

130049

New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
Bureau of Hazardous Site Control
Additions/Change to Registry Summary of Approvals

Site Name American Drive-In Cleaners DEC I.D. Number 130049
~~430506~~

Current Classification _____

Activity Add as Class 2 Reclassify to _____ Delist Category _____ Modify _____

Approvals.

Regional Hazardous Waste Engineer Yes No _____

NYSDOH Yes No _____

DEE Yes No _____

BHSC: a. Investigation Section Yes No _____

b. Site Control Section John B. Swartz Date 12/12/91

c. Director for CHS John B. Swartz Date 12/27/91

DHWR Assistant Director Letter mailed 1/2/92 Date 12/20/91

For Proposed Class 2a Sites Only:

Anticipated Action: _____

By Whom: _____

Time Frame: _____

• 1992 ~ '93 •

10/23/91

REGISTRY SITE CLASSIFICATION DECISION

1. SITE NAME <u>American Drive-In Cleaners</u>		2. 2155 STEVEN <u>130006</u>		3. TOWN/CITY/VILLAGE <u>Hempstead</u>		4. COUNTY <u>Nassau</u>	
5. REGION <u>1</u>		6. CLASSIFICATION <u>Current</u> <u>Proposed 2</u> <u>Modify</u>					
7. LOCATION OF SITE (Attach U.S.G.S Topographic Map showing site location)							
a. Quadrangle <u>Amityville</u>		b. Site Latitude		Longitude		c. Tax Map Number <u>46-574-64</u>	
8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations)							
<p>The site is a small lot in a commercial area and is used for dry cleaning operation. South of the building is a parking lot. North and west of the building are narrow strips of mostly paved ground. To the east is a bagel shop (which was originally part of the dry cleaner.)</p> <p>a. Area <u>0.3</u> acres b. EPA ID Number _____</p> <p>c. Completed ()Phase I ()Phase II ()PSA ()RI/FS ()PA/SI (X)Other Sampling</p>							
9. HAZARDOUS WASTES DISPOSED							
<p>A soil sample taken from the site area was sent to the laboratory and was found to have a tetrachloroethylene level of 1500 ppm (F002). Dates of disposal and quantities are unknown, but the dry cleaner has operated there since the early 1950's.</p>							
10. ANALYTICAL DATA AVAILABLE							
<p>a. ()Air (X)Groundwater ()Surface Water (X)Soil ()Waste ()EPTox ()TCLP</p> <p>b. Contravention of Standards or Guidance Values</p> <p>Tetrachloroethylene — up to 274 ppb (F002) in downgradient monitoring well. The standard is 5 ppb. A soil sample <u>had</u> 1500 ppm (F002).</p>							
11. JUSTIFICATION FOR CLASSIFICATION DECISION							
<p>Hazardous wastes disposal of at this site have contaminated groundwater at levels which violate NYCRR Part 703. The site is located over a sole source aquifer as well, which justifies the assigning of a 2 Classification.</p>							
12. SITE IMPACT DATA							
a. Nearest surface water: Distance <u>10,000</u> ft.		Direction <u>East</u>		Classification _____			
b. Nearest Groundwater: Depth <u>27</u> ft.		Flow Direction <u>South</u>		(X)Sole Source ()Primary ()Principal			
c. Nearest water supply: Distance _____ ft.		Direction _____		Active ()Yes ()No			
d. Nearest building: Distance <u>0</u> ft.		Direction <u>East</u>		Use <u>Bagel shop</u>			
e. In State Economic Development Zone?		()Y (X)N		i. Controlled site access? ()Y ()N			
f. Crops or livestock on site?		()Y (X)N		j. Exposed hazardous waste? ()Y ()N			
g. Documented fish or wildlife mortality?		()Y (X)N		k. HRS Score _____			
h. Impact on special status fish or wildlife resource?		()Y (X)N		l. For Class 2: Priority Category <u>1</u>			
13. SITE OWNER'S NAME <u>Ponviz Nezami</u>		14. ADDRESS <u>3801 Hempstead Tpke., Levittown, NY</u>			15. TELEPHONE NUMBER		
16. PREPARER				17. APPROVED			
<u>John B. Swartwout</u> Signature		<u>12-27-91</u> Date		<u>Charles J. Holbeck</u> Signature		<u>12/30/91</u> Date	
John B. Swartwout, Chief, DHWR Name, Title, Organization				_____ Name, Title, Organization			

NEW YORK STATE DEPARTMENTS OF ENVIRONMENTAL CONSERVATION AND HEALTH
INACTIVE HAZARDOUS WASTE DISPOSAL SITE PRIORITY RANKING WORKSHEET

SITE # 130049 SITE NAME American Drive-In Cleaners

- ° **Priority I** - Top priority sites; supersede all others. Priority I can be assigned if any of the following criteria is met:
 - a) A sole source or primary aquifer, or a public or private water supply is being contaminated or threatened, or
 - b) Human exposure to contaminants has been identified which represents a Significant health risk as determined by DOH, or
 - c) There is a bioaccumulation of site contaminants in flora or fauna which results in a health advisory, or
 - d) Site contaminants are at levels that are acutely toxic to fish or wildlife or have caused documented fish or wildlife mortality, or
 - e) An expedient response could measurably reduce the threat to health or the environment, reduce the scope of a corrective action, or reduce potential remedial costs.

- ° **Priority II** - Important sites. Priority II can be assigned if any of the following criteria is met:
 - a) A Class AA or a Class A surface water body or a principal aquifer is being contaminated or threatened; however, no existing water supply has been contaminated, or
 - b) There is a bioaccumulation of site contaminants in flora or fauna which results in advisory or actionable levels but below levels necessitating a health advisory, or
 - c) Site contaminants are at levels chronically toxic to fish/wildlife, or
 - d) Endangered, threatened or rare species, significant habitats, designated coastal zone areas or regulated wetlands are being impacted by releases from the site, or
 - e) The site is identified by the International Joint Commission (IJC) as a component in a Remedial Action Plan (RAP), or
 - f) The site is within a State Economic Development Zone or is targeted for local government supported development and the developer has expressed a willingness to enter into a consent order with DEC to finance investigation and remediation.

- ° **Priority III** - General Site Category. Priority III will be assigned unless one or more of the site prioritization criteria, specified above, apply to a site. When resources become available, after remedial needs for Priority I and II sites have been accommodated, remediation of sites under this category can be considered.

COMMENT The Long Island sole source aquifer is being contaminated
(up to 274 ppb tetrachloroethylene)

Filled out by (Name): John Swastout Date: 9 Sept. 91

ANALYTICAL DATA AVAILABLE:

Air- Surface Water- Groundwater-X Soil-X Sediment-

CONTRAVENTION OF STANDARDS:

Groundwater-X Drinking Water-X Surface Water- Air-

LEGAL ACTION:

TYPE... State- Federal-
STATUS: Negotiation in Progress- Order Signed-

REMEDIAL ACTION:

Proposed- Under design- In Progress- Completed-
NATURE OF ACTION:

GEOTECHNICAL INFORMATION:

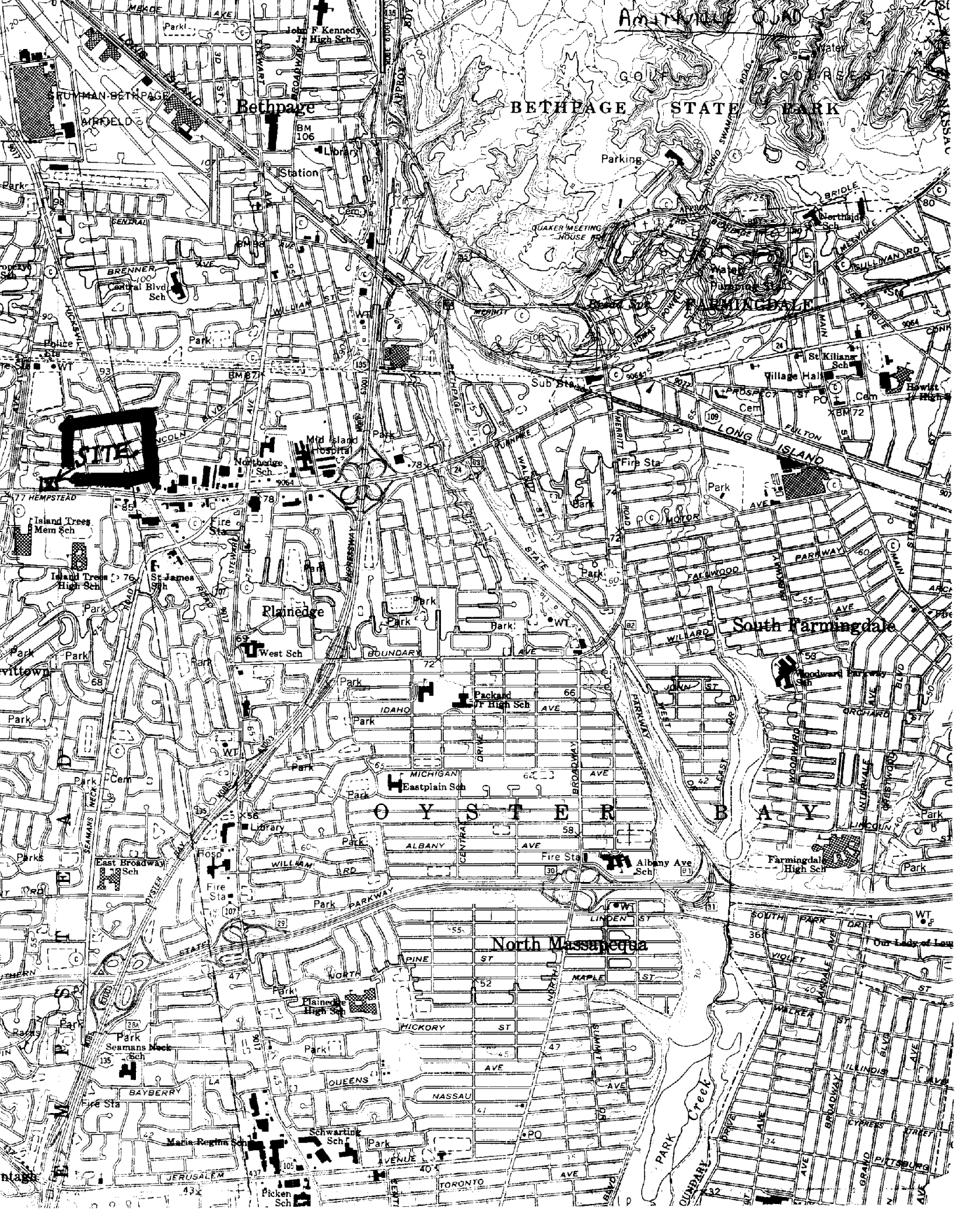
SOIL TYPE: sand
GROUNDWATER DEPTH: 27 feet

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Groundwater downgradient of the site is contaminated with tetrachloro-ethylene. The site is also located over a sole source aquifer.

ASSESSMENT OF HEALTH PROBLEMS:

On-site soils are contaminated with volatile organic compounds (VOCs) and the soil gas survey indicates soil vapors are migrating off-site. An off-site gas survey is needed to determine the extent of soil gas impacts. There is the potential for direct contact with of contaminated soils by workers and unauthorized persons. Groundwater is contaminated with trichloroethene. The area is served by public water, however, a private well survey needs to be performed to insure that no people are using contaminated groundwater.



Bethpage

BETHPAGE STATE PARK

SITE

Plainedge

South Farmingdale

OYSTER BAY

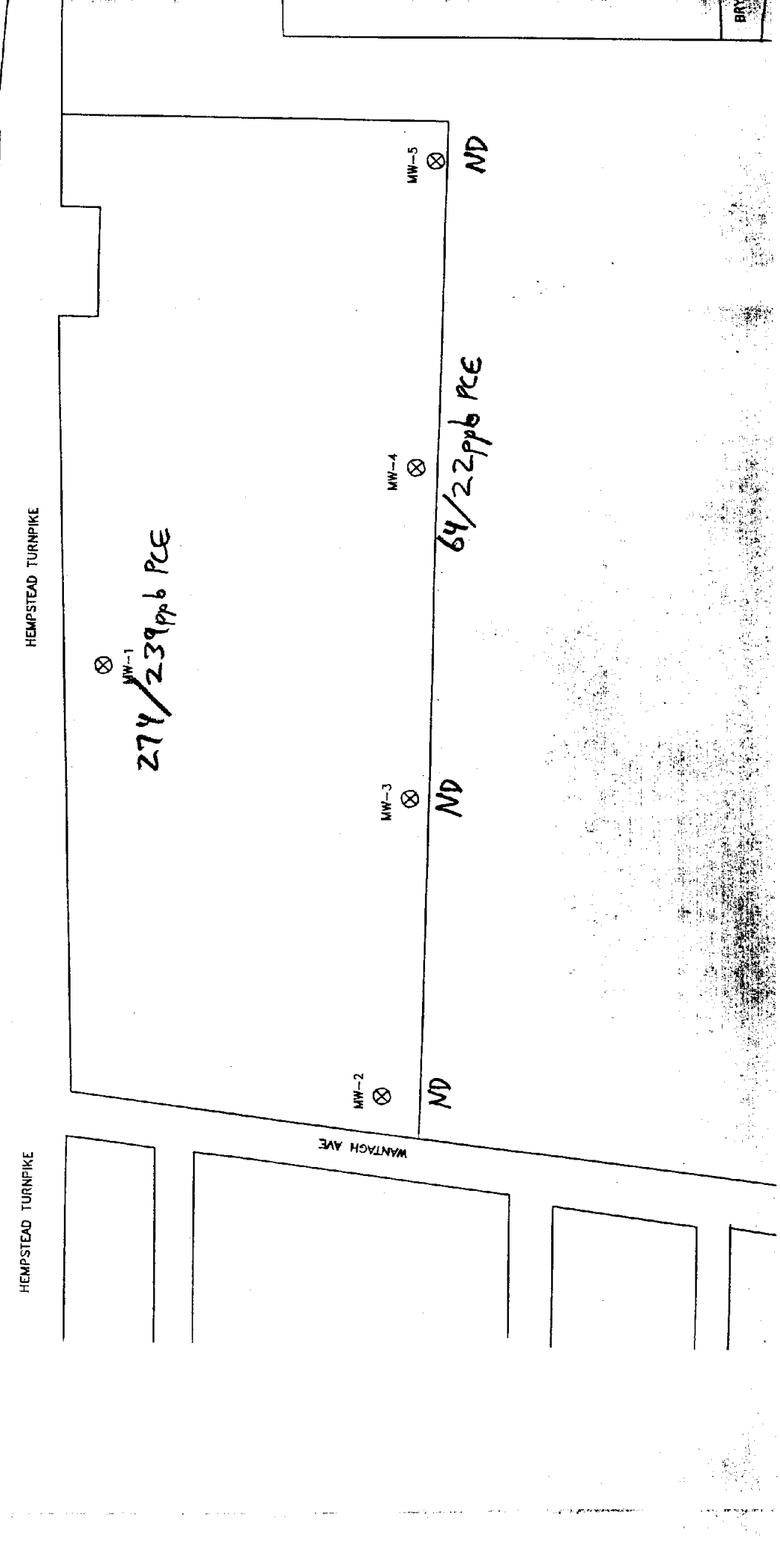
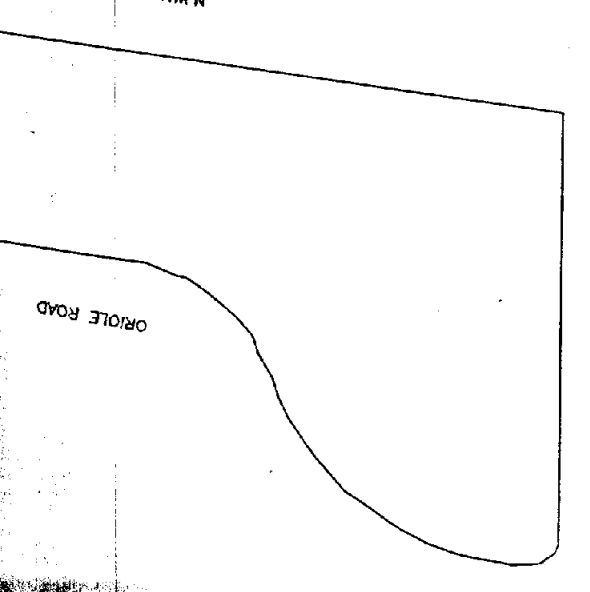
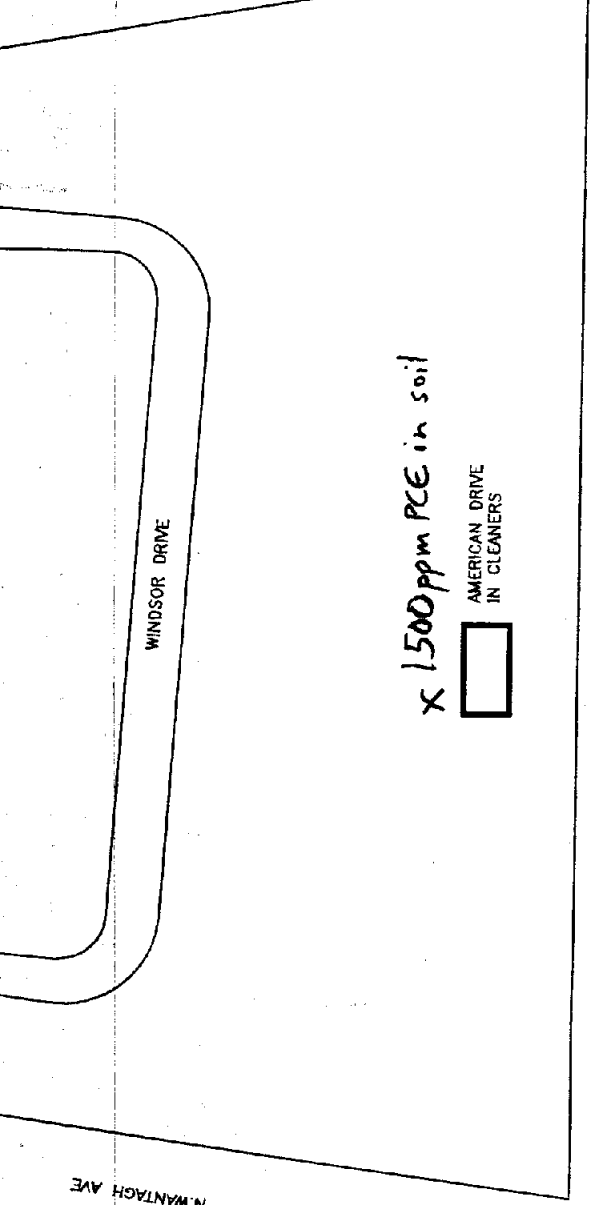
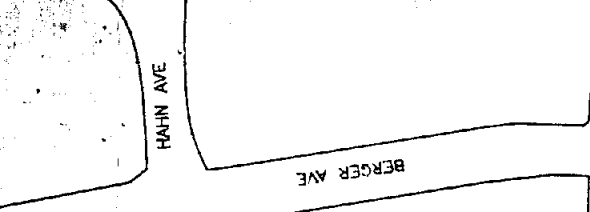
North Massapequa

BAYBERRY

TORONTO AVE

Park Creek





Inspection And Sampling Report

American Drive In Cleaners
3801 Hempstead Turnpike,
Levittown, N Y

At approximately 11:45 hours on 11/1/90 I arrived at American Drive In Cleaners. At that time I met with NCDH sanitarian Allen Fitzgerald and the business owner, Mrs. Parviz Nezami. Mr. Nezami gave us permission to inspect and sample his soil.

Mr. Nezami first escorted us to his back room where he claimed to discharge separator water. In the room we examined a stop sink. It was white plastic with no major scratches, wear or stains.

We then inspected the grounds and building exterior. The east side of the drycleaner was attached to a bagel shop. The south side (front) was a paved parking lot. The west side was paved and wide enough

for vehicles to enter. The side of the building contained several windows and a door roughly 12 feet from the rear of the building. See the attached map #1.

The rear or north side of the building had several windows but no doors. The land behind the building was roughly 8 feet wide and mostly paved. In part of this area large dead weeds were standing despite the lack of hard frost occurrence by this date.

As the maps show there was a sewer connection exposed in the rear. The exterior was a square concrete base raised roughly 8 inches above grade with a round metal cover. The cover bore the raised letters: NC SEWER.

Both the concrete and metal were only slightly weathered. The concrete was very light grey and not eroded. The cover was very lightly rusted. No ^{other} signs of aging were observed.

Under the cover there was a capped white plastic plumbing fitting. The cap was a 6 inch diameter, deeply concaved reddish rubbery device. In the cavity on top of the cap was three inches of moist to wet sandy soil. Surrounding the fitting below the cap was moist sand.

In the subsequent vapor survey the soil in the cap registered a peak of 6 units. The soil around the fitting registered a peak of 8 units.

As Map #2 indicates, soil vapor was detected in other areas behind the building. The method employed was to core the soil then take a reading from within the hole. The coring was done to a maximum depth of $1\frac{1}{2}$ feet. In some cases the coreings were as shallow as 4 inches due to underlying pavement. All recorded readings are peak readings.

After completing the vapor survey I took a sample, recorded data associated

with it on the attached Sampling Notes form. I then left the site and delivered the sample to the NCPH Lab.

WASSAU COUNTY DEPARTMENT OF HEALTH

BUREAU OF LAND RESOURCES MANAGEMENT

SAMPLING NOTES

DATE	SITE NAME	PAGE		OF
11/1/90	American Drive & n Cleaners	WEATHER 60 to 70°F, breezy, clear		1
	3801 Hempstead Turnpike	cloudy		
FIELD NUMBER	SOURCE	INTENDED ANALYSIS *	COMMENTS	
P-246	Located: 4 to 5 feet North of the Northwest building corner. Depth: 1 foot, Method: hole dug w/ cleaned matters. Vapor: PCE like odor, PID reading: 280 units	VOA + EP Tox/Total Metals	Sample transported on ice.	
1315 hours				

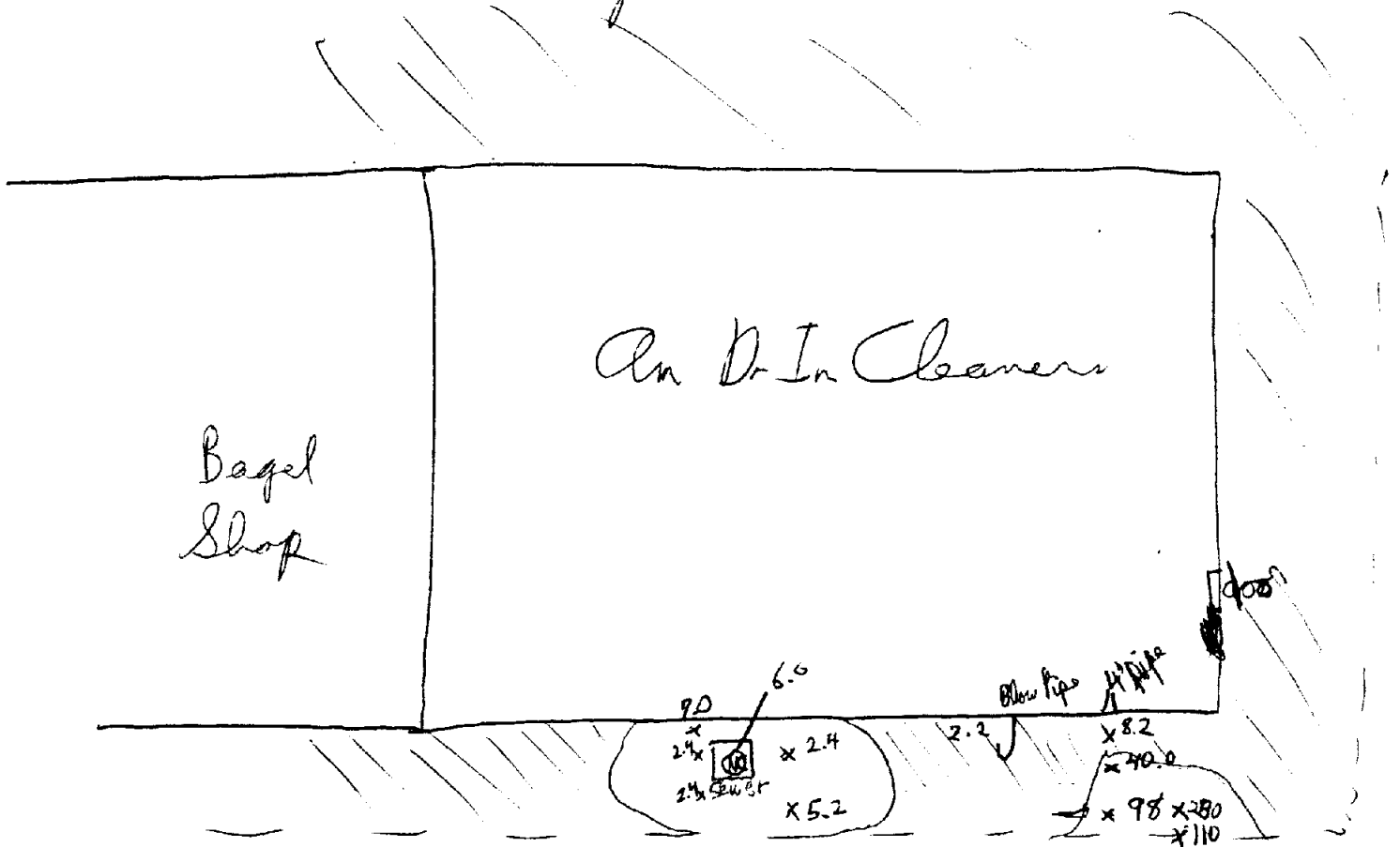
Peter J. Paul
SIGNATURE

* CN = CYANIDE VOA = VOLATILE ORGANIC ANALYSIS
 FP = FLASH POINT EP = EXTRACTION PROCEDURE
 PCB = POLYCHLORINATED BIPHENYLS

B W inspects every 3 mo

Separator H₂O discharge - New slop sink
in back Room

H N U Readings (Sustained)



LABORATORY WORKSHEET

901624

CHEMICAL EXAMINATION FOR TRACE ORGANIC
CONSTITUENTS IN WATER, HAZARDOUS WASTES
AND SOLID WASTES

- 1 Routine
- 2 Resample
- 3 Special
- 4 Complaint
- 5 Other

Center for Laboratories and Research
Nassau County Department of Health

Lab. No. 901624
Field No. P-246
N. No. (Public Water Supply Only)

Source Information (Please Print)

Premises	American	DF-1	In	Clear
Address	3801	Hempstead	Tpk	
Town	Levittown	NY		
Collection Point	4	ft North	Well No.	
	of	NW	Corner	

	Month	Day	Year
Date Collected	11	1	90
Date Received	NOV	01	1990
Date Reported	DEC	19	1990
Collection Time	1:15 PM		
Collected By:	Peter Paul		

Sampler's Comments:

Sample on ice
Has PCE like odor

Bureau

- 1 Land Resources Management
- 2 Public Water Supply
- 3 Water Pollution Control
- 4 Environmental Sanitation
- 9 Other (specify)

SAMPLE TYPE

AQUEOUS

NON-AQUEOUS

1	Community Well	6	Surface Water	1	Soil
2	Non-Community Well	7	Waste Water	2	Sludge
3	Private Well	8	Industrial Effluent	3	Waste Solvent
4	Monitoring Well	9	Raw Supply Water	4	Oil
5	Drinking Water	10	Distribution Water	5	Other (specify)

ANALYSIS TYPE

A	Purgeable Organic compounds
B	Other (specify)

Examiner's Comments:

DEC 21 1990

NASSAU COUNTY HEALTH DEPARTMENT
 CENTER FOR LABORATORIES AND RESEARCH
 ENVIRONMENTAL HEALTH LABORATORIES

TRACE ORGANICS

Access Number: 901624
 Source: AMERICAN DRY CLRNER, 3801 HEMPSTEAD TPKE, LEVITTOWN
 Matrix: SOIL
 Site: 4FT NORTH OF NW CORNER
 Date Sampled: 11/01/90
 Date of Report: 12/19/90

VOLATILE HALOGENATED	MRC (ng/g)	RESULT (ng/g)
VINYL CHLORIDE------(WA24)-----	500	< 500
TRICHLOROFLUORMETHANE------(WA01)-----	500	< 500
1,1-DICHLOROETHYLENE------(WA15)-----	500	< 500
METHYLENE CHLORIDE------(WA02)-----	500	< 500
t-1,2-DICHLOROETHYLENE------(WA16)-----	500	< 500
1,1-DICHLOROETHANE------(WA04)-----	500	< 500
c-1,2-DICHLOROETHYLENE------(WA17)-----	500	< 500
CHLOROFORM------(WA05)-----	500	< 500
1,1,1-TRICHLOROETHANE------(WA06)-----	500	< 500
CARBON TETRACHLORIDE------(WA07)-----	500	< 500
1,2-DICHLOROETHANE------(WA18)-----	500	< 500
TRICHLOROETHYLENE------(WA08)-----	500	2600
1,2-DICHLOROPROPANE------(WA20)-----	500	< 500
BROMODICHLOROMETHANE------(WA09)-----	500	< 500
c-1,3-DICHLOROPROPENE------(WA22)-----	500	< 500
t-1,3-DICHLOROPROPENE------(WA23)-----	500	< 500
1,1,2-TRICHLOROETHANE ------(WA19)-----	500	< 500
TETRACHLOROETHYLENE ------(WA13)-----	500	150000
DIBROMOCHLOROMETHANE------(WA10)-----	NR	NR
BROMOFORM ------(WA14)-----	NR	NR
1,1,2,2-TETRACHLOROETHANE-(WA21)-----	NR	NR

=====

MRC - MINIMUM REPORTABLE CONCENTRATION NA - NOT ANALYZED
 NR - NO RESULT DUE TO TECHNICAL REASONS - RESAMPLE SUGGESTED
 FPB: AIR - n1/l WATER - ug/l SOIL - ng/g

DEC. 21 1990



New York State Department of Environmental Conservation

FILE COPY

Originator J

MEMORANDUM

Reviewer _____

TO: David Markell, Director, Division of Environmental Enforcement
 FROM: Michael J. O'Toole, Jr., Director, Division of Hazardous Waste Remediation
 SUBJECT: Class 2 Referral - American Drive-In Cleaners, Site ID #130506

Reviewer _____

DATE:

The following site has recently been classified to Class 2:

American Drive In-Cleaners, Site ID #130506
 Hempstead, Nassau County

The hazardous wastes disposed are: Tetrachloroethylene (F002).

The significant threat is due to contamination of groundwater by tetrachloroethylene at 274 ppb. This level exceeds the applicable groundwater standards. The soil is also contaminated by tetrachloroethylene at 1500 ppm.

Potentially responsible party is:

Parviz Nezami
 3801 Hempstead Tpke.
 Levittown, New York

This site has been given a priority category of 1. It should be considered along with other sites during your continuous workplanning process.

More information regarding this site may be obtained from John Swartwout at (518) 457-0639. A current Registry site description is attached for your information.

Attachment

cc: J. Swartwout