



Experiences is the solution

Rec'd
3/28/97

308 Syracuse Building * 224 Harrison Street * Syracuse, NY 13202 * PH: 315-472-4117 * FX: 315-472-4121

18 March 1997

Mr. Stephen A. Ranieri
Plymouth Development Corporation
P. O. Box 408
Syracuse, NY 13206

Re: Follow-up Site Evaluation at Katz Property
Brewerton Road, Cicero, New York
AES Project No. 961119EA

Dear Mr. Ranieri:

Adirondack Environmental Services, Inc. (AES) previously performed a Phase I ("non-intrusive") site assessment and a Phase II Environmental Evaluation at the subject site. The results of these evaluations were presented in reports to you dated 18 October 1996 and 6 January 1997, respectively.

The Phase II investigation determined that significant ground water contamination is present on the subject property, north and east of the dry cleaning facility at 7984 Brewerton Road. Chlorinated solvents were detected in ground water samples at concentrations that are orders-of-magnitude higher than ground water standards. The Phase II also determined that floor drains are present inside several on-site buildings and that potential asbestos containing material could be present in on-site buildings.

SITE INVESTIGATION

To follow-up on these observations, AES returned to the site to perform additional testing. Follow-up activities are described below; referenced features and sampling locations are present on attached Figure 1.

Berco Automotive - This active automotive repair shop is located at 7982 Brewerton Road, near the eastern property line. Two floor drains are present inside the building. Cleaning and flow testing determined that these floor drains discharge to a low-lying area east of the building (see Figure 1). This discharge violates state and federal regulations. Stained soil with an oil odor was observed at the discharge points. Standing water was present at the southern discharge point, a slight hydrocarbon sheen was present on this water.

AES collected soil samples at the ends of both discharge points and collected a sample of standing water at the southern discharge point. Sample designation and analyses are as follows:



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- northern discharge soil sample (Berc-Sed-1): volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH);
- southern discharge soil sample (Berc-Sed-2): VOCs and TPH; and
- southern discharge water sample (Berc-SW-2): VOCs and TPH.

North Star Cleaner - This laundry and dry cleaning facility is located at 7984 Brewerton Road in the north-central portion of the property. One floor trench and two floor drains are present inside the building. These features discharge to a central collection pit, a concrete structure about 4' x 6' x 5' deep. The central structure discharges to the west, reportedly to the sanitary sewer system.

About three feet of standing water and one foot of sludge is present in the floor pit. AES planned to sample these materials for VOC analyses; however, the site operator denied access for sampling.

Additionally, a survey of potential asbestos containing material (ACM) was conducted at North Star Cleaner. Two suspected ACM materials were sampled and analyzed.

Sports Page Bar and Restaurant - This business is located at 7980 Brewerton Road in the south-central portion of the site. As previously reported, poor housekeeping has resulted in oil-stained soil on the ground near the dumpster located behind this structure. AES planned to inspect the interior of the structure for features that could cause environmental concern (e.g. floor drains) and for potential ACM. Mr. Joseph P. Corso, business operator, adamantly refused to grant access for such inspection. However, interior "public use" areas and exterior areas were viewed. It was determined that a significant amount of potential ACM is present in this building.

ANALYTICAL RESULTS

The results of soil and water sampling east of Berco Automotive are summarized below:

<u>Compound</u>	<u>STD. *</u>	<u>Sample #</u>		
		<u>Sed-1</u>	<u>Sed-2</u>	<u>SW-2</u>
Tetrachloroethylene	1400/0.7/5	ND	1100	28
Benzene	60/0.7/0.7	ND	ND	9
Toluene	1500/5/5	160	670	100
Ethylbenzene	5500/5/5	33	1800	16
1,2-Dichlorobenzene	7900/30/4.7	ND	ND	29



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<u>Compound</u>	<u>STD. *</u>	<u>Sample #</u>		
		<u>Sed-1</u>	<u>Sed-2</u>	<u>SW-2</u>
m-Dichlorobenzene	1600/20/5	ND	640	ND
o-Dichlorobenzene	8500/30/4.7	ND	1700	ND
Xylenes, Total	1200/5/5	270	36000	190
TPH	NS	1080	1420	NA

All values are in parts per billion (ppb).

* STD. = standard or guidance value (in ppb) for soil/surface water/ground water.

ND = not detected in this sample.

NA = not analyzed.

Material sampling at North Star Cleaners determined that both materials tested do not contain asbestos.

Analytical reports are attached.

CONCLUSIONS

Based on these and previous findings, AES concludes that significant environmental issues exist at this site. Chlorinated solvents are present in ground water near the North Star Cleaner at concentrations one to three times higher than ground water standards. Standing water and sediment behind the Berco Automotive facility contain detectable concentrations of chlorinated compounds and petroleum residuals. Concentrations of six compounds exceed surface water and/or ground water standards. The xylene concentration in soil sample Berc-Sed-2 exceeds soil guidance values. Discharge from the building violates state and federal regulations. Previous sampling indicates that shallow ground water east of this structure has not been significantly affected.

ACM was not detected in the North Star Cleaner building. Potential ACM was not sampled in the Sports Page Bar and Restaurant; however, it is very likely that ACM exists in this structure.

RECOMMENDATIONS

Sufficient information exists to quantify environmental conditions at the site. AES recommends using existing information to perform an evaluation of remedial alternatives, identify one or more feasible alternatives, and develop a preliminary cost estimate associated with site remediation. Although additional information will be required to finalize remedial design and cost estimates, this preliminary evaluation will be valuable in assessing future site activities and associated cost.

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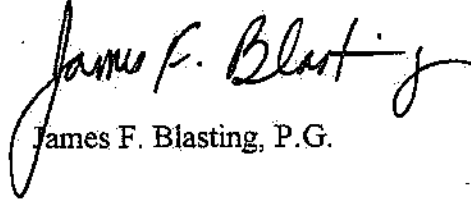


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AES further recommends that reporting requirements be evaluated.

Please feel free to call the undersigned if you have any questions. Thank you for your confidence in Adirondack Environmental Services, Inc.

Sincerely,
ADIRONDACK ENVIRONMENTAL SERVICES, INC.

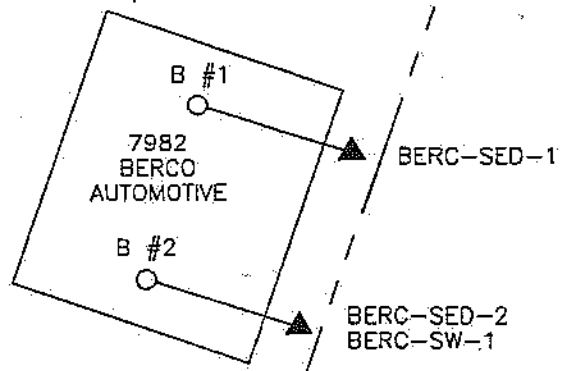
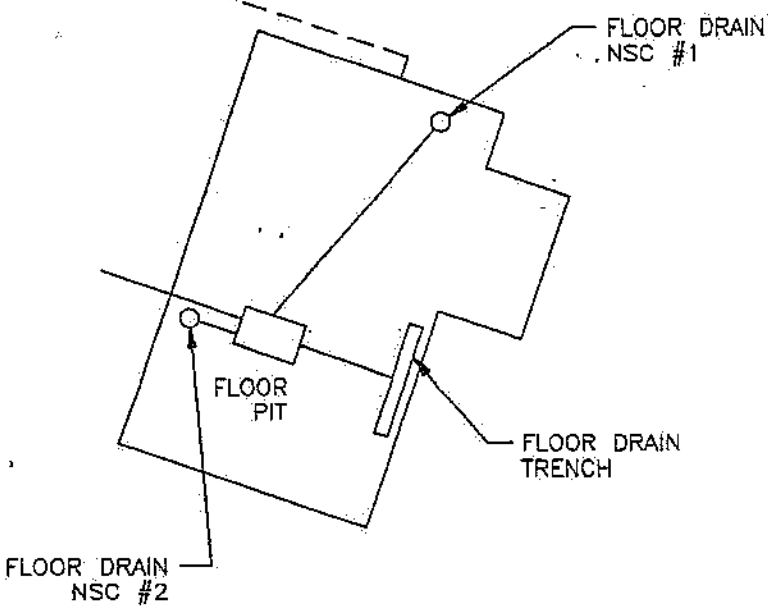


James F. Blasting, P.G.

JFB:cms

Attachments

ATTACHMENT 1
FIGURES



LEGEND

- FLOOR DRAIN
- ▲ SAMPLING LOCATION
- - - - - GAS LINE
- - - - - APPROXIMATE PROPERTY LINE

LOCATION OF DRAINS AND DISCHARGE			
PREPARED FOR PLYMOUTH DEVELOPMENT CORP.			
ADIRONDACK ENVIRONMENTAL SERVICES, INC.		SCALE NTS	FIGURE 1
		DATE 3/97	

***ATTACHMENT 2
ANALYTICAL DATA***



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LABORATORY REPORT

for

****ENGINEERING DEPARTMENT****

961119-EA

Report date: 03/18/97
Number of samples analyzed: 3
AES Project ID: 970311EA
Invoice #: 173324

ELAP ID#: 10709

AIHA ID#: 12144-001
Page 1



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CLIENT'S SAMPLE ID: BERC-SW-2
AES sample #: 970311EAO1
Date Sampled: 03/10/97
Date sample received: 03/11/97
Samples taken by: Jim Blasting
Location: PDC-Cicero
MATRIX: Water
grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTE/REF</u>	<u>TEST DATE</u>
Chloromethane	EPA-601	<10	ug/l	BW-B	03/14/97
Bromomethane	EPA-601	<10	ug/l	BW-B	03/14/97
Dichlorodifluoromethane	EPA-601	<10	ug/l	BW-B	03/14/97
Vinyl Chloride	EPA-601	<10	ug/l	BW-B	03/14/97
Chloroethane	EPA-601	<10	ug/l	BW-B	03/14/97
Methylene Chloride	EPA-601	<10	ug/l	BW-B	03/14/97
Trichlorofluoromethane	EPA-601	<10	ug/l	BW-B	03/14/97
1,1-Dichloroethene	EPA-601	<10	ug/l	BW-B	03/14/97
1,1-Dichloroethane	EPA-601	<10	ug/l	BW-B	03/14/97
Total 1,2 Dichloroethene	EPA-601	<10	ug/l	BW-B	03/14/97
Chloroform	EPA-601	<10	ug/l	BW-B	03/14/97
1,2 Dichloroethane	EPA-601	<10	ug/l	BW-B	03/14/97
1,1,1-Trichloroethane	EPA-601	<10	ug/l	BW-B	03/14/97
Carbon Tetrachloride	EPA-601	<10	ug/l	BW-B	03/14/97
Bromodichloromethane	EPA-601	<10	ug/l	BW-B	03/14/97
1,2-Dichloropropane	EPA-601	<10	ug/l	BW-B	03/14/97
t-1,3-Dichloropropene	EPA-601	<10	ug/l	BW-B	03/14/97
Trichloroethylene	EPA-601	<10	ug/l	BW-B	03/14/97
Dibromochloromethane	EPA-601	<10	ug/l	BW-B	03/14/97
1,1,2-Trichloroethane	EPA-601	<10	ug/l	BW-B	03/14/97



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CLIENT'S SAMPLE ID: BERC-SW-2
 AES sample #: 970311EA01
 continued:

Date Sampled: 03/10/97
 Date sample received: 03/11/97

Samples taken by: Jim Blasting
 Location: PDC-Cicero
 MATRIX: Water grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DATE</u>
cis-1,3-Dichloropropene	EPA-601	<10	ug/l	BW-B	03/14/97
2-Chloroethylvinylether	EPA-601	<10	ug/l	BW-B	03/14/97
Bromoform	EPA-601	<10	ug/l	BW-B	03/14/97
1,1,2,2-Tetrachloroethane	EPA-601	<10	ug/l	BW-B	03/14/97
Tetrachloroethylene	EPA-601	28	ug/l	BW-B	03/14/97
Benzene	EPA-602	9	ug/l	BW-B	03/14/97
Toluene	EPA-602	100	ug/l	BW-B	03/14/97
Ethylbenzene	EPA-602	16	ug/l	BW-B	03/14/97
Chlorobenzene	EPA-602	<10	ug/l	BW-B	03/14/97
1,4-Dichlorobenzene	EPA-602	<10	ug/l	BW-B	03/14/97
1,3-Dichlorobenzene	EPA-602	<10	ug/l	BW-B	03/14/97
1,2-Dichlorobenzene	EPA-602	29	ug/l	BW-B	03/14/97
Xylenes, Total	EPA-602	190	ug/l	BW-B	03/14/97



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CLIENT'S SAMPLE ID: BERC-SED-1
AES sample #: 970311EAO2
Date Sampled: 03/10/97
Date sample received: 03/11/97
Samples taken by: Jim Blasting
Location: PDC-Cicero
MATRIX: Sediment
grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DATE</u>
Total Petroleum Hydrocarbons	EPA-418.1	1080	ug/g	SZ-E-20	03/13/97
Chloromethane	EPA-8010	<200	ug/kg	BW-A	03/13/97
Bromomethane	EPA-8010	<200	ug/kg	BW-A	03/13/97
Dichlorodifluoromethane	EPA-8010	<200	ug/kg	BW-A	03/13/97
Vinyl Chloride	EPA-8010	<200	ug/kg	BW-A	03/13/97
Chloroethane	EPA-8010	<200	ug/kg	BW-A	03/13/97
Methylene Chloride	EPA-8010	<20	ug/kg	BW-A	03/13/97
Trichloroflouromethane	EPA-8010	<200	ug/kg	BW-A	03/13/97
1,1-Dichloroethene	EPA-8010	<20	ug/kg	BW-A	03/13/97
1,1-Dichloroethane	EPA-8010	<20	ug/kg	BW-A	03/13/97
Total 1,2 Dichloroethene	EPA-8010	<20	ug/kg	BW-A	03/13/97
Chloroform	EPA-8010	<20	ug/kg	BW-A	03/13/97
1,2-Dichloroethane	EPA-8010	<20	ug/kg	BW-A	03/13/97
1,1,1-Trichloroethane	EPA-8010	<20	ug/kg	BW-A	03/13/97
Carbon Tetrachloride	EPA-8010	<20	ug/kg	BW-A	03/13/97
Bromo dichloromethane	EPA-8010	<20	ug/kg	BW-A	03/13/97
1,2-Dichloropropane	EPA-8010	<20	ug/kg	BW-A	03/13/97
trans-1,3-Dichloropropene	EPA-8010	<20	ug/kg	BW-A	03/13/97
Trichloroethene	EPA-8010	<20	ug/kg	BW-A	03/13/97
Dibromochloromethane	EPA-8010	<20	ug/kg	BW-A	03/13/97



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CLIENT'S SAMPLE ID: BERC-SED-1
 AES sample #: 970311EAO2
 Samples taken by: Jim Blasting
 MATRIX: Sediment

Date Sampled: 03/10/97
 Date sample received: 03/11/97
 Location: PDC-Cicero grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DATE</u>
1,1,2-Trichloroethane	EPA-8010	<20	ug/kg	BW-A	03/13/97
cis-1,3-Dichloropropene	EPA-8010	<20	ug/kg	BW-A	03/13/97
2-Chloroethyl vinyl ether	EPA-8010	<20	ug/kg	BW-A	03/13/97
Bromoform	EPA-8010	<20	ug/kg	BW-A	03/13/97
1,1,2,2-Tetrachloroethane	EPA-8010	<20	ug/kg	BW-A	03/13/97
Tetrachloroethene	EPA-8010	<20	ug/kg	BW-A	03/13/97
Chlorobenzene	EPA-8010	<20	ug/kg	BW-A	03/13/97
1,2-Dichlorobenzene	EPA-8010	<20	ug/kg	BW-A	03/13/97
1,3-Dichlorobenzene	EPA-8010	<20	ug/kg	BW-A	03/13/97
1,4-Dichlorobenzene	EPA-8010	<20	ug/kg	BW-A	03/13/97
Benzene	EPA-8020	<20	ug/kg	BW-A	03/13/97
Toluene	EPA-8020	160	ug/kg	BW-A	03/13/97
Ethylbenzene	EPA-8020	33	ug/kg	BW-A	03/13/97
Chlorobenzene	EPA-8020	<20	ug/kg	BW-A	03/13/97
p-Dichlorobenzene	EPA-8020	<20	ug/kg	BW-A	03/13/97
m-Dichlorobenzene	EPA-8020	<20	ug/kg	BW-A	03/13/97
o-Dichlorobenzene	EPA-8020	<20	ug/kg	BW-A	03/13/97
Xylenes	EPA-8020	270	ug/kg	BW-A	03/13/97



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CLIENT'S SAMPLE ID: BERG-SED-2
AES sample #: 970311EAO3
Date Sampled: 03/10/97
Date sample received: 03/11/97
Samples taken by: Jim Blasting
Location: PDC-Cicero
MATRIX: Sediment
grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
Total Petroleum Hydrocarbons	EPA-418.1	1420	ug/g	SZ-E-20	03/13/97
Chloromethane	EPA-8010	<5000	ug/kg	BW-A	03/13/97
Bromomethane	EPA-8010	<5000	ug/kg	BW-A	03/13/97
Dichlorodifluoromethane	EPA-8010	<5000	ug/kg	BW-A	03/13/97
Vinyl Chloride	EPA-8010	<5000	ug/kg	BW-A	03/13/97
Chloroethane	EPA-8010	<5000	ug/kg	BW-A	03/13/97
Methylene Chloride	EPA-8010	<500	ug/kg	BW-A	03/13/97
Trichlorofluoromethane	EPA-8010	<5000	ug/kg	BW-A	03/13/97
1,1-Dichloroethene	EPA-8010	<500	ug/kg	BW-A	03/13/97
1,1-Dichloroethane	EPA-8010	<500	ug/kg	BW-A	03/13/97
Total 1,2 Dichloroethene	EPA-8010	<500	ug/kg	BW-A	03/13/97
Chloroform	EPA-8010	<500	ug/kg	BW-A	03/13/97
1,2-Dichloroethane	EPA-8010	<500	ug/kg	BW-A	03/13/97
1,1,1-Trichloroethane	EPA-8010	<500	ug/kg	BW-A	03/13/97
Carbon Tetrachloride	EPA-8010	<500	ug/kg	BW-A	03/13/97
Bromo dichloromethane	EPA-8010	<500	ug/kg	BW-A	03/13/97
1,2-Dichloropropane	EPA-8010	<500	ug/kg	BW-A	03/13/97
trans-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-A	03/13/97
Trichloroethene	EPA-8010	<500	ug/kg	BW-A	03/13/97
Dibromochloromethane	EPA-8010	<500	ug/kg	BW-A	03/13/97




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CLIENT'S SAMPLE ID: BERG-SED-2 Date Sampled: 03/10/97
AES sample #: 970311EAO3 Date sample received: 03/11/97
Samples taken by: Jim Blasting Location: PDC-Cicero
MATRIX: Sediment grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTE/BOOK REF</u>	<u>TEST DATE</u>
1,1,2-Trichloroethane	EPA-8010	<500	ug/kg	BW-A	03/13/97
cis-1,3-Dichloropropene	EPA-8010	<500	ug/kg	BW-A	03/13/97
2-Chloroethyl vinyl ether	EPA-8010	<500	ug/kg	BW-A	03/13/97
Bromoform	EPA-8010	<500	ug/kg	BW-A	03/13/97
1,1,2,2-Tetrachloroethane	EPA-8010	<500	ug/kg	BW-A	03/13/97
Tetrachloroethene	EPA-8010	1100	ug/kg	BW-A	03/13/97
Chlorobenzene	EPA-8010	<500	ug/kg	BW-A	03/13/97
1,2-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-A	03/13/97
1,3-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-A	03/13/97
1,4-Dichlorobenzene	EPA-8010	<500	ug/kg	BW-A	03/13/97
Benzene	EPA-8020	<500	ug/kg	BW-A	03/13/97
Toluene	EPA-8020	670	ug/kg	BW-A	03/13/97
Ethylbenzene	EPA-8020	1800	ug/kg	BW-A	03/13/97
Chlorobenzene	EPA-8020	<500	ug/kg	BW-A	03/13/97
p-Dichlorobenzene	EPA-8020	<500	ug/kg	BW-A	03/13/97
m-Dichlorobenzene	EPA-8020	640	ug/kg	BW-A	03/13/97
o-Dichlorobenzene	EPA-8020	1700	ug/kg	BW-A	03/13/97
Xylenes	EPA-8020	36,000	ug/kg	BW-C	03/17/97

APPROVED BY: 
Report date: 03/18/97



314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME AES-E	PROJECT NAME (Location) PDC-Cicero	SAMPLERS: (Names) BLASTING
ADDRESS SYRACUSE	PO NUMBER 9061119-EA	SAMPLERS (Signature) <i>[Signature]</i>

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A-6am P-6pm	SAMPLE TYPE			NUMBER OF CONT'S	ANALYSIS REQUIRED
				MATRIX	COMP	GAAS		
CANCEL	BERC-SW-1	3/10/97	A	W	X		2	VOC 601/602
970311-EA01	BERC-SW-2	"	A					"
CANCEL	BERC-SW-1/2	3/10/97	A	W	X		1	TPH
EA02	BERC-SED-1	3/10/97	A	S		X	1	VOC 8010/8020
EA03	BERC-SED-2	"	A	S		X	1	"
EA04	BERC-SED-1	"	A			X	1	TPH
EA05	BERC-SED-2	"	A			X	1	TPH

Turnaround Time: **1 Week** Laboratory Approval:

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Dispatched by: (Signature) Date/Time Received for Laboratory by: **M. Paul** Date/Time **3/11/97 9:08**

Method of Shipment: **Fedex** Send Report To: **BLASTING** Client Phone No.:

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy





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LABORATORY REPORT

for

****ENGINEERING DEPARTMENT****

Proj No: 961119EA

Report date: 03/21/97
Number of samples analyzed: 2
AES Project ID: 970311LA
Invoice #: 173331

ELAP ID#: 10917

AIHA ID#: 12144-001
Page 1

Albany

Syracuse

Rochester

Hartford, CT



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Samples taken by: D. Brooks
Location: N.Star Cleaners MATRIX: Bulk

Date Sampled: 03/07/97
Date sample received: 03/11/97
Grab

PARAMETER PERFORMED	YOUR SAMP ID-) AES NUMBER-)	Ceiling Tile 970311LA01	Roof Vapor Bar. 970311LA02	NOTEBOOK REFERENCE	TEST DATE
Chrysotile		ND	*NOB*	TH	03/12/97
Amosite		ND	*NOB*	TH	03/12/97
Crocidolite		ND	*NOB*	TH	03/12/97
Anthophyllite		ND	*NOB*	TH	03/12/97
Tremolite		ND	*NOB*	TH	03/12/97
Actinolite		ND	*NOB*	TH	03/12/97
Synthetic Fibers		<1	*NOB*	TH	03/12/97
Fibrous Glass		15-30	*NOB*	TH	03/12/97
Other Fiber		30-50	15-30	TH	03/12/97

The above results were obtained using method EPA-600/M482020 and the results are expressed in %

APPROVED BY: 
Report date: 03/21/97



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**** NEW YORK STATE DEPARTMENT OF HEALTH DISCLAIMER ****

NOB : Indicates test results for non-friable organically bound material (NOB) analyzed using Polarized Light Microscopy (PLM) methods are "No Asbestos Detected"; however, the following disclaimer is required:

"Polarized light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Before this material can be considered or treated as non-asbestos-containing, confirmation must be made by quantitative transmission electron microscopy."



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TEM/NOB ANALYSIS

ABSTRACT

One sample of non-friable organically bound (NOB) building material was submitted for TEM analysis following the New York State Department of Health's asbestos testing protocol. The specimen submitted for analysis was previously analyzed using polarized light microscopy (PLM) methods. The sample was designated:

AES LAB. I.D.

CLIENT I.D.

970311LA01

DC-002 ROOF VAPOR BARRIER

TEST RESULTS

The TEM/NOB analysis results for the sample examined are presented within this report. The specimen produced gravimetric and analytical TEM data which indicates asbestos concentration less than 1% by weight:

AES ID	Client ID	-	Asbestos %
970311LA01	DC-002 ROOF V.B.	-	<1.0



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LABORATORY REPORT

FOR

Adirondack Environmental - Engineering

Attn: Mr. Jim Blasting

Report Date: March 18, 1997
Number of samples: 01
AES Project ID: 970311LA



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SPECIMEN PREPARATION

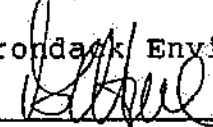
The samples were prepared according to the NYS Department of Health's ELAP procedures in item number 198.4 of the ELAP handbook; update of July 15, 1992.

TEM/EDS ANALYSIS

Transmission electron microscopy provides images formed by passing a beam of electrons through a thin specimen and using a phosphorous screen to produce an image. The images formed provide high resolution (5 Angstrom) with magnifications of 15 to 300,000 diameters. In addition to structural features, diffraction patterns are also obtained by the TEM to positively identify crystalline material.

Energy dispersive x-ray spectroscopy using a conventional silicon-lithium detector is capable of analyzing elemental concentrations from atomic number 9 (fluorine) through 94 (plutonium) as they appear on the Periodic Table of the Elements. The integral counts beneath the peaks are processed through the use of a microcomputer to provide semi-quantitative composition profiles following matrix, specimen/detector geometry and instrumentation correction factors.

Adirondack Environmental Services, Inc.


Thomas K. Hare
Laboratory Manager, Microscopy Services

AES Report No. 970311LA



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TEM/NOB ANALYSIS RESULTS : ASBESTOS %

/ SAMPLE /		GRAVIMETRIC TEST DATA /			TEM TEST RESULTS /		
No	Color	Init Wt(g)	Filt'd Wt(g)	%Ino rg	Est %Asb	Calc %Asb	Total Wt%
01	Black	0.2043	0.0067	3.3	NAD	NAD	<1.0

NAD: No Asbestos Detected

NOTE: If Gravimetric Test Data Indicates Sample's Inorganic Weight Is Less Than 1%, TEM Analysis Is Not Required.



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AES No: 970311 LA

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME NORTH STAR CLEANER AND LAUNDRY MAT	PROJECT NAME (Location) LAUNDRY + DRY CLEANING SYRACUSE NY	SAMPLERS: (Names) DENNIS BROOKS
ADDRESS	PO NUMBER 961119EA	SAMPLERS: (Signature) <i>[Signature]</i>

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A.M. P.M.	SAMPLE TYPE			NUMBER OF CONT'S	ANALYSIS REQUIRED
				MATRIX	CONT'S	ANALYSIS		
976311LA01	DC-001 CEILING TILE	3.7-97		A P	Bulk	✓	1	PLM
LA02	DC-002 ROOF VAPOR BARRIERS	" "		A P	Bulk	✓	1	PLM/NAB
				A P				
				A P				
				A P				
				A P				
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Turnaround Time:		Laboratory Approval:	
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature)	Date/Time	
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	
Dispatched by: (Signature)	Date/Time	Received for Laboratory by: <i>[Signature]</i>	Date/Time 3/11/97 9:30
Method of Shipment:	Send Report To:		Client Phone No.:

The Laboratory reserves the right to return hazardous samples to the client or may levy a fee of \$10.00 per container for disposal.

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

