP
   - Suspect LBP was sampled from the exterior south face of Room C
   - Analysis yielded <0.5% LBW
   - Equivalent paint existed on the north exterior face of Room C.
5. LAC–28 – White Paint on Stone – not LBP
   - Sample taken from the exterior east face of Room C
   - Analysis yielded <0.5% LBW
6. LAC-29 – Gray/White Paint on Wood – not LBP
   - Sample taken from the exterior of the door to the Room C stairwell
   - Analysis yielded <0.5% LBW
7. LAC-30 – Gray Paint on Concrete – not LBP
   - Sample taken from the exterior south face (concrete) of the Garage
   - Analysis yielded <0.5% LBW
8. Sample LAC-31 – Grey Paint on Wood - LBP
   - Sample taken from exterior of door leading to Room 8
   - Equivalent paint existed on doorframe and interior of this particular door

Comments:

Any substrate not mentioned above was not painted. For example, some walls had wallpaper over gypsum board, and others had wood paneling over gypsum board. Drop ceilings would cover unpainted gypsum board or wood ceilings.

Appendix E

Lead-based Paint Sample Results and Chains of Custody

TRANSACTION REPORT

JUL.26.2004.MON 05:19 PM

FAX(TX)

#	DATE	START T.	RECEIVER	COM.TIME	PAGE	TYPE/NOTE	FILE
01	JUL.26	05:05PM	18452685313	0:03:28	11	OK ECM	2846

Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. John LoMonaco
YEC Inc.

Fax # 845-268-5313

AmeriSci Job# 0407-00361
Subject: AMERICAN CLEANERS: Pb CHIP

Pages: _____

Date: Monday, July 26, 2004

Time: 4:42:18PM

Comments:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
781-337-9334

Laboratory Report

Report Date 07/26/2004
Workorder No. 0407-00361

Customer: YEC Inc.
612 Corporation Way
Valley College, NY 10989

Attention: Mr. John LoMonaco

Subject: AMERICAN CLEANERS: Pb CHIPS

Sample: 001 LAC-01
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.0842	%	0.0120	NAP	07/26/2004	

Sample: 002 LAC-02
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	ND	%	0.0129	NAP	07/26/2004	

Sample: 003 LAC-03
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.0262	%	0.0130	NAP	07/26/2004	

Sample: 004 LAC-04
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.217	%	0.0125	NAP	07/26/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

ND = Not Detected **PQL= Practical Quantitation Limit**

AMERI SCI

Customer: YEC Inc.

Workorder No. 0407-00361

Sample: 005 LAC-05
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.447	%	0.0349	NAP	07/26/2004	

Sample: 006 LAC-06
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.0232	%	0.0134	NAP	07/26/2004	

Sample: 007 LAC-07
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.262	%	0.0230	NAP	07/26/2004	

Sample: 008 LAC-08
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.548	%	0.0467	NAP	07/26/2004	

Sample: 009 LAC-09
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	23.6	%	1.30	NAP	07/26/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

ND = Not Detected **PQL= Practical Quantitation Limit**

AMERI SCI

Customer: YEC Inc.

Workorder No. 0407-00361

Sample: 010 LAC-10
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.219	%	0.0179	NAP	07/26/2004	

Sample: 011 LAC-11
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	15.3	%	1.38	NAP	07/26/2004	

Sample: 012 LAC-12
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.0384	%	0.0120	NAP	07/26/2004	

Sample: 013 LAC-13
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.519	%	0.0462	NAP	07/26/2004	

Sample: 014 LAC-14
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	14.3	%	1.31	NAP	07/26/2004	

AMERI SCI

Customer: YEC Inc.

Workorder No. 0407-00361

Sample: 015 LAC-15
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.0370	%	0.0156	NAP	07/26/2004	

Sample: 016 LAC-16
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.519	%	0.0462	NAP	07/26/2004	

Sample: 017 LAC-17
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.485	%	0.0440	NAP	07/26/2004	

Sample: 018 LAC-18
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.394	%	0.0240	NAP	07/26/2004	

Sample: 019 LAC-19
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.128	%	0.0127	NAP	07/26/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

ND = Not Detected **PQL= Practical Quantitation Limit**

AMERI SCI

Customer: YEC Inc.

Workorder No. 0407-00361

Sample: 020 LAC-20
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.217	%	0.0114	NAP	07/26/2004	

Sample: 021 LAC-21
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.525	%	0.0389	NAP	07/26/2004	

Sample: 022 LAC-22
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.894	%	0.0641	NAP	07/26/2004	

Sample: 023 LAC-23
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	5.47	%	0.345	NAP	07/26/2004	

Sample: 024 LAC-24
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.0313	%	0.0136	NAP	07/26/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

ND = Not Detected **PQL= Practical Quantitation Limit**

AMERI SCI

Customer: YEC Inc.

Workorder No. 0407-00361

Sample: 025 LAC-25
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.116	%	0.0149	NAP	07/26/2004	

Sample: 026 LAC-26
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.0374	%	0.0111	NAP	07/26/2004	

Sample: 027 LAC-27
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.0363	%	0.0128	NAP	07/26/2004	

Sample: 028 LAC-28
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.0478	%	0.0117	NAP	07/26/2004	

Sample: 029 LAC-29
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	0.0307	%	0.0131	NAP	07/26/2004	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 CA:2050 NJ: 59744

ND = Not Detected **PQL= Practical Quantitation Limit**

AMERI SCI

Customer: YEC Inc.

Workorder No. 0407-00361

Sample: 030 LAC-30
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	ND	%	0.0139	NAP	07/26/2004	

Sample: 031 LAC-31
Date: 07/20/2004
Matrix: CHIP

Parameter	Method	Results	Units	PQL	Analyst	Analysis Date	Qual
Lead, Chip	7420, SW-846	9.48	%	0.578	NAP	07/26/2004	

To the best of my knowledge this report is true and accurate.

Authorized By: _____

Nicole Ingersoll, Technical Director