CA RICH CONSULTANTS, INC.
CERTIFIED GROUND-WATER AND
ENVIRONMENTAL SPECIALISTS

September 5, 1997

Ms. Norma Ortega
Underground Injection Control (UIC) Section
U.S. Environmental Protection Agency
26 Federal Plaza, Room 853
New York, NY 10278

Re: **Final Closure Report**
Top Notch Cleaners
378 Fulton Avenue
Hempstead, New York

Dear Ms Ortega:

CA RICH Consultants Inc. (CA RICH) is pleased to provide you with this report regarding the implementation of the Underground Injection Well Closure Plan for the above-referenced facility dated March 30, 1997 and approved by the EPA on June 26, 1997. Following is a description of the activities involved in the implementation of this plan.

Introduction

Top Notch Cleaners Dry Cleaning facility is located in Hempstead, Nassau County, and fronts on Fulton Avenue. The Facility consists of one unit within a one-story building with a basement. The building is serviced by both water and sewers. Heat for the unit is supplied by an oil-fired boiler located in the basement of the unit. The boiler blowdown was is discharge to a sink that is connected to the municipal sewer. The basement construction includes two floor drains.

During February of 1997, a UIC closure notification was issued by the EPA. The following Plan was carried out in response to that notification.

Sampling Procedures

On July 24, 1996, CA RICH arrived at Top Notch Cleaners to sample the indoor floor drains located in the basement of the Facility. A soil sample from each drain was collected using a hand auger and sent to Nytest Laboratories (a New York State-certified laboratory) of Port Washington, NY to be analyzed for volatile organic compounds (VOCs) using EPA Method 8010, and total petroleum hydrocarbons using EPA Method 8015. All sampling equipment was properly decontaminated as summarized in the approved Closure Plan.

Summary of End-Point Sample

Results of laboratory analysis have been received and are summarized on Table I. The end-point sample from the first drain reveals no detections of volatile organics (specifically

perchlorethylene), except for 2.5 parts per billion (ppb) of methylene chloride, a common laboratory cleaning compound which was also detected in the method blanks. Total petroleum hydrocarbons (TPHCs) were detected at a level of 37 mg/kg (ppm), well below the cleanup objective of 1000 ppm specified by the Nassau County Department of Health (NCDH) and Environmental Protection Agency (EPA).

The ~~end-point sample~~ from the second drain reveals detections of methylene chloride at 3.6 ppb, trichlorethene at 12.0 ppb, and perchlorethylene at 5.1 ppb. The detection of methylene chloride may be attributed to laboratory contamination, while the concentrations of trichloroethene and perchlorethylene are well below the New York State cleanup objectives of 700 and 1400 ppb, respectively, as specified in the Technical and Administrative Guidance Memorandum (TAGM) issued by the New York State Department of Environmental Conservation (NYSDEC) on January 24, 1994. Total petroleum hydrocarbons (TPHCs) were detected at a level of 110 mg/kg (ppm), which is well below the cleanup objective of 1000 ppm specified by the Nassau County Department of Health (NCDH) and Environmental Protection Agency (EPA).

Closure Procedures

During September 1997, CA RICH returned to the site. The subject floor drains were filled with clean sand and sealed with a 4-inch thick concrete cover.

Conclusions

CA Rich believes that no further action is warranted by Top Notch Cleaners at this time. Attached is a Site Maintenance Plan which summarizes procedures relating to hazardous waste handling and spill response to be carried out at the facility in the future.

If you have any questions regarding this report, please do not hesitate to call our office.

Sincerely,

CA RICH CONSULTANTS, INC.

Steven J. Marsich
Environmental Engineer

Eric Weinstock
Eric A. Weinstock
Associate

cc: Mr. Joseph DeFranco, NCDH
Mr. Guha, Operator

Users/sm/reports/dryc/topclos.doc

MAR 17

8010 - Form 1
Nytest Environmental Inc.

Volatile Organics Analysis Data Sheet

Sample Matrix :	Soil	Sample ID :	D 1
Concentration Level :	Low	Lab ID :	3184501
Date Received :	07/24/97	Dil Factor :	1.00
Date Analyzed :	08/01/97	% Moisture :	3

UG/KG

CMPD	CAS Number	Volatile Compounds	
1	74-87-3	Chloromethane	1.0 U
2	74-83-9	Bromomethane	1.0 U
3	75-01-4	Vinyl Chloride	1.0 U
4	75-00-3	Chloroethane	1.0 U
5	75-09-2	Methylene Chloride	2.5 B
6	75-35-4	1,1-Dichloroethene	1.0 U
7	75-34-3	1,1-Dichloroethane	1.0 U
8	156-60-5	trans-1,2-Dichloroethene	1.0 U
9	67-66-3	Chloroform	1.0 U
10	107-06-2	1,2-Dichloroethane	1.0 U
11	71-55-6	1,1,1-Trichloroethane	1.0 U
12	56-23-5	Carbon Tetrachloride	1.0 U
13	75-27-4	Bromodichloromethane	1.0 U
14	78-87-5	1,2-Dichloropropane	1.0 U
15	10061-01-5	cis-1,3-Dichloropropene	1.0 U
16	79-01-6	Trichloroethene	1.0 U
17	124-48-1	Dibromochloromethane	1.0 U
18	79-00-5	1,1,2-Trichloroethane	1.0 U
19	10061-02-6	trans-1,3-Dichloropropene	1.0 U
20	127-18-4	Tetrachloroethene	1.0 U
21	79-34-5	1,1,2,2-Tetrachloroethane	1.0 U
22	108-90-7	Chlorobenzene	1.0 U
23	75-71-8	Dichlorodifluoromethane	1.0 U
24	75-69-4	Trichlorofluoromethane	1.0 U
25	95-50-1	1,2-Dichlorobenzene	1.0 U
26	541-73-1	1,3-Dichlorobenzene	1.0 U
27	106-46-7	1,4-Dichlorobenzene	1.0 U
28	75-25-2	Bromoform	1.0 U

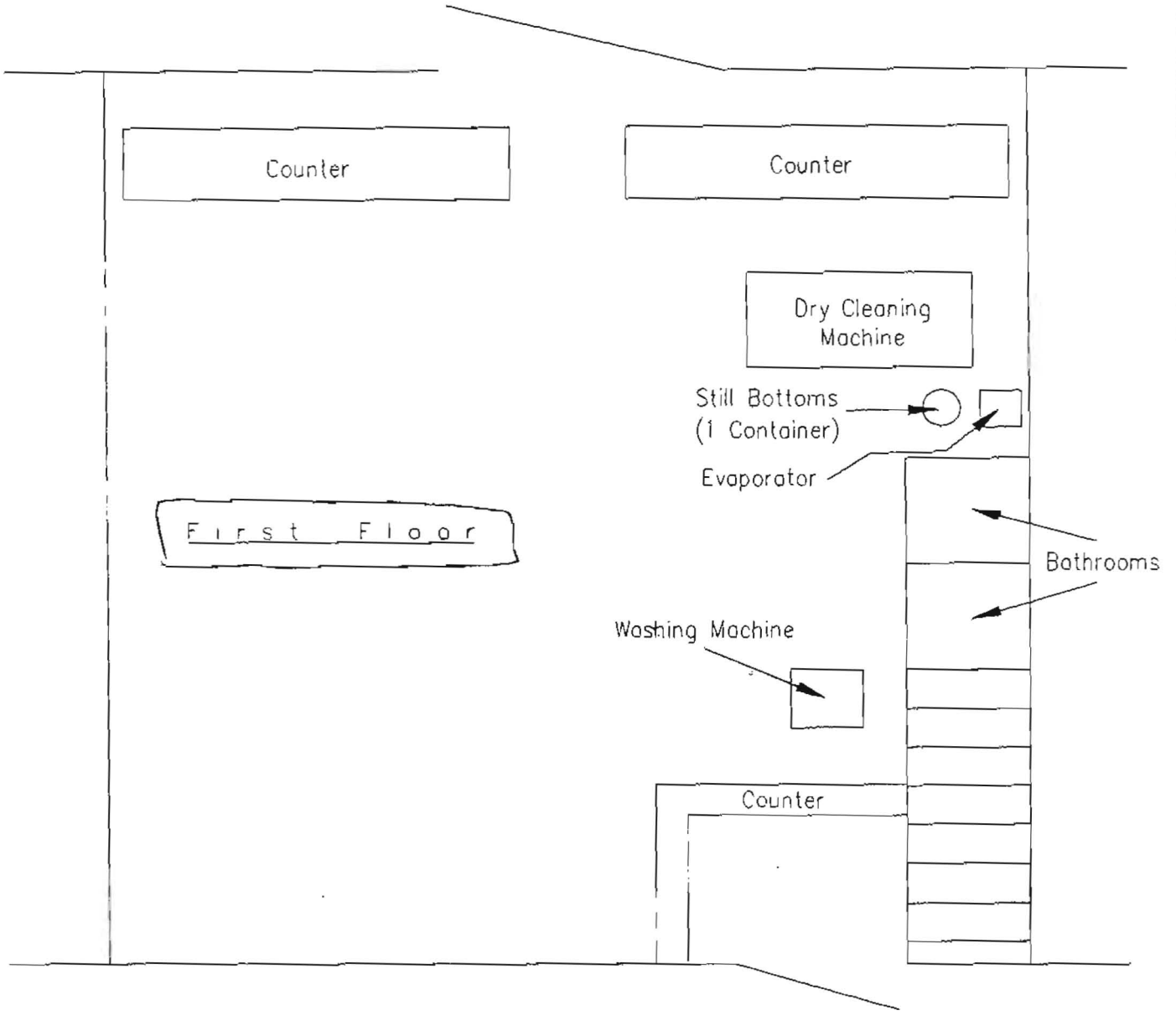
8010 - Form I
Nytest Environmental Inc.

Volatile Organics Analysis Data Sheet

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Concentration Level :	Low	Lab ID :	3184502
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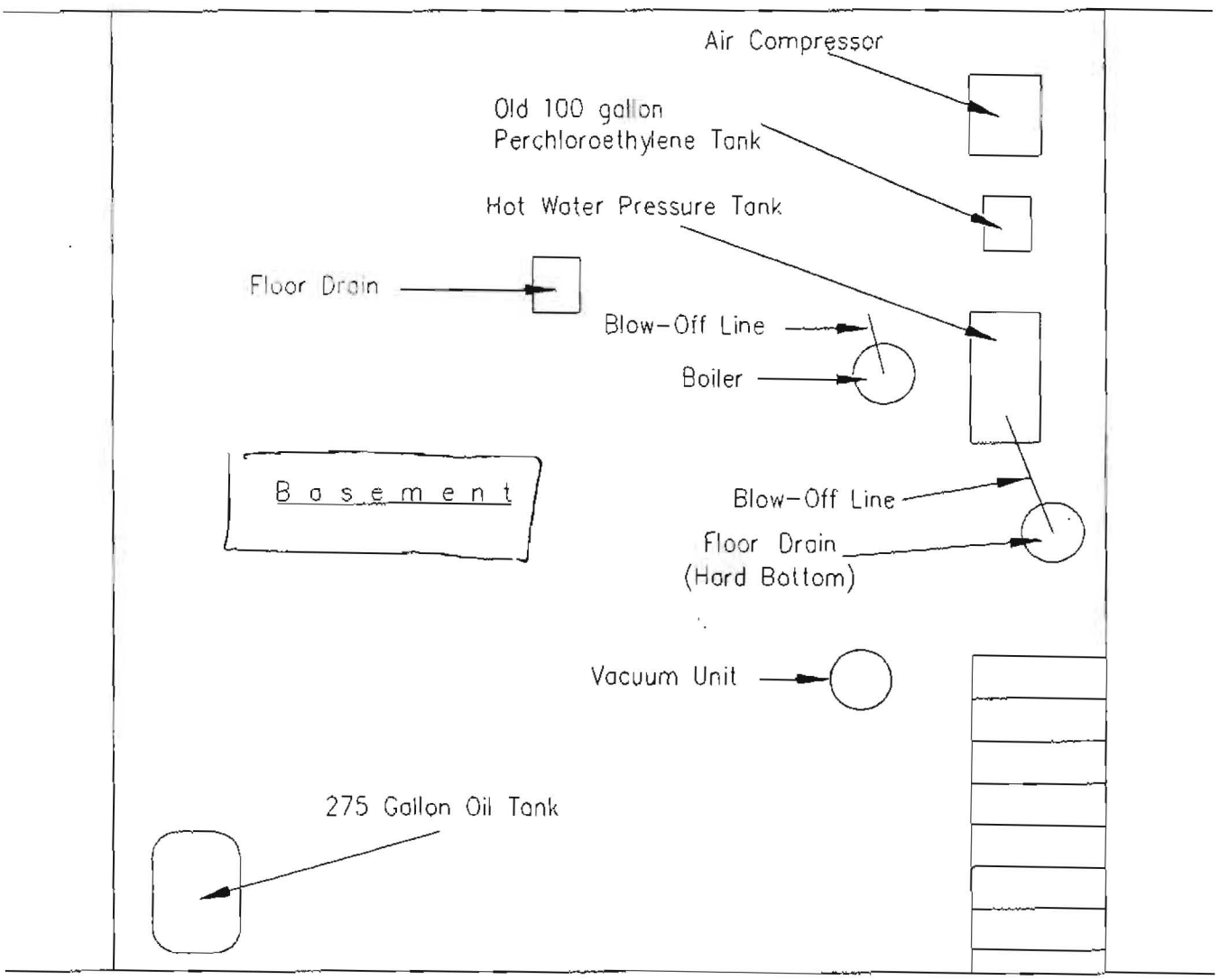
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CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
404 Glen Cove Avenue, Sea Cliff, NY 11579

TITLE: UNDERGROUND INJECTION WELL SAMPLING PLAN		DATE: 3/26/97
		SCALE: NONE
FIGURE: 1	TOP NOTCH CLEANERS 378 FULTON AVENUE HEMPSTEAD, NEW YORK	DRAWN BY: N.P.G.
DRAWING NO: 1006-1A		APPR BY: E.A.W.



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TITLE: UNDERGROUND INJECTION WELL SAMPLING PLAN		DATE: 3/26/97
		SCALE: NONE
FIGURE: 2	TOP NOTCH CLEANERS 378 FULTON AVENUE HEMPSTEAD, NEW YORK	DRAWN BY: N.B.C.
DRAWING NO: 1007-1A		APPR. BY: E.A.W.

OCT 10 1997

CERTIFIED MAIL - RETURN RECEIPTS REQUESTED
Article numbers:Z 369 606 945 & Z 369 606 946

Land Owner(s):
Mrs. Jaeuts
Zyp, Inc.
Box 53
Forest Hills, NY 11325

Business Owner(s):
Soung Hwan Choi
President
Top Notch Cleaners
378 Fulton Avenue
Hempstead, NY 11550

Re: File Closure - Class V Well
Top Notch Cleaners
378 Fulton Avenue
Hempstead, NY 11550

Dear Ms. Jaeuts and Mr. Choi:

This letter is to inform you that all of the necessary documents illustrating satisfactory closure of the Underground Injection Control Program (UIC) Class V well at the above referenced facility have been received. The UIC Program will now close its file on the above subject matter.

The Environmental Protection Agency thanks you for your cooperation and wishes you continued success with your facility.

Sincerely yours,

John S. Kushwara, Chief
Ground Water Compliance Section

cc: Joseph DeFranco, Nassau County Department of Health
Steven J. Marsich, CA Rich Consultants, Inc.