ENGINEERING INVESTIGATIONS AT INACTIVE HAZARDOUS WASTE SITES IN THE STATE OF NEW YORK

PHASE I - PRELIMINARY INVESTIGATION

FINAL REPORT

PRIDE SOLVENTS AND CHEMICAL COMPANY SITE

CONTRACT NO. D000452
NYSDEC SITE NO. 152025

Submitted To:
Division of Solid Waste
New York State
Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233-0001

Submitted By:
Woodward-Clyde Consultants, Inc.
1250 Broadway, 15th Floor
New York, New York 10001

September 20, 1984

82C4548

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Woodward-Clyde Consultants, Inc.

September 20, 1984
82C4548

New York State Department of Environmental Conservation
Division of Solid Waste
Room 209
50 Wolf Road
Albany, New York 12233

Attention: Mr. Norman H. Nosenchuck
Director

Subject: Engineering Investigations at Inactive Hazardous Waste Sites in the State of New York
Phase I - Preliminary Investigation
Pride Solvents and Chemical Company, Inc.
NYSDEC No. 152025
EPA No. Not Available

Dear Sir:

This report presents the results of our Preliminary Investigation of the Pride Solvents and Chemical Company Inc. site in West Babylon, Suffolk County, New York. This preliminary investigation fulfills the requirements of Phase I of our Contract No. D000452 to perform engineering investigations at 40 inactive hazardous waste sites in the State of New York. Phase II involves field investigation services at the sites.

The objective of Phase I was to:

- collect and review data
- perform a site reconnaissance
- prepare a draft Hazard Ranking System (HRS) and Documentation
- develop a specific site work plan for Phase II
- develop Phase II site investigation costs
- identify known responsible parties
- prepare a summary report

This report contains six sections. Section 1.0 includes a description of the site. Section 2.0 presents the preliminary HRS work sheets, the HRS documentation records, and EPA site assessment forms (2070-12 and 2070-13). Section 3.0 provides a brief summary of the history of site activities. Section 4.0 includes a discussion of existing site data. Section 5.0 provides an assessment of the data adequacy identifying major data gaps. Lastly, Section 6.0 presents the recommended Phase II Site Investigation Work Plan and costs. The sampling and analysis plan and the health and safety plan are not included. These are to be supplied by NYSDEC.

The Pride Solvents and Chemical Company Inc. site consists of two buildings with underground and above ground storage of organic solvents. State and county authorities have determined that hazardous wastes were discharged into the surrounding soils and may have entered the ground water system. A SCDHS survey of 24 residential wells immediately south (downgradient) of the site area show significantly high levels of synthetic organic constituents and heavy metals. Babylon Landfill located about one block to the west may be the source of this contamination.

The Pride Solvents and Chemical Company is reportedly owned by Arthur Dohm of 88 Lamar Street, West Babylon, New York.

The HRS scores developed for the Pride Solvents and Chemical Company Inc. site are as follows:

S_M = 44.32 (S_{gw} = 76.67 S_{sw} = 0.0 S_a = 0.0)
S_{FE} = N/A
S_{DC} = 0.0

Adequacy of data must be evaluated in view of the source of the available information. Virtually all of the currently available site specific data were from SCDHS files. No analyses of soils or ground water from the site have been conducted.

The work plan for Phase II (field investigations) is specifically designed to address the data gaps identified, and confirm allegations made regarding waste disposal. The location, extent, character and transport mechanism of the disposed wastes are relatively unknown. We have proposed a limited geophysical survey to better define the presence and location of contaminant plumes. We also propose to install four shallow (30 ± ft.) monitoring wells, and to conduct ground water sampling and analyses. A detailed description of the work plan and estimated costs is provided in Section 6.0. The total estimated cost for Phase II investigations at the Pride Solvents and Chemical Company, Inc. is $26,859.

If there are any questions or comments concerning the work plan or any other portion of the Phase I report, please do not hesitate to contact us.

Very truly yours,

Donald R. Ganser

Donald R. Ganser,
Project Manager

DRG/cp
C654/130

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1.0
SITE DESCRIPTION

Pride Solvents and Chemical Company, Inc. (Pride Solvents) is located at 78-88 Lamar Street in West Babylon, New York (Figure 1). The site is located in southwesten Suffolk County, approximately 3 miles east of the Nassau County line. Pride Solvents occupies two buildings between Lamar Street and Kean Street to the west. The site presently consists of 2 buildings, 16 below ground storage tanks, 13 above ground tanks, outside drum storage and inside drum storage (H2M, 1981).

At the time of the WCC survey (April 1983) Pride Solvents was an active solvents reclaimer and distributor. The company is involved in the bulk storage and drum packaging and distribution of non-flammable, flammable and combustible organic solvents (H2M, 1981).

The site is located within an Industrial Park area. Many manufacturing and commercial facilities exist in the site vicinity. The Babylon Landfill is located approximatley 500 feet to the west of the site (Kimmel and Braids, 1980) and cemeteries are located to the north and southwest of the site. Another cemetery is located approximately one mile to the west of the site. Most of the area surrounding the immediate site is developed and paved.

2.0
U.S. ENVIONMENTAL PROTECTION AGENCY DOCUMENTATION

This section includes documentation records and work sheets required to develop Hazard Ranking System (HRS) scores. In addition, two EPA forms regarding site inspection and preliminary assessment have been completed and are included as required.

Documents included in this section are:

1. Preliminary Hazard Ranking System (HRS) Work Sheets
2. Documentation Records for HRS
3. EPA Form 2070-12 (Preliminary Assessment)
4. EPA Form 2070-13 (Site Inspection Report)

All forms were prepared as completely as possible using information available from county, state, and federal agency files. However, site-specific data are very sparce. All information provided in the Documentation Records for HRS is referenced, and copies of most references are included in Appendix B.

2.1 Preliminary HRS Work Sheets

Facility Name: Pride Solvents and Chemical Company

Location: 78-88 Lamar St. West Babylon, NY 11704

EPA Region: II

Person(s) in Charge of the Facility: Robert Gadue, Oper. Manager

Arthur Dohm, President

Name of Reviewer: C. Mancini, WCC **Date:** 6 Sept. 83

General Description of the Facility:

(For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)

The facility consists of 2 buildings in an industrial park area. Areas of concern include 16 below ground storage tanks, 13 above ground storage tanks, inside and outside drum storage areas. Hazardous materials include flammable, non-flammable, and combustible orgainc solvents and metals (iron and manganese). Information based on available documents. Route of Major Concern is Ground Water.

Scores: S_M = 44.32 (S_{gw} = 76.67 S_{sw} = 0.00 S_a = 0.00) 28.5

S_{FE} = N/A

S_{DC} = 0.00

GROUND WATER ROUTE WORK SHEET

	Rating Factor	Assigned Value (Circle One)	Multiplier	Score	Max. Score	Ref. (Section)
1	Observed Release	(0) 45	1	0	45	3.1
	If observed release is given a score of 45, proceed to line 4. If observed release is given a score of 0, proceed to line 2.					
2	Route Characteristics					3.2
	Depth to Aquifer of Concern	0 1 2 (3)	2	6	6	
	Net Precipitation	0 1 (2) 3	1	2	3	
	Permeability of the Unsaturated Zone	0 1 (2) 3	1	2	3	
	Physical State	0 1 2 (3)	1	3	3	
	Total Route Characteristics Score			13	15	
3	Containment	0 1 2 (3)	1	3	3	3.3
4	Waste Characteristics					3.4
	Toxicity/Persistence	0 3 6 9 12 15 (18)	1	18	18	
	Hazardous Waste Quantity	0 1 2 3 4 (5) 6 7 8	1	5	8	
	Total Waste Characteristics Score			23	26	
5	Targets					3.5
	Ground Water Use	0 1 2 (3)	3	9	9	
	Distance to Nearest Well/Population Served	0 4 6 8 10 12 16 18 20 24 30 32 35 (40)	1	40	40	
	Total Targets Score			49	49	
6	If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5	43,953			57,330	
7	Divide line 6 by 57,330 and multiply by 100	S_{gw} = 76.67				

SURFACE WATER ROUTE WORK SHEET

Rating Factor	Assigned Value (Circle One)	Multiplier	Score	Max. Score	Ref. (Section)
1 Observed Release	(0) 45	1	0	45	4.1
If observed release is given a value of 45, proceed to line 4. If observed release is given a value of 0, proceed to line 2.					
2 Route Characteristics					4.2
Facility Slope and Intervening Terrain	(0) 1 2 3	1	0	3	
1-yr. 24-hr. Rainfall	0 1 (2) 3	1	2	3	
Distance to Nearest Surface Water	0 (1) 2 3	2	2	6	
Physical State	0 1 2 (3)	1	3	3	
Total Route Characteristics Score			7	15	
3 Containment	0 1 2 (3)	1	3	3	4.3
4 Waste Characteristics					4.4
Toxicity/Persistence	0 3 6 9 (12) 15 18	1	12	18	
Hazardous Waste Quantity	0 1 2 3 4 (5) 6 7 8	1	5	8	
Total Waste Characteristics Score			17	26	
5 Targets					4.5
Surface Water Use	(0) 1 2 3	3	0	9	
Distance to a Sensitive Environment	(0) 1 2 3	2	0	6	
Population Served/Distance to Water Intake Downstream	(0) 4 6 8 10 12 16 18 20 24 30 32 35 40	1	0	40	
Total Targets Score			0	55	
6 If line 1 is 45, multiply 1 x 4 x 5. If line 1 is 0, multiply 2 x 3 x 4 x 5	0			64,350	
7 Divide line 6 by 64,350 and multiply by 100	S_{sw} = 0.00				

AIR ROUTE WORK SHEET

Rating Factor	Assigned Value (Circle One)	Multiplier	Score	Max. Score	Ref. (Section)
1 Observed Release	(0) 45	1	0	45	5.1
Date and Location:					
Sampling Protocol:					
If line 1 is 0, the S = 0. Enter on line 5. If line 1 is 45, then proceed to line 2.					
2 Waste Characteristics					5.2
Reactivity and Incompatibility	0 1 2 3	1		3	
Toxicity	0 1 2 3	3		9	
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8	
	Total Waste Characteristics Score			20	
3 Targets					5.3
Population Within 4-Mile Radius	0 9 12 15 18 21 24 27 30	1		30	
Distance to Sensitive Environment	0 1 2 3	2		6	
Land Use	0 1 2 3	1		3	
	Total Targets Score			39	
4 Multiply 1 x 2 x 3		0		35,100	
5 Divide line 4 by 35,100 and multiply by 100	S_a = 0.0				

	S	S^2
Groundwater Route Score (S_{gw})	76.67	5878.29
Surface Water Route Score (S_{sw})	0.00	0.0
Air Route Score (S_a)	0.00	0.0
$S_{gw}^2 + S_{sw}^2 + S_a^2$		5878.29
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2}$		76.67
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2} / 1.73$		$S_M = 44.32$

WORKSHEET FOR COMPUTING S_M

N/A

FIRE AND EXPLOSION WORK SHEET

	Rating Factor	Assigned Value (Circle One)	Multiplier	Score	Max. Score	Ref. (Section)
1	Containment	1 3	1		3	7.1
2	Waste Characteristics					7.2
	Direct Evidence	0 3	1		3	
	Ignitability	0 1 2 3	1		3	
	Reactivity	0 1 2 3	1		3	
	Incompatibility	0 1 2 3	1		3	
	Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8	
	Total Waste Characteristics Score				20	
3	Targets					7.3
	Distance to Nearest Population	0 1 2 3 4 5	1		5	
	Distance to Nearest Building	0 1 2 3	1		3	
	Distance to Sensitive Environment	0 1 2 3	1		3	
	Land Use	0 1 2 3	1		3	
	Population Within 2-Mile Radius	0 1 2 3 4 5	1		5	
	Buildings Within 2-Mile Radius	0 1 2 3 4 5	1		5	
	Total Targets Score				24	
4	Multiply 1 x 2 x 3				1,440	
5	Divide line 5 by 1,440 and multiply by 100			SFE = N/A		

DIRECT CONTACT WORK SHEET

	Rating Factor	Assigned Value (Circle One)	Multi-plier	Score	Max. Score	Ref. (Section)
1	Observed Incident	(0) 45	1	0	45	8.1
	If line 1 is 45, proceed to line 4 If line 1 is 0, proceed to line 2					
2	Accessibility	(0) 1 2 3	1	0	3	8.2
3	Containment	0 (15)	1	15	15	8.3
4	Waste Characteristics Toxicity	0 1 (2) 3	5	10	15	8.4
5	Targets					8.5
	Population Within a 1-Mile Radius	0 1 2 3 (4) 5	4	16	20	
	Distance to a Critical Habitat	(0) 1 2 3	4	0	12	
	Total Targets Score			16	32	
6	If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5	0			21,600	
7	Divide line 6 by 21,600 and multiply by 100	S_{DC} = 0.0				

2.2 Documentation Records for HRS

DOCUMENTATION RECORDS FOR HAZARD RANKING SYSTEM

INSTRUCTIONS: The purpose of these records is to provide a convenient way to prepare an auditable record of the data and documentation used to apply the Hazard Ranking System to a given facility. As briefly as possible summarize the information you used to assign the score for each factor (e.g., "Waste quantity = 4,230 drums plus 800 cubic yards of sludges"). The source of information should be provided for each entry and should be a bibliographic-type reference that will make the document used for a given data point easier to find. Include the location of the document and consider appending a copy of the relevant page(s) for ease in review.

FACILITY NAME: Pride Solvents and Chemical Company, Inc.

LOCATION: 78-88 Lamar Street, West Babylon, New York

GROUND WATER ROUTE

1. OBSERVED RELEASE

Contaminants detected (5 maximum):

N/A.

Rationale for attributing the contaminants to the facility:

N/A.

* * *

2. ROUTE CHARACTERISTICS

Depth to Aquifer of Concern

Name/description of aquifer(s) of concern:

Upper glacial aquifer; Magothy aquifer. Aquifers are hydraulically connected (Kimmel and Braids, 1980; Jensen and Soren, 1974).

Depth(s) from the ground surface to the highest seasonal level of the saturated zone (water table(s)) of the aquifer of concern:

10 feet (Jensen and Soren, 1974; USGS, 1979a).

Depth from the ground surface to the lowest point of waste disposal/storage:

Unknown. (Depth from ground surface to highest seasonal level of saturated zone is 10 feet, within range for a value of 3 used in the HRS). (Jensen and Soren, 1974).

Net Precipitation

Mean annual or seasonal precipitation (list months for seasonal):

46 inches (User's Manual).

Mean annual lake or seasonal evaporation (list months for seasonal):

31 inches (User's Manual).

Net precipitation (subtract the above figures):

15 inches.

Permeability of Unsaturated Zone

Soil type in unsaturated zone:

Sand loam (SCS, 1975).

Permeability associated with soil type:

10^{-3} cm/sec to 10^{-5} cm/sec (User's Manual).

Physical State

Physical state of substances at time of disposal (or at present time for generated gases):

Liquid (H2M, 1981).

3. CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

16 underground storage tanks;
13 above ground storage tanks; numerous drums.
(H2M, 1981)

Method with highest score:

Containers leaking; Score = 3 (SCDHS, undated).

4. WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated:

	Toxicity	Persistence
Organic Solvents (trichloroethylene, toluene methyl chloride, etc)	2	2
Heavy metals (iron, manganese)	1	3

(User's Manual; Sax, 1979)

Compound with highest score:

Trichloroethylene: 12 (User's Manual).

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

68,000 gallons (H2M, 1981).

Basis of estimating and/or computing waste quantity:

Based on Flammable and Combustible solvents stored in underground tanks, does not consider drum storage (H2M, 1981).

5. TARGETS

Ground Water Use

Use(s) of aquifer(s) of concern within a 3-mile radius of the facility:

Public supply wells, industrial and irrigation wells
(SCDHS, 1980c; USGS, 1979a; Kimmel and Braids, 1980).

Distance to Nearest Well

Location of nearest well drawing from aquifer of concern or occupied building not served by a public water supply:

34 Lamar St. (NYSDEC, 1983).

Distance to above well or building:

800 Feet (NYSDEC, 1983).

Population Served by Ground Water Wells Within a 3-Mile Radius

Identified water-supply well(s) drawing from aquifer(s) of concern within a 3-mile radius and populations served by each:

Public water supply well fields for:

Dix Hills	30,000
Babylon	377,000
East Farmingdale	5,200

(SCDHS, 1983; Rand McNally, 1983)

Computation of land area irrigated by supply well(s) drawing from aquifer(s) of concern within a 3-mile radius, and conversion to population (1.5 people per acre):

None.

Total population served by ground water within a 3-mile radius:

412,000 (SCDHS, 1983).

SURFACE WATER ROUTE

1. OBSERVED RELEASE

Contaminants detected in surface water at the facility or downhill from it (5 maximum):

N/A.

Rationale for attributing the contaminants to the facility:

N/A.

2. ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain

Average slope of facility in percent:

Approximately 3 percent (WCC Site Survey, 1983).

Name/description of nearest downslope surface water:

Santapogue Creek (USGS, 1979b).

Average slope of terrain between facility and above-cited surface water body in percent:

Less than 1 percent (USGS, 1979a; USGS, 1979b).

Is the facility located either totally or partially in surface water?

No (USGS, 1979a, WCC Site Survey, 1983).

Is the facility completely surrounded by areas of higher elevation?

No (USGS, 1979a; WCC Site Survey, 1983).

1-Year 24-Hour Rainfall in Inches

2.7 inches (User's Manual).

Distance to Nearest Downslope Surface Water

2 miles (USGS, 1979b).

Physical State of Waste

Liquid (H2M, 1981).

* * *

3. CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

See: Ground Water.

Method with highest score:

See: Ground Water.

4. WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s) evaluated

See: Ground Water.

Compound with highest score:

See: Ground Water.

Hazardous Waste Quantity

Total quantity of hazardous substances at the facility, excluding those with a containment score of 0 (Give a reasonable estimate even if quantity is above maximum):

See: Ground Water.

Basis of estimating and/or computing waste quantity:

See: Ground Water.

* * *

5. TARGETS

Surface Water Use

Use(s) of surface water within 3 miles downstream of the hazardous substance:

None (USGS, 1979a; USGS, 1979b).

Is there tidal influence?

No (USGS 1979a; USGS, 1979b).

Distance to a Sensitive Environment

Distance to 5-acre (minimum). coastal wetland, if 2 miles or less:

None (NYSDEC, 1975a).

Distance to 5-acre (minimum). fresh-water wetland, if 1 mile or less:

None (NYSDEC, 1975b).

Distance to critical habitat of an endangered species or national wildlife refuge, if 1 mile or less:

None (NYSDEC, 1983; US Fish and Wildlife Service, 1983).

Population Served by Surface Water

Location(s). of water-supply intake(s). within 3 miles (free-flowing bodies). or 1 mile (static water bodies). downstream of the hazardous substance and population served by each intake:

N/A.

Computation of land area irrigated by above-cited intake(s). and conversion to population (1.5 people per acre).:

N/A.

Total population served:

N/A.

Name/description of nearest of above water bodies:

N/A.

Distance to above-cited intakes, measured in stream miles:

N/A.

AIR ROUTE

1. OBSERVED RELEASE

Contaminants detected:

None known.

Date and location of detection of contaminants:

N/A.

Methods used to detect the contaminants:

N/A.

Rationale for attributing the contaminants to the site:

N/A.

* * *

2. WASTE CHARACTERISTICS

Reactivity and Incompatibility

Most reactive compound:

None known.

Most incompatible pair of compounds:

None known.

Toxicity

Most toxic compound:

None known

Hazardous Waste Quantity

Total quantity of hazardous waste:

See: Ground Water.

Basis of estimating and/or computing waste quantity:

See: Ground Water.

* * *

3. TARGETS

Population Within 4-Mile Radius

Circle radius used, give population, and indicate how determined:

0 to 4 mi	0 to 1 mi	0 to 1/2 mi	0 to 1/4 mi
201,825	8,351	849	0

(Donnelly Marketing, 1982).

Distance to a Sensitive Environment

Distance to 5-acre (minimum). coastal wetland, if 2 miles or less:

None (NYSDEC, 1975a).

Distance to 5-acre (minimum). fresh-water wetland, if 1 mile or less:

None (NYSDEC, 1975b).

Distance to critical habitat of an endangered species, if 1 mile or less:

None (NYSDEC, 1983).

Land Use

Distance to commercial/industrial area, if 1 mile or less:

Adjacent to site, 100 feet (WCC Site Survey, 1983).

Distance to national or state park, forest, or wildlife reserve, if 2 miles or less:

1.5 miles Belmont Lake State Park
(USGS, 1979a, USGS, 1979b).

Distance to residential area, if 2 miles or less:

0.5 miles (Donnelly Marketing, 1982; SCDHS, 1980c).

Distance to agricultural land in production within past 5 years, if 1 mile or less:

None known (NYS Department of Agriculture and Markets, 1983).

Distance to prime agricultural land in production within past 5 years, if 2 miles or less:

None known (NYS Department of Agriculture and Markets, 1983).

Is a historic or landmark site (National Register of Historical Places and National Natural Landmarks). within the view of the site?

No (NYS Parks and Recreation, 1983).

2.3 EPA Form 2070-12

(Preliminary Assessment)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	N/A

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
PRIDE SOLVENTS AND CHEMICAL CO, INC.	88 LAMAR ST.

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
WEST BABYLON	NY	11704	SUFFOLK	103	

09 COORDINATES LATITUDE	LONGITUDE
40 44 10.0	-73 22 43.0

10 DIRECTIONS TO SITE (Starting from nearest public road)
Farmingdale State Parkway, north on Wellwood Ave., east on Edison Ave., north on Lamar Street.

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)
ARTHUR DOHM, PRESIDENT	88 LAMAR ST.

03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
WEST BABYLON	NY	11704	(516) 643-4800

07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)

09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
			( )

13 TYPE OF OWNERSHIP (Check one)
☒ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☐ A. RCRA 3001 DATE RECEIVED: ___/___/___ (MONTH DAY YEAR) ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ___/___/___ (MONTH DAY YEAR) ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
☒ YES ☐ NO DATE 4, 22, 83 (MONTH DAY YEAR)

BY (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR ☐ C. STATE ☒ D. OTHER CONTRACTOR
☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: _____ (Specify)
CONTRACTOR NAME(S): WOODWARD - CLYDE CONSULTANTS, Inc (WCC)

02 SITE STATUS (Check one)	03 YEARS OF OPERATION		
☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN	BEGINNING YEAR: 1979	ENDING YEAR: PRESENT	☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
ORGANIC SOLVENTS

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
LEACHATE FROM UNDERGROUND TANKS DISCHARGING INTO SOIL AND GROUND WATER.
LEACHATE DISCHARGING INTO STORM DRAIN

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☒ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NUMBER
WILLIAM ROBERTS	SCDHS Suffolk County Dept. of Health Services	(516) 451-4627

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
DONALD R. GANSER		Woodward-Clyde (WCC) Consultants, Inc.	(212) 594-2118 (201) 785-0700	8, 29, 83 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	N/A

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- ☐ A. SOLID
- ☐ B. POWDER, FINES
- ☐ C. SLUDGE
- ☐ D. OTHER (Specify)
- ☐ E. SLURRY
- ☒ F. LIQUID
- ☐ G. GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

- TONS
- CUBIC YARDS
- NO. OF DRUMS ~600

03 WASTE CHARACTERISTICS (Check all that apply)

- ☒ A. TOXIC
- ☐ B. CORROSIVE
- ☐ C. RADIOACTIVE
- ☒ D. PERSISTENT
- ☐ E. SOLUBLE
- ☐ F. INFECTIOUS
- ☒ G. FLAMMABLE
- ☒ H. IGNITABLE
- ☐ I. HIGHLY VOLATILE
- ☐ J. EXPLOSIVE
- ☐ K. REACTIVE
- ☐ L. INCOMPATIBLE
- ☐ M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			UNKNOWN VOLUME
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			UNKNOWN VOLUME

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
SOL	TRICHLOROETHYLENE		STORM DRAIN	3110	ug/l
SOL	TOLUENE		TANK	4600	ug/l
SOL	TRICHLOROETHANE		"	65	"
SOL	TETRACHLOROETHYLENE		"	85	"
MES	IRON		"	0.7	"

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

SCDHS

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	N/A

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 412,000
02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

LEACHATE FROM UNDERGROUND STORAGE TANKS AND DISCHARGING INTO STORM DRAINS HAS THE POTENTIAL FOR ENTERING THE GROUND WATER AND MIGRATING DOWN GRADIENT.

01 [X] B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: UNKNOWN
02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

LEACHATE DISCHARGED INTO THE STORM DRAIN HAS POTENTIAL FOR ENTERING SURFACE WATER FROM OUTFLOW OF STORM SEWER SYSTEM.

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No information available (N/A)

01 [X] D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: 849
02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

POPULATION WITHIN ½ MILE OF SITE HAS POTENTIAL OF BEING AFFECTED FROM FIRE/EXPLOSION OF HIGHLY FLAMMABLE/COMBUSTIBLE SOLVENTS ON SITE.

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 [X] F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: UNKNOWN (Acres)
02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

LEACHATE LEAKING FROM UNDERGROUND TANKS AND DISCHARGING FROM STORM DRAIN HAS POTENTIAL FOR CONTAMINATING SOILS UNDER SITE.

01 [X] G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 412,000
02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

LEACHATE DISCHARGING INTO GROUND WATER HAS POTENTIAL FOR AFFECTING RESIDENTIAL WELLS < 0.5 MILE SOUTH OF SITE.

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: NY | 02 SITE NUMBER: N/A

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)

N/A

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES (Spills/runoff/standing liquids/leaking drums) — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Leaking underground tanks.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: 1980) ☐ POTENTIAL ☒ ALLEGED
04 NARRATIVE DESCRIPTION

HIGH CONCENTRATIONS OF ORGANIC SOLVENTS FOUND IN STORM DRAINS ON SITE

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: 1980) ☐ POTENTIAL ☒ ALLEGED
04 NARRATIVE DESCRIPTION

LEACHATE ALLEGEDLY DISCHARGED INTO THE GROUND WATER AND STORM DRAIN FROM LEAKING TANKS.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

N/A

III. TOTAL POPULATION POTENTIALLY AFFECTED: 412,000

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

SCDHS

2.4 EPA Form 2070-13

(Site Inspection Report)

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

EPA

I. IDENTIFICATION
01 STATE: NY | 02 SITE NUMBER: N/A

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER				
PRIDE SOLVENTS AND CHEMICAL CO., INC.	88 LAMAR ST.				
03 CITY	**04 STATE**	**05 ZIP CODE**	**06 COUNTY**	**07 COUNTY CODE**	**08 CONG DIST**
WEST BABYLON	NY	11704	SUFFOLK	103	

09 COORDINATES: LATITUDE 40 44 12.0 | LONGITUDE 73 22 43.0

10 TYPE OF OWNERSHIP (Check one): [X] A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL ☐ F. OTHER ☐ G. UNKNOWN

III. INSPECTION INFORMATION

01 DATE OF INSPECTION	02 SITE STATUS	03 YEARS OF OPERATION
4, 22, 83 (MONTH DAY YEAR)	[X] ACTIVE ☐ INACTIVE	1979 (BEGINNING YEAR) | PRESENT (ENDING YEAR) ☐ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR
☐ E. STATE [X] F. STATE CONTRACTOR WCC (Name of firm) ☐ G. OTHER (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO
H. GOLD	STAFF GEOLOGIST	WCC	(201) 785-0700

09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO
			( )
			( )
			( )
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
NONE - ACCESS DENIED			( )
SURVEY CONDUCTED FROM			( )
SURROUNDING AREA			( )
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
☐ PERMISSION ☐ WARRANT	1500	CLOUDY, MILD

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
WILLIAM ROBERTS	SCDHS Suffolk County Dept. of Health Services	(516) 451-4627

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
DONALD R. GANSER		Woodward-Clyde Consultants, Inc. (WCC)	(212) 594-2118 (201) 785-0700	8, 29, 83 (MONTH DAY YEAR)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	N/A

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- ☐ A. SOLID
- ☐ B. POWDER, FINES
- ☐ C. SLUDGE
- ☐ D. OTHER _____ (Specify)
- ☐ E. SLURRY
- ☒ F. LIQUID
- ☐ G. GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

- TONS _____
- CUBIC YARDS _____
- NO. OF DRUMS ~600

03 WASTE CHARACTERISTICS (Check all that apply)

- ☒ A. TOXIC
- ☐ B. CORROSIVE
- ☐ C. RADIOACTIVE
- ☒ D. PERSISTENT
- ☐ E. SOLUBLE
- ☐ F. INFECTIOUS
- ☒ G. FLAMMABLE
- ☒ H. IGNITABLE
- ☐ I. HIGHLY VOLATILE
- ☐ J. EXPLOSIVE
- ☐ K. REACTIVE
- ☐ L. INCOMPATIBLE
- ☐ M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			UNKNOWN VOLUME
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			UNKNOWN VOLUME

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
SOL	TRICHLOROETHYLENE		STORM DRAIN	3110	MG/L
SOL	TOLUENE		TANK	4600	MG/L
SOL	TRICHLOROETHANE		"	65	"
SOL	TETRACHLOROETHYLENE		"	85	"
MES	IRON		"	0.7	"

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

SCDHS

EPA FORM 2070-13(7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	N/A

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 412,000
02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

LEACHATE FROM UNDERGROUND STORAGE TANKS AND DISCHARGING INTO STORM DRAINS HAS THE POTENTIAL FOR ENTERING THE GROUND WATER AND MIGRATING DOWN GRADIENT

01 [X] B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: UNKNOWN
02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

LEACHATE DISCHARGING INTO THE STORM DRAIN HAS THE POTENTIAL FOR ENTERING SURFACE WATERS FROM OUTFLOW OF STORM SEWER SYSTEM.

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No information available (N/A)

01 [X] D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: 849
02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

POPULATION WITHIN ½ MILE OF SITE HAS POTENTIAL OF BEING AFFECTED FROM FIRE / EXPLOSION OF HIGHLY FLAMMABLE / COMBUSTIBLE SOLVENTS ON SITE.

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 [X] F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: UNKNOWN (Acres)
02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

LEACHATE LEAKING FROM UNDERGROUND TANKS AND DISCHARGING FROM STORM DRAIN HAS POTENTIAL FOR CONTAMINATING SOILS UNDER SITE.

01 [X] G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 412,000
02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

LEACHATE DISCHARGING INTO GROUND WATER HAS POTENTIAL FOR AFFECTING RESIDENTIAL WELLS < 0.5 MILE SOUTH OF SITE.

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: NY | 02 SITE NUMBER: N/A

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)

N/A

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES (Spills/Runoff/Standing liquids/Leaking drums) — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Leaking tanks underground.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: 1980) ☐ POTENTIAL ☒ ALLEGED
04 NARRATIVE DESCRIPTION

HIGH CONCENTRATIONS OF ORGANIC SOLUENTS HAVE BEEN FOUND IN STORM DRAWS ON SITE.

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: 1980) ☐ POTENTIAL ☒ ALLEGED
04 NARRATIVE DESCRIPTION

LEACHATE ALLEGEDLY DISCHARGED INTO THE GROUND WATER AND STORM DRAIN FROM LEAKING TANKS.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

N/A

III. TOTAL POPULATION POTENTIALLY AFFECTED: 412,000

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

SCDHS

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	N/A

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A. NPDES				
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☒ G. STATE (Specify) SPDES	NY0137073	3/14/79	3/14/84	
☐ H. LOCAL (Specify)				
☐ I. OTHER (Specify)				
☐ J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☐ A. SURFACE IMPOUNDMENT		
☐ B. PILES		
☐ C. DRUMS, ABOVE GROUND	~600	
☐ D. TANK, ABOVE GROUND	13	
☐ E. TANK, BELOW GROUND	16	
☐ F. LANDFILL		
☐ G. LANDFARM		
☐ H. OPEN DUMP		
☐ I. OTHER (Specify)		

04 TREATMENT (Check all that apply)

- ☐ A. INCENERATION
- ☐ B. UNDERGROUND INJECTION
- ☐ C. CHEMICAL/PHYSICAL
- ☐ D. BIOLOGICAL
- ☐ E. WASTE OIL PROCESSING
- ☐ F. SOLVENT RECOVERY
- ☐ G. OTHER RECYCLING/RECOVERY
- ☐ H. OTHER (Specify)

05 OTHER

☒ A. BUILDINGS ON SITE

06 AREA OF SITE

1 (Acres)

07 COMMENTS

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☒ B. MODERATE ☐ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☒ YES ☐ NO

02 COMMENTS

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

SCDHS

EPA FORM 2070-13 (7-81)

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE: NY | 02 SITE NUMBER: N/A

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)	SURFACE	WELL	02 STATUS: ENDANGERED	AFFECTED	MONITORED	03 DISTANCE TO SITE
COMMUNITY	A. ☐	B. ☒	A. ☒	B. ☒	C. ☒	A. 0.5 (mi)
NON-COMMUNITY	C. ☐	D. ☐	D. ☐	E. ☐	F. ☐	B. _____ (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☒ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available) ☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available) ☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER: 412,000
03 DISTANCE TO NEAREST DRINKING WATER WELL: 0.5 (mi)

04 DEPTH TO GROUNDWATER	05 DIRECTION OF GROUNDWATER FLOW	06 DEPTH TO AQUIFER OF CONCERN	07 POTENTIAL YIELD OF AQUIFER	08 SOLE SOURCE AQUIFER
10 (ft)	SOUTHEAST	0 (ft)	unknown (gpd)	☒ YES ☐ NO

09 DESCRIPTION OF WELLS (Including useage, depth, and location relative to population and buildings)

PUBLIC WATER SUPPLY WELLS, INDUSTRIAL WELLS, IRRIGATION OF LAWNS WITHIN 3 MILES OF SITE.

10 RECHARGE AREA		11 DISCHARGE AREA	
☐ YES ☐ NO	COMMENTS	☐ YES ☐ NO	COMMENTS

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☐ A. RESERVOIR, RECREATION DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☒ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE TO SITE
NONE KNOWN	☐	_____ (mi)
	☐	_____ (mi)
	☐	_____ (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	FOUR (4) THREE (3) MILES OF SITE
A. 8351 NO OF PERSONS	B. 42303 NO OF PERSONS	C. 201,825 NO OF PERSONS

02 DISTANCE TO NEAREST POPULATION: 0.5 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE: ~1000

04 DISTANCE TO NEAREST OFF-SITE BUILDING: 0 (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

SITE IS LOCATED WITHIN INDUSTRIAL PARK AREA. RESIDENTIAL AREA IS < 0.5 MILE TO SOUTH. SITE AREA SURROUNDED BY CEMETERIES.

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	N/A

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☒ B. $10^{-4} - 10^{-6}$ cm/sec ☐ C. $10^{-4} - 10^{-3}$ cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☒ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☐ B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-6}$ cm/sec) ☐ C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH	
1400 (ft)	unKnown (ft)	unKnown	

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE		
		SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
15 (in)	2.7 (in)	<3 %	SOUTH	0.5 %

09 FLOOD POTENTIAL

SITE IS IN — YEAR FLOODPLAIN

10 ☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)		12 DISTANCE TO CRITICAL HABITAT (of endangered species)
ESTUARINE	OTHER	— (mi)
A. — (mi)	B. — (mi)	ENDANGERED SPECIES: —

13 LAND USE IN VICINITY

DISTANCE TO:			
COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS PRIME AG LAND	AG LAND
A. 0 (mi)	B. 0.5 (mi)	C. — (mi)	D. — (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

SITE IS IN INDUSTRIALIZED AREA WITH NUMEROUS COMMERCIAL AND MANUFACTURING BUSINESSES ADJACENT TO SITE. AREA IS ENTIRELY PAVED AND RELATIVELY FLAT TERRAIN.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

SCDHS

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	N/A

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
		NONE	
GROUNDWATER			
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL			
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
	NONE

IV. PHOTOGRAPHS AND MAPS

01 TYPE ☐ GROUND ☐ AERIAL

02 IN CUSTODY OF _____ (Name of organization or individual)

03 MAPS ☒ YES ☐ NO

04 LOCATION OF MAPS: WOODWARD - CLYDE CONSULTANTS FILES

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	N/A

II. CURRENT OWNER(S)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
ARTHUR DOHM		88 LAMAR ST.		WEST BABYLON	NY	11704

PARENT COMPANY (If applicable)

08 NAME	09 D+B NUMBER	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE	12 CITY	13 STATE	14 ZIP CODE

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE

IV. REALTY OWNER(S) (If applicable, list most recent first)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	N/A

II. CURRENT OPERATOR (Provide if different from owner)

01 NAME		02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER	

OPERATOR'S PARENT COMPANY (If applicable)

10 NAME		11 D+B NUMBER
12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
14 CITY	15 STATE	16 ZIP CODE

III. PREVIOUS OPERATOR(S) (List most recent first, provide only if different from owner)

01 NAME		02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD	
01 NAME		02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD	
01 NAME		02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD	

PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)

10 NAME		11 D+B NUMBER
12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
14 CITY	15 STATE	16 ZIP CODE
10 NAME		11 D+B NUMBER
12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
14 CITY	15 STATE	16 ZIP CODE
10 NAME		11 D+B NUMBER
12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
14 CITY	15 STATE	16 ZIP CODE

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	N/A

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	N/A

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☒ D. SPILLED MATERIAL REMOVED — 02 DATE 4/10/81 — 03 AGENCY _____
04 DESCRIPTION
CONTAMINATED GROUND WATER, OPEN TOP DRUMS OF CONTAMINATED SOIL REMOVED BY HWD.

01 ☐ E. CONTAMINATED SOIL REMOVED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ F. WASTE REPACKAGED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ G. WASTE DISPOSED ELSEWHERE — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ H. ON SITE BURIAL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ I. IN SITU CHEMICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ J. IN SITU BIOLOGICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ K. IN SITU PHYSICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ L. ENCAPSULATION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ M. EMERGENCY WASTE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ N. CUTOFF WALLS — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ P. CUTOFF TRENCHES/SUMP — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Q. SUBSURFACE CUTOFF WALL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	N/A

II PAST RESPONSE ACTIVITIES *(Continued)*

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ S. CAPPING/COVERING — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ V. BOTTOM SEALED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ W. GAS CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ X. FIRE CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Y. LEACHATE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Z. AREA EVACUATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 2. POPULATION RELOCATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

III. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*

SCDHS

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	N/A

II. ENFORCEMENT INFORMATION

PAST REGULATORY/ENFORCEMENT ACTION ☒ YES ☐ NO

01. DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

SCDHS	ORDER ON CONSENT NO. IW-80-12	6/3/80
SCDHS	NOTICE OF FORMAL HEARING	UNDATED
SCDHS	NOTICE OF VIOLATION	4/14/80

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

SCDHS

EPA FORM 2070-13 (7-81)

3.0
SITE HISTORY

Pride Solvents has operated at the site at least since 1979 to the present (NYSDEC, 1979). The owner and president of Pride Solvents is Arthur Dohm. Currently, the Operations Manager and Supervisor are Robert Gadue and John Keogh, respectively (H2M, 1981). Operations at the facility consist of bulk storage, repackaging, and distribution of flammable, non-flammable, and combustible organic solvents (H2M, 1981). Pride Solvents was issued a SPDES permit on March 14, 1979 (NYSDEC, 1979). During the period from August 1979 through January 1980, a survey of residential water wells within ¼ mile (south) of the site was performed by the SCDHS. Test results indicated that 12 out of the 24 wells surveyed had water quality below NY State standards. Constituents encountered were trichloroethylene, tetrachloroethylene, trichloroethane, iron, and magnanese. Concentrations were in the 1-20 mg/l range (SCDHS, 1980).

In June 1980, an order on consent was issued to Pride Solvents for discharging hazardous wastes into the soils and ground water. (SCDHS, 1980b).

Samples taken from an on-site storm drain in 1980 indicated contamination by trichloroethylene, tetrachloroethylene (Perc) and methylene choloride (Dichloromethane) (SCDHS, 1980a). Also in 1982, storm drain samples showed contamination of toluene (SCDHS, 1982).

4.0
SITE DATA

4.1 Site Area Surface Features

The site of Pride Solvents is located in a generally flat area with an average ground surface slope of less than 3 percent.

There are no surface water features in the vicinity of the site. The entire area surrounding the site is paved and surface run-off is via existing storm drains.

The predominant land use in the area is industrial. The site is surrounded by existing manufacturing and commercial facilities. The Babylon landfill is located approximately 500 feet west of the site. Cemeteries are located north, west, and southwest of the site vicinity.

4.2 Site Hydrogeology

4.2.1 Ground Water Occurrence. Ground water in the site area occurs in unconsolidated sediments of Pleistocene and Cretaceous age. These deposits are approximately 1400 feet thick and overlie Precambrian crystalline bedrock (Taney, 1961; Jensen and Soren, 1974). The low hydraulic conductivity bedrock is considered to be the bottom of the ground water reservoir (Jensen and Soren, 1974).

The site area is directly underlain by glacial outwash deposits consisting of coarse sand and gravel. These deposits comprise the upper glacial aquifer and were approximately 74 feet thick at the Babylon landfill just

east of the site (Kimmel and Braids, 1980). Ground water in the upper glacial aquifer occurs at an elevation of 47 feet above MSL which translates to approximately 10 feet below the ground surface at the site (Kimmel and Braids, 1980). The water table has a hydraulic gradient of 8 feet per mile (Kimmel and Braids, 1980) in a southeasterly direction.

Underlying the upper glacial aquifer is the Gardiners Clay. This deposit is approximatley 10 feet thick under the site area and acts as a barrier to the vertical movement of water because of its low hydraulic conductivity (Kimmel and Braids, 1980).

The second major water bearing unit underlying the site area is the Cretaceous Magothy Formation. The Magothy aquifer is a major aquifer throughout most of Long Island and is hydraulically linked to the upper glacial aquifer. The Magothy aquifer consists of predominantly fine to coarse sand interbedded with clay, silt and lignite. It is believed to be approximately 800 feet thick in the site area (Taney, 1961; Jensen and Soren, 1974).

The Magothy aquifer directly overlies the clay member of the Cretaceous Raritan Formation. The clay in turn overlies and confines the Lloyd Sand member of the Raritan Formation, which constitutes the deep confined aquifer in the site area (Taney, 1961; Jensen and Soren, 1974). The Lloyd Sand consists of stratified beds of sand, gravel, silt and clay.

Underlying the members of the Raritan Formation is crystalline bedrock of Precambrian age. The bedrock surface dips approximately 60 feet per mile to the southeast, as do the overlying Cretaceous formations (Taney, 1961; Franke and McClymonds, 1982).

4.2.2 Ground Water Quality. Ground water quality in Suffolk County is generally good, typically containing less than 100 ppm dissolved solids (51 mg/l in the vicinity of the Babylon landfill). Local contamination by domestic waste, industrial

waste, and road salt has caused some alteration of the regional quality of the ground water (Kimmel and Braids, 1980).

Water quality samples from the Babylon landfill show that the water in the upper glacial aquifer has been contaminated by domestic waste with high concentrations of ammonia, nitrate, calcium, sodium, sulfate, and chloride (Kimmel and Braids, 1980).

A plume of leachate-enriched water eminating south-eastward from the Babylon landfill has been delineated on the basis of specific conductance. Specific conductance ranges between 1,000 and 2,000 micromhos (umho) throughout the plume; however values between 200 and 400 umho have been measured in wells outside the boundary of the plume in the vicinity of the site area (Kimmel and Braids, 1980).

4.3 Past Sampling and Analysis

Past sampling and analysis at the site has been confined to samples of the waste collected from the underground tanks, storm drain, sanitary cesspool, and surface puddle. All available analytical results are included in Appendix B.

Sampling and water quality analysis from existing wells in the vicinity of the site has been conducted for a study of the leachate plume from the Babylon landfill (Kimmel and Braids, 1980).

There has been no reported soil or air quality sampling for the site area.

5.0
DATA ADEQUACY

Existing available data were generally adequate to permit HRS scoring of the Pride Solvents and Chemical Company site. Much of the information on the site and specific data on hazardous materials of concern came from a Contingency Plan completed in 1981 by H2M. Files from the Suffolk County Department of Health Services and the WCC site survey also provided a good deal of information on the site vicinity.

Based on these data, the route of major concern is ground water. Ground water route characteristics and targets both serve to elevate this route score.

6.0
WORK PLAN

6.1 Objectives

Because there has been no reported previous sampling of ground water and soils at the site, the objective of this proposed work plan is to collect essential field information required to adequately prepare a final HRS Score and recommendations for remedial action. For this site, the work plan will primarily address questions concerning ground water flow and quality and extent of the soil contamination.

6.2 Field Investigation Plan

6.2.1 Geophysical Studies. A geophysical survey utilizing the terrain conductivity technique will be performed at the site. This technique may be utilized to locate subsurface plumes resulting from leakage of the underground tanks. For this purpose, measurements will be taken around the site vicinity especially in the south and east direction which is downgradient of the facility. Ground water flow is assumed to be in a southeasterly direction. Furthermore, these measurements could help identify anomalous conductivity distributions that may indicate burried metallic objects such as tanks and pipes. The data will be plotted on maps and contoured. These contour maps will provide the basis for defining the number and location of ground water monitoring wells.

It is estimated that a two person team will require two days to perform the conductivity survey, with readings taken for exploration depths of approximately 25 feet deep.

6.2.2 Monitoring Wells

6.2.2.1 Installation. Monitoring wells will be installed to provide data pertinent to both water chemistry and characterization of the stratigraphy and ground water regime at the site. It is recommended that four monitoring wells be installed, at the approximate locations shown in Figure 2. Finalized well locations will be determined after the geophysical data has been plotted and reduced. These locations will depend also on the utility search in order to avoid underground obstacles and on accessibility behind the plant building.

One well (MW-1) will be installed at a presumed upgradient location, near the northwest corner of the site. This well will provide background data on the ground water flowing into the area.

Three monitoring wells will be required to monitor downgradient flow directions and water quality. Wells MW-2, MW-3, and MW-4 will be installed at the approximate locations shown in Figure 2. These locations will provide a opportunity for interception of a contaminant plume, from the wastes which have leaked from underground storage tanks.

All monitoring wells will be installed so as to sample the upper 15 feet of ground water. It is assumed that the ground water table will be within 15 feet of the ground surface and that total well depth will not exceed 25 feet.

Borings will be advanced through the overburden by 6-inch I.D. hollow stem augers or driven casing, with continuous split spoon sampling through the upper 15 feet of soil, and at 5-foot intervals below 15 feet. Soil samples will be classified in the field by a hydrogeologist. Selected samples will be sent to our geotechnical laboratory for grain size analysis and Atterberg Limits testing. To maximize information on any volatile organic contaminants, headspace analyses

will be conducted on soil samples, using a portable gas chromatograph. These data will be used to evaluate relative concentrations of organic contaminants in various stratigraphic horizons.

Slotted 3-inch I.D. PVC well screen will be installed over 10-foot intervals in each well, with a riser of flush joint, threaded, 3-inch I.D. PVC pipe. Where necessary, risers will extend at least 3 feet above the ground surface to prevent contamination by surface water flooding. A gravel pack will be completed to approximately 2 feet above the top of the screen, where a 1-foot bentonite seal will be installed. To further assure that water samples will be representative of the screened interval, the remaining annular space will be grouted, and a protective steel casing will be installed. After installation, the wells will be developed by pumping, to remove any fine grained material.

It is estimated that 9 days will be required to complete the drilling and well installation. This time frame also includes surveying of well elevations, organic vapor analysis, and slug-type permeability testing.

6.2.2.2 Water Elevations. Ground water depths will be measured at the time of well development and again at the time of pumping. Relative well elevations will be surveyed by WCC personnel. Water elevations will be plotted and used to develop contours of the ground water table at the site. Based on this map, the direction(s) of ground water flow will be calculated.

Flow and gradient data will be fundamental input in quantifying site conditions and will be assessed together with plume geometries (if any) inferred from geophysical survey data.

6.2.2.3 Aquifer Testing. "Slug"-type permeability tests will be conducted in each newly installed well to evaluate the permeabiltiy of materials spanning the screened interval. The method is a rapid means by which the in-situ permeability in the immediate vicinity of a monitoring well can be approximated.

The test does not involve pumping of potentially contaminated water, and results generally suffice for ground water flow analysis.

6.2.3 Sampling and Analysis Plan

6.2.3.1 General Plan. Sampling and analysis plan to be supplied by NYSDEC.

6.2.4.2 Sampling Parameters. Previous sampling at the site is limited to the waste materials at the surface. Therefore, the laboratory analysis will focus on chemical screening techniques to determine the range of concentration and the migration of contamination in ground water and contamination of subsurface soils. Sampling parameters will cover a variety of contaminants, including heavy metals, volatile and non-volatile organics. In addition, air quality will be monitored using the HNU photoionization analyzer or the Organic Vapor Analyzer (OVA) to determine whether volatile organics are being released from the site towards adjacent residential areas. Sample types and chemical parameters are summarized in Table 6-1.

It is estimated that 2 days will be required to conduct the field sampling and air monitoring.

6.2.3.3 Sampling Locations. One water sample and one soil sample from each of the four ground water monitoring wells will be analyzed. Results of each pair of analyses will be compared to evaluate any downward migration of contaminants through soil. Ground water analyses will be evaluated in terms of other hydrogeologic data to evaluate the presence, distribution, and migration directions of any ground water contaminant plumes. Air quality will be assessed at upwind and downwind locations.

6.3 Health and Safety Plan

Health and Safety Plan to be supplied by NYSDEC.

6.4 Cost Estimate

Costs for Phase II work were developed based on assumptions, rates, and charges described in WCC's cost proposal submitted to NYSDEC on 29 October 1982. Costs have been grouped by task, and estimates are presented in Tables 6-2, 6-3, 6-4, 6-5, and 6-6. Costs my be affected by the contents of the sampling and analysis plan or the health and safety plan to be supplied by NYSDEC. The total estimated cost for Phase II investigations at the Pride Solvents and Chemical Company site is $26,859.

Table 6-1. PROPOSED CHEMICAL ANALYSES AT PRIDE SOLVENTS AND CHEMICAL SITE.

	ANALYSES			
Sample Type	Metals	Volatile Organics	Non-Volatile Organics	Remarks
Ground Water	X	X	X	One sample at each of four wells.
Soil	X	X	X	One sample from unsaturated zone at each of four wells.
Air		X		Upwind and downwind locations at the site using HNU or OVA.

TABLE 6-2. GEOPHYSICAL STUDIES' COSTS.

			Estimated Cost	Total Estimated Cost
1. Direct Material				
a. Purchased Parts				
b. Subcontract Items				
c. Other				
2. Material Overhead				
	Estimated Hours	Rate/ Hour		
3. Direct Labor				
Senior Staff Engineer/ Geologist/Scientist	40	12.62	505	
		Total Direct Labor		$ 505
	O H Rate	X Base		
4. Labor Overhead				
Labor Overhead	120%	505	606	
		Total Labor Overhead		$ 606
5. Special Testing				
6. Special Equipment - Terrain Conductivity Equipment (EM-34)				$ 400
7. Travel				
a. Transportation			25	
b. Subsistence			120	
		Total Travel		$ 145
8. Consultants				
		Total Consultants		-
9. Other Direct Costs				
10.		**Total Direct Costs and Overhead**		$1,656
11. General and Administrative Expense (rate 15% of Cost Element No's. 1, 3, 4, 7, 9)				$ 188
12. Royalties				-
13.			Sub Total	$1,844
14. Fee			166	
15.		Total Estimated Cost		$2,010

TABLE 6-3. DRILLING/WELL INSTALLATION COSTS.

			Estimated Cost	Total Estimated Cost
1. Direct Material				
a. Purchased Parts				
b. Subcontract Items			$ 7,110	
c. Other				
		Total Direct Material		$ 7,110
2. Material Overhead				
	Estimated Hours	Rate/ Hour		
3. Direct Labor				
Senior Staff Engineer/ Geologist/Scientist	90	12.62	1136	
		Total Direct Labor		$ 1,136
	O H Rate	X Base		
4. Labor Overhead				
Labor Overhead	120%	1,136	1,363	
		Total Labor Overhead		$ 1,363
5. Special Testing				
6. Special Equipment				
Century Organic Vapor Analyzer			250	
Photovac 10A10 Gas Chromatograph			450	
		Total Special Equipment		$ 700
7. Travel				
a. Transportation			76	
b. Subsistence			540	
		Total Travel		$ 616
8. Consultants				
		Total Consultants		-
9. Other Direct Costs				
10.		**Total Direct Costs and Overhead**		$ 10,925
11. General and Administrative Expense (rate 15% of Cost Element No's. 1, 3, 4, 7, 9)				$ 1,534
12. Royalties				-
13.		**Sub Total**		$ 12,459
14. Fee			1,121	
15.		Total Estimated Cost		$ 13,580

TABLE 6-4. SAMPLING AND ANALYSIS COSTS.

			Estimated Cost	Total Estimated Cost
1. Direct Material				
a. Purchased Parts				
b. Subcontract Items			$ 4,400	
c. Other				
		Total Direct Materials		$ 4,400
2. Material Overhead				
	Estimated Hours	Rate/ Hour		
3. Direct Labor				
Senior Staff Engineer/ Geologist/Scientist	20	11.54	231	
		Total Direct Labor		$ 231
	O H Rate	X Base		
4. Labor Overhead				
Labor Overhead	120%	231	277	
		Total Labor Overhead		$ 277
5. Special Testing				$ 1,001
6. Special Equipment - Pumps, Bailers				$ 100
7. Travel				
a. Transportation			25	
b. Subsistence			60	
		Total Travel		$ 85
8. Consultants				
		Total Consultants		-
9. Other Direct Costs				
Sample Shipment			250	
		Total Other Direct Costs		$ 250
10.		**Total Direct Costs and Overhead**		$ 6,344
11. General and Administrative Expense (rate 15% of Cost Element No's. 1, 3, 4, 7, 9)				$ 786
12. Royalties				-
13.			**Sub Total**	$ 7,130
14. Fee			642	
15.		**Total Estimated Cost**		$ 7,772

TABLE 6-5. REPORT PREPARATION COSTS.

			Estimated Cost	Total Estimated Cost
1. Direct Material				
a. Purchased Parts				
b. Subcontract Items				
c. Other				
2. Material Overhead				
	Estimated Hours	Rate/ Hour		
3. Direct Labor				
Senior Staff Engineer/ Geologist/Scientist	30	12.62	379	
Draftsperson	10	10.24	102	
Typist	3	8.44	25	
		Total Direct Labor		$ 506
	O H Rate	X Base		
4. Labor Overhead				
Labor Overhead	120%	506	607	
		Total Labor Overhead		$ 607
5. Special Testing				
6. Special Equipment				
7. Travel				
a. Transportation				
b. Subsistence				
8. Consultants				
		Total Consultants		-
9. Other Direct Costs				$ 150
10.		**Total Direct Costs and Overhead**		$1,263
11. General and Administrative Expense (rate 15% of Cost Element No's. 1, 3, 4, 7, 9)				$ 189
12. Royalties				-
13.			**Sub Total**	$1,452
14. Fee			131	
15.			**Total Estimated Cost**	$1,583

TABLE 6-6. PROJECT MANAGEMENT COSTS.

			Estimated Cost	Total Estimated Cost
1. Direct Material				
a. Purchased Parts				
b. Subcontract Items				
c. Other				
2. Material Overhead				
	Estimated Hours	Rate/ Hour		
3. Direct Labor				
Principal In Charge	2	33.32	67	
Activity Leader	10	20.92	209	
Project Manager	10	20.91	209	
Asst. Prj. Engr/Geol/Sci.	10	14.96	150	
Typist	4	8.44	34	
		Total Direct Labor		$ 669
	O H Rate	X Base		
4. Labor Overhead				
Labor Overhead	120%	669	803	
		Total Labor Overhead		$ 803
5. Special Testing				
6. Special Equipment				
7. Travel				
a. Transportation			55	
b. Subsistence				
		Total Travel		$ 55
8. Consultants				
		Total Consultants		-
9. Other Direct Costs				
10.		**Total Direct Costs and Overhead**		$1,527
11. General and Administrative Expense (rate 15% of Cost Element No's. 1, 3, 4, 7, 9)				$ 229
12. Royalties				-
13.			**Sub Total**	$1,756
14. Fee			158	
15.		**Total Estimated Cost**		$1,914

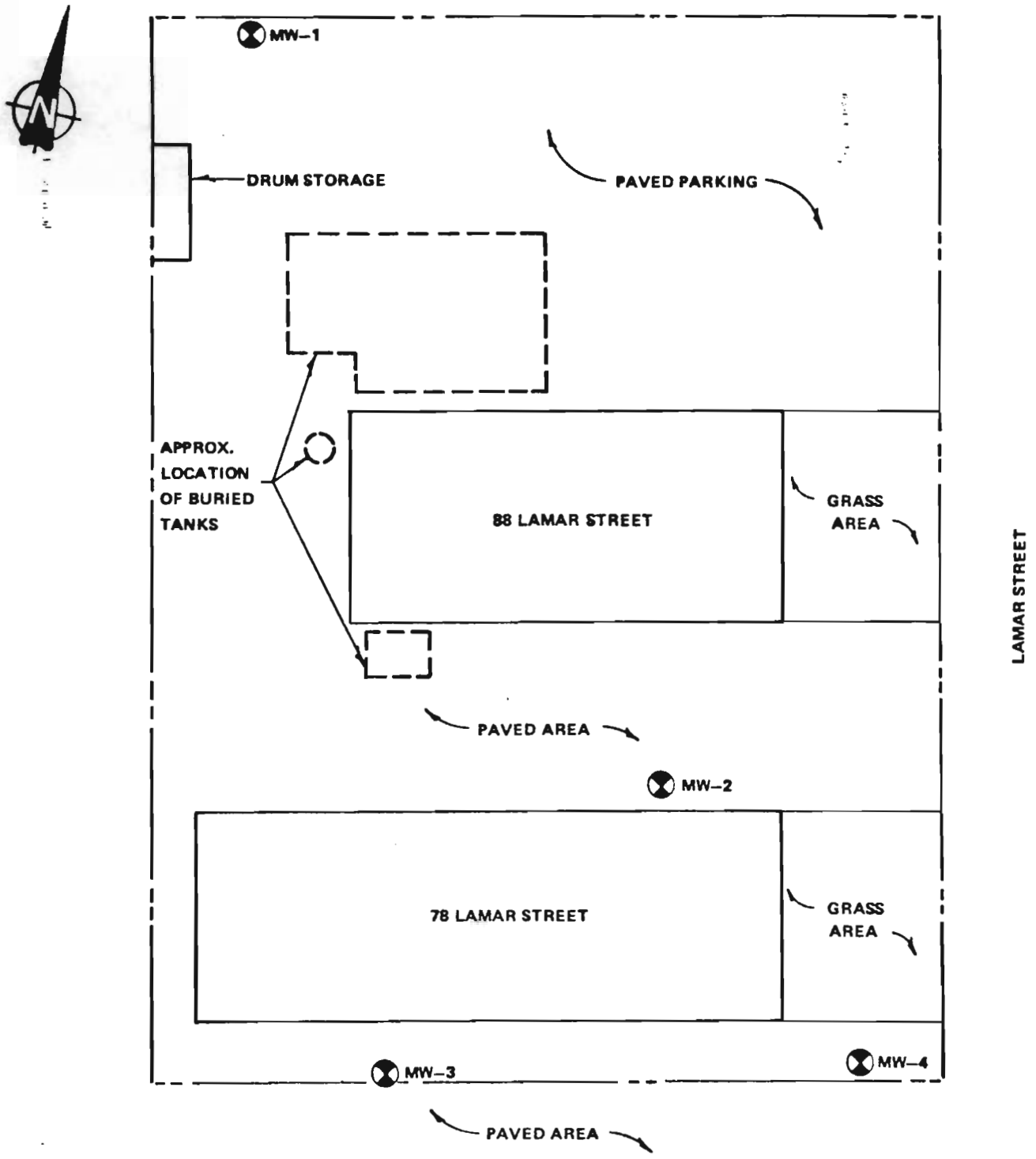
NOTE: BASE MAP FROM USGS, AMITYVILLE, NY QUAD, 1979

SITE LOCATION MAP
PRIDE SOLVENTS AND CHEMICAL COMPANY

WOODWARD—CLYDE CONSULTANTS, INC.

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS
NEW YORK, NEW YORK

DR. BY: BTD	SCALE: 1 IN. = 2000 FT	PROJ. NO.: 82C4548-14
CK'D. BY: AJS	DATE: 30 AUGUST 1983	FIG. NO.: 1



NOTE:
DRAWING MODIFIED FROM:HOLZMACHER, McLENDON AND MURRELL (H2M), 1982

LEGEND

⊗ PROPOSED MONITORING WELL

LOCATION PLAN
FOR PROPOSED PHASE II INVESTIGATION
PRIDE SOLVENTS AND CHEMICAL COMPANY

WOODWARD—CLYDE CONSULTANTS, INC.
CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS
NEW YORK, NEW YORK

DR. BY: DRS	SCALE: NOT TO SCALE	PROJ. NO.: 82C4548--14
CK'D. BY: AJS	DATE: 8 SEPTEMBER 1983	FIG. NO.: 2

APPENDIX A

APPENDIX A
REFERENCES

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APPENDIX B

APPENDIX B
PERTINENT INFORMATION

File

CONTINGENCY PLAN

PRIDE SOLVENTS AND CHEMICAL CO., INC.

WEST BABYLON, NEW YORK

MAY 1981

HOLZMACHER, McLENDON and MURRELL, P.C.
Consulting Engineers, Environmental Scientists and Planners
Melville, N.Y. Farmingdale, N.Y. Riverhead, N.Y.

CONTINGENCY PLAN

PRIDE SOLVENTS AND CHEMICAL CO., INC.

WEST BABYLON, NEW YORK

MAY 1981

SCOPE AND INTRODUCTION

This report is intended to outline the existing operations at the Pride Solvents and Chemical Co., Inc. (Pride Solvents), of 88 Lamar Street, West Babylon, New York, so as to assist the various agencies of government in the event of an emergency occurring at their facility.

BACKGROUND

Pride Solvents operates a chemical and solvent distribution company out of a 5,000 square foot building on a 40,000 square foot parcel of land located on the west side of Lamar Street in West Babylon, Suffolk County. The facility is east southeast of the Babylon Town landfill. See Figure 1, location map.

The operations conducted at this facility are strictly limited to bulk storage and distribution, drum storage and distribution, and drum packaging for distribution. There are no processing and/or mixing operations conducted. The materials handled are limited to three basic categories: non-flammable, flammable and combustible organic solvents.

CURRENT OPERATIONS

Pride Solvents distributes combustible, flammable and non-flammable solvents. Table 1 lists the current combustible solvents stored in bulk and distributed from these operations.

TABLE 1 - COMBUSTIBLE

MATERIAL	TYPE	STORAGE (Gallons)
VARSOL #3	stoddard solvent	3000 (1)
LOPS	aliphatic solvent	3000 (1), 5000 (1)
DIESEL FUEL	--	3000 (1)
VARSOL #18	stoddard solvent	6000 (1)
VARSOL #1	stoddard solvent	6000 (1)
DOW EB	butyl cellosolve	5000 (2)
ORTHO	orthodichlorobenzene	2000 (3)
DOW DE	carbitol	1500 (3)

(1) below grade tank
(2) inside storage
(3) outside storage above grade

Table 2 lists the current flammable solvents stored in bulk and distribited from their operations.

TABLE 2 - FLAMMABLE

MATERIAL	TYPE	STORAGE (Gallons)
XYLOL	dimethylbenzene	3000 (1)
VM&P	naptha	3000 (1)
LAKTANE	mixture C_7-C_8	3000 (1)
METHANOL	methyl alcolol	3000 (1)
TELSOL 190	ethanol	3000 (1)
GASOLINE	--	3000 (1)
TOLUOL	methyl benzene	6000 (1)
ACETONE	dimethyl ketone	6000 (1)
ISO ALCOHOL	isopropyl alcohol	6000 (1)
MEK	methyl ethyl ketone	6000 (1)

(1) below grade tank

Table 3 lists the current non-flammable solvents stored and distributed from these operations.

TABLE 3 - NON-FLAMMABLE

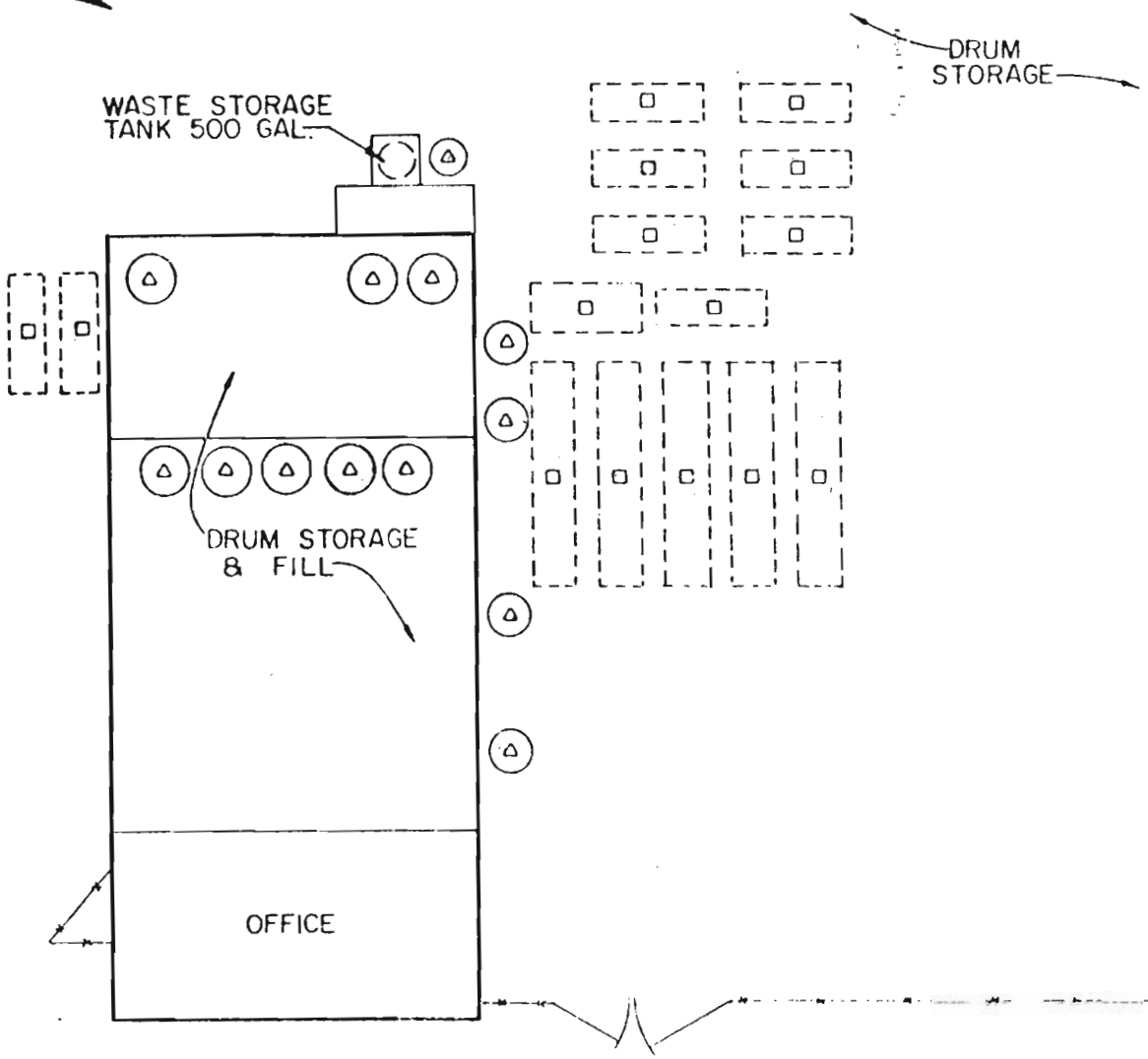
MATERIAL	TYPE	STORAGE (Gallons)
CHLORO-NU	1,1,1-trichloroethane	5000 (2)
METHYLENE CHLORIDE	--	5000 (2), 1500 (3)
PERCHLOROETHYLENE	tetrachloroethylene	5000 (2), 5000 (2) 1500 (3)
TRICHLOROETHYLENE	--	5000 (2)
CHLORO-V6	trichloroethane	5000 (2), 5000 (2)

(1) below grade tank
(2) inside storage
(3) outside storage above grade

Figure 2 provides a facility plan which locates all the inside and outside bulk storage tanks. It should be noted that this facility is working under an agreement with the Suffolk County Department of Health Services regarding Article XII, a Local Law which impacts the manner in which bulk chemicals are stored at this facility. Not only will bulk storage be modified in the near future to include berms for all inside and outside above grade tanks, but drum storage will also be modified as well to bring the facility into compliance. It may become necessary to modify this report to account for the proposed changes. Although the changes will likely lessen any emergency impacts, since flammable and combustible inventories for drums will be substantially reduced.

DRUM INVENTORIES

Drum inventories on hand for April 30, 1981 are presented in Table 4. Non-flammable and non-combustible drums are stored indoors. This would specifically entail the chlorinated solvents and freons.



□ - INDICATES BELOW GRADE PRODUCT STORAGE
△ - INDICATES ABOVE GRADE PRODUCT STORAGE

0 30

SCALE: 1" = 30'

LAMAR STREET

OCTOBER 1980

CHEMICAL FACILITY PLAN

PRIDE SOLVENT & CHEMICAL CO., INC.

WEST BABYLON, SUFFOLK CO., NEW YORK

EPA I.D. NO. NYD 057722258

Flammable and combustible materials are stored outdoors in the area designated on the facility plan.

CHEMICAL	DRUMS ON HAND (4/30/81)
Acetone	11
111 Trichloroethane	95
Antifreeze	17
Aromatic 150	4
NButyl Acetate	3
Sec. Butyl Alcohol	3
Carbon Tetrachloride	2
Oil	44
Diactone Alcohol	15
Dibutyl Phthalate	3
Diethanolamine	10
Diethylene Glycol	9
Diethylene Triamine	2
Diisopropanolamine	1
DioctylyPhthalate	3
Dipropylene Glucose	8
Dowanol DE	4
Dowanol EB	9
Dowanol EE	7
Dowanol EM	2
Dowanol EPH	3
Dowanol TPM	7
EE Acetate	1
EAK	5
Ethyl Acetate 99	3
Ethylene Dichloride	4
Ethylene Glycol	18

293

CHEMICAL		DRUMS ON HAND (4/30/81)
Freons:	TF	18
	TES	7
	TMC	6
	TMS	16
	TA	2
	TDF	3
	TDFC	1
	TP35	1
	MF	1
	TWD602	3
	TE	2
Glycerine		8
HAN		4
Heptone		6
Herylene Glycol		3
Isobutyl Acetate		1
Isobutyl Alcohol		1
Isopropanol		10
TXIB		1
Lacquer Thinner		4
Methanol		4
Metrylene Chloride		10
MEK		7
MIAK		1
Mineral Spirits		13
Monochlorobenzene		1
Monoethanolamine		2
Monoisopropanolamine		10
Morpholine		7
N. Propyl Acetate		4
N. Propyl Alcohol		3
Orthodichlorobenzene		2
Perchloroethylene		16
Polyethylene Glycol		12
Polypropylene Glycol		2

192

CHEMICAL	DRUMS ON HAND (4/30/81)
Propylene Glycol	32
Rubber Solvent	1
Surfonic N-95	8
Shell Solv 71	16
Styrene Monomer	7
Ethyl Alcohol	30
Texanol	3
Shell Sol B	6
Toluene	6
112 Trichloroethane	2
Trichloroethylene	16
Tetra Ethylene Glycol	5
Triethanolamine	26
Tripropylene Glycol	8
Triisopropanolamine	3
Vinyl Toluene	4
VMP	1
Xylol	10/84

COUNTY OF SUFFOLK

DEPARTMENT OF HEALTH SERVICES

NOTICE OF VIOLATION: N.Y.S. ENVIRONMENTAL CONSERVATION LAW

Date April 14, 1980
SPDES NO. NY 0137979
Lab No. TO-380200
Field No. FJ 26 - 1

.ride Solvents & Chemical Co., Inc.
88 Lamar St.
. Babylon, N.Y. 11704

ntlemen:

3/26/80 samples of industrial waste were taken from your
steam drain - north side of plant - on pad
on analysis, the following parameters were found in concentrations
ve the maximum allowed in your SPDES permit or in groundwater effluent
ndards:

Trichloroethylene - 3110 µg/l 6.

7.

8.

9.

10.

ase be advised that these unsatisfactory conditions constitute viola-
is of the N.Y.S. Environmental Conservation Law. Please be further
vised that the discharge of any water from an industrial process to
groundwater of Suffolk County without having first obtained a State
utant Discharge Elimination System (SPDES) permit for that discharge
also a violation of the N.Y.S.E.C.L. and S.C. Sanitary Code, Art. 12.

ou do not already possess a valid SPDES permit for the above discharge,
en you should apply immediately, through this office, for said permit.

e the above noted violations may subject you to legal action, it is
ected that these violations cease immediately. A reinspection in the
ir future will determine your compliance in this matter.

truly yours,

Frederick A. Perrella

(SEE REVERSE SIDE FOR STANDARDS)

rick A. Perrella
Sanitarian
strial Waste and Hazardous
erials Control Section
/rt

... No. ... 80-7
...e. 3-26-80
...e. 9:15 AM
...l. By. Youngblood
(Name not initials)

Received in Lab 3-26-80 ...
Public Water
Private Water
Other
Date Completed 4-8-80
Examined By ...

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

...e Pride Solvents Owner or District

...ation 86 Lamar St., W. Babylon

...of Collection storm drain n/s of plant on ...

...arks:

COMPOUND	ppb
...2 Trichloro 1,2,2 Trifluoroethane	<4
...oform	<5
... Trichloroethane	1430
...n Tetrachloride	<10
... Trichloroethylene	3110
...dibromomethane	<2
...hloroethylene	63
...orm	<5
...dichloromethane	<3
...	357 × ...

DEPARTMENT OF HEALTH SERVICES

NOTICE OF VIOLATION: N.Y.S. ENVIRONMENTAL CONSERVATION LAW

Date April 14, 1980
SPDES NO. NY 0137073
Lab No. TO-380201
Field No. EJ 26 - 2

·ide Solvents & Chemical Co., Inc.
: Lamar St.
. Babylon, N.Y. 11704

ntlemen:

)n 3/26/80 samples of industrial waste were taken from your
orm drain directly behind plant (west side)
.on analysis, the following parameters were found in concentrations
bove the maximum allowed in your SPDES permit or in groundwater effluent
andards:

. Trichloroethylene - 453 ug/l 6.

7.

for clearer # see next page

8.

9.

10.

lease be advised that these unsatisfactory conditions constitute viola-
)ns of the N.Y.S. Environmental Conservation Law. Please be further
'ised that the discharge of any water from an industrial process to
)e groundwater of Suffolk County without having first obtained a State
'lutant Discharge Elimination System (SPDES) permit for that discharge
also a violation of the N.Y.S.E.C.L. and S.C. Sanitary Code, Art. 12.

you do not already possess a valid SPDES permit for the above discharge,
n you should apply immediately, through this office, for said permit.

nce the above noted violations may subject you to legal action, it is
ected that these violations cease immediately. A reinspection in the
r future will determine your compliance in this matter.

y truly yours,

Patrick A. Perrella

rick A. Perrella
. Sanitarian
dustrial Waste and Hazardous
erials Control Section
c/rt

(SEE REVERSE SIDE FOR STANDARDS)

No. 10-330801
Field No. EJ 26-2
Date. 3-26-80
Time. 9:30AM
Coll By. Jankowski
(Name not initials)

Date Received in Lab 3-26-80 (11:20)
Public Water
Private Water
Other
Date Completed 4-8-80
Examined By KH CP

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Pride Solvents Owner or District

Location 88 Lamar St, W. Babylon

Point of Collection storm drain 20' W. of plant (directly behind)

Remarks: Note: many 55 gal drums of solvents stacked around drain

COMPOUND	ppb
1,1,2 Trichloro 1,2,2 Trifluoroethane	<4
Chloroform	<5
1,1,1 Trichloroethane	2400
Carbon Tetrachloride	<10
1,1,2 Trichloroethylene	458
Chlorodibromomethane	<9
Tetrachloroethylene	134
Bromoform	<5*
Bromodichloromethane	<3

(4130) * uncorrected value

COUNTY OF SUFFOLK

PETER F. COHALAN
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

Pride Solvents, Inc.
88 Lamar St.
West Babylon, NY 11704

Date December 27, 1982
SPDES NO.
Lab. No. IW-1182025
Field No. 2 DO 11-17

Gentlemen:

On November 17, 1982 samples of industrial waste were taken from your storm drain west side of Pride, adjacent to waste "Perc" storage. Upon analysis, the following parameters were found in concentrations above the maximum allowed in your SPDES Permit or in groundwater effluent standards:

1. 4600 ppb Toluene
2.
3.
4.
5.
6.
7.
8.
9.
10.

Please be advised that these unsatisfactory conditions constitute violations of the N.Y.S. Environmental Conservation Law and/or the Suffolk County Sanitary Code. Please be further advised that the discharge of any water from an industrial process to the groundwater of Suffolk County without having first obtained a State Pollutant Discharge Elimination System (SPDES) Permit for that discharge is also a violation of the N.Y.S. E.C.L. and/or the Suffolk County Sanitary Code, Article 12.

If you do not already possess a valid SPDES Permit for the above discharge, then you should apply immediately through this office for said permit.

Since the above-noted violations may subject you to legal action, it is expected that these violations cease immediately. Violations of the Suffolk County Sanitary Code are subject to the imposition of a civil penalty of up to Five Hundred ($500) dollars per violation. E.C.L. violations are also subject to a civil penalty. A reinspection in the near future will determine your compliance in this matter.

Very truly yours,

John H. Finkenberg, Sr. Sanitarian
Environmental Pollution Control
cc: Alex Santino

(SEE REVERSE SIDE FOR STANDARDS)

Horseblock Pl.
mingville, NY 11738
516) 451-4628

(Name not Initials) Examined By 12-1-82

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name Prude Solvents Corp. Owner or District

Location 88 Lawrence St. West Bob.

Point of Collection Storm drain West side of "Prude", adjacent to inside "Pete" storage

Remarks: UHO

	Compound	ppb		Compound	ppb
505	Methylene Chloride		250	Benzene	<10
0	Bromochloromethane		251	Toluene	(4600)
23	1,1 Dichloroethane		254	o-Xylene	<10
9	Trans Dichloroethylene		252	m-Xylene	<10
00	Chloroform	<5	253	p-Xylene	<10
1	1,2 Dichloroethane		255	Xylene (s)	—
21	1,1,1 Trichloroethane	(46)	258	Chlorobenzene	<12
	Carbon Tetrachloride	<1		Ethylbenzene	<10
4	1 Bromo-2-Chloroethane			Bromobenzene	<16
	1,2 Dichloropropane			o-Chlorotoluene	<12
0	1,1,2 Trichloroethylene	<5		m-Chlorotoluene	<12
	Chlorodibromomethane	<2		p-Chlorotoluene	<12
3	1,2 Dibromoethane		265	Chlorotoluene (s)	—
	2-Bromo-1-Chloropropane		415	m-Dichlorobenzene	<14
	Bromoform	<5	412	o-Dichlorobenzene	<14
	Tetrachloroethylene	<2	413	p-Dichlorobenzene	—
	Cis-Dichloroethylene			p-diethylbenzene	<10
	Freon 113	<1		1,2,4 Trimethylbenzene	16
	Dibromomethane			1,3,5, Trimethylbenzene	<10
	1,1 Dichloroethylene			2,3 Dichloropropene	
	BromoDichloromethane	<3		1,1,2 Trichloroethane	<5
				1,1,1,2 Tetrachlorethane	
				1,2,2,3 Tetrachlorpropane	
				s-Tetrachlorocthane	<3

File

CONTINGENCY PLAN

PRIDE SOLVENTS AND CHEMICAL CO., INC.

WEST BABYLON, NEW YORK

MAY 1981

H2M HOLZMACHER, McLENDON and MURRELL, P.C.
Consulting Engineers, Environmental Scientists and Planners
Melville, N.Y. Farmingdale, N.Y. Riverhead, N.Y.

CONTINGENCY PLAN

PRIDE SOLVENTS AND CHEMICAL CO., INC.

WEST BABYLON, NEW YORK

MAY 1981

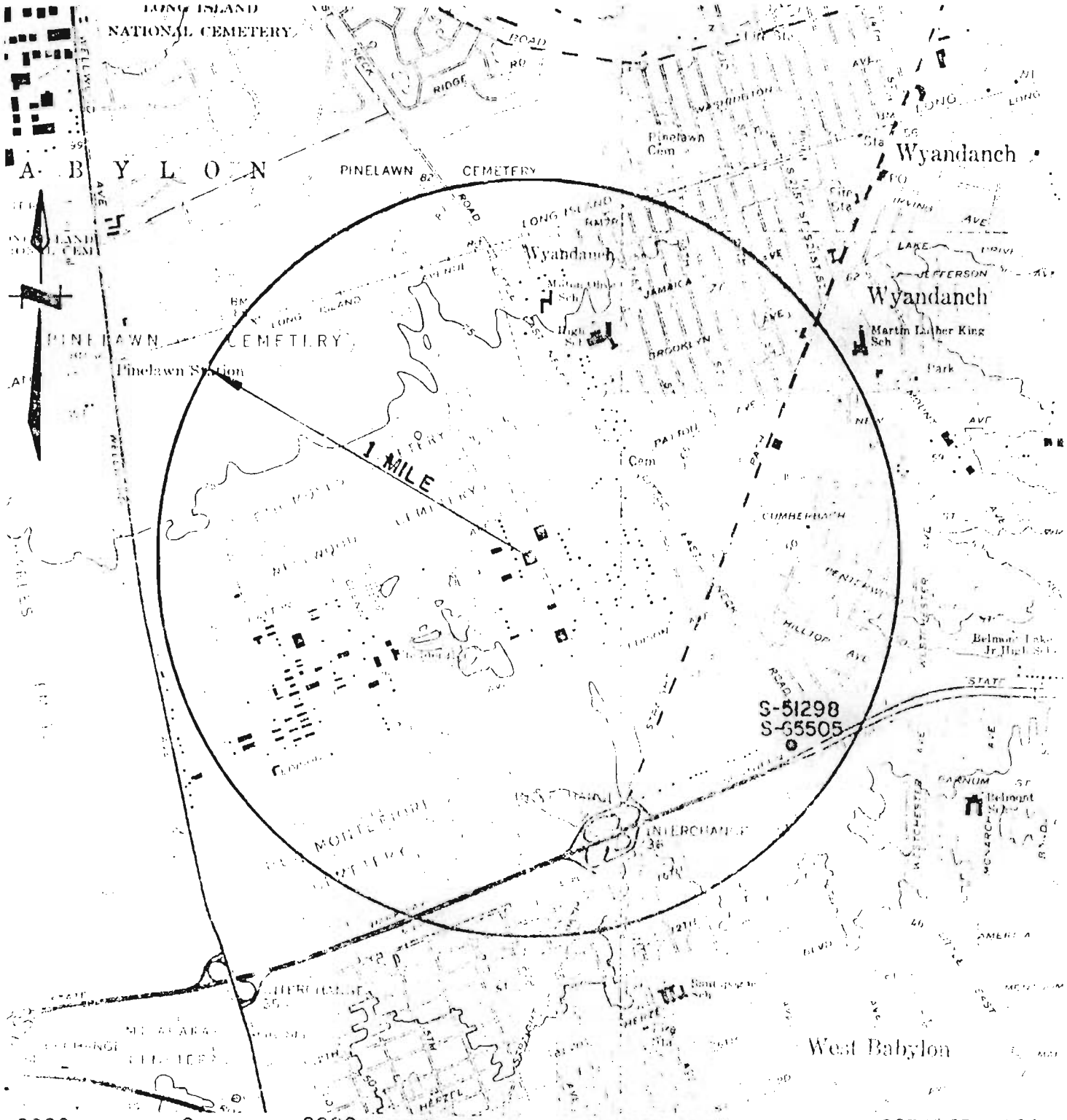
SCOPE AND INTRODUCTION

This report is intended to outline the existing operations at the Pride Solvents and Chemical Co., Inc. (Pride Solvents), of 88 Lamar Street, West Babylon, New York, so as to assist the various agencies of government in the event of an emergency occurring at their facility.

BACKGROUND

Pride Solvents operates a chemical and solvent distribution company out of a 5,000 square foot building on a 40,000 square foot parcel of land located on the west side of Lamar Street in West Babylon, Suffolk County. The facility is east southeast of the Babylon Town landfill. See Figure 1, location map.

The operations conducted at this facility are strictly limited to bulk storage and distribution, drum storage and distribution, and drum packaging for distribution. There are no processing and/or mixing operations conducted. The materials handled are limited to three basic categories: non-flammable, flammable and combustible organic solvents.



USGS - HUNTINGTON, GREENLAWN, AMITYVILLE & BAY SHORE WEST QUADRANGLES 7.5 MIN. SERIES

OCTOBER 1980

LOCATION MAP

SHOWING PUBLIC WATER

PRIDE SOLVENT & CHEMICAL CO., INC.

WEST BABYLON, SUFFOLK CO., NEW YORK

E.P.A. I.D. NO. NYD 057722258

CURRENT OPERATIONS

Pride Solvents distributes combustible, flammable and non-flammable solvents. Table 1 lists the current combustible solvents stored in bulk and distributed from these operations.

TABLE 1 - COMBUSTIBLE

MATERIAL	TYPE	STORAGE (Gallons)
VARSOL #3	stoddard solvent	3000 (1)
LOPS	aliphatic solvent	3000 (1), 5000 (1)
DIESEL FUEL	--	3000 (1)
VARSOL #18	stoddard solvent	6000 (1)
VARSOL #1	stoddard solvent	6000 (1)
DOW EB	butyl cellosolve	5000 (2)
ORTHO	orthodichlorobenzene	2000 (3)
DOW DE	carbitol	1500 (3)

(1) below grade tank
(2) inside storage
(3) outside storage above grade

Table 2 lists the current flammable solvents stored in bulk and distribited from their operations.

TABLE 2 - FLAMMABLE

MATERIAL	TYPE	STORAGE (Gallons)
XYLOL	dimethylbenzene	3000 (1)
VM&P	naptha	3000 (1)
LAKTANE	mixture C_7-C_8	3000 (1)
METHANOL	methyl alcolol	3000 (1)
TELSOL 190	ethanol	3000 (1)
GASOLINE	--	3000 (1)
TOLUOL	methyl benzene	6000 (1)
ACETONE	dimethyl ketone	6000 (1)
ISO ALCOHOL	isopropyl alcohol	6000 (1)
MEK	methyl ethyl ketone	6000 (1)

(1) below grade tank

Table 3 lists the current non-flammable solvents stored and distributed from these operations.

TABLE 3 - NON-FLAMMABLE

MATERIAL	TYPE	STORAGE (Gallons)
CHLORO-NU	1,1,1-trichloroethane	5000 (2)
METHYLENE CHLORIDE	--	5000 (2), 1500 (3)
PERCHLOROETHYLENE	tetrachloroethylene	5000 (2), 5000 (2) 1500 (3)
TRICHLOROETHYLENE	--	5000 (2)
CHLORO-V6	trichloroethane	5000 (2), 5000 (2)

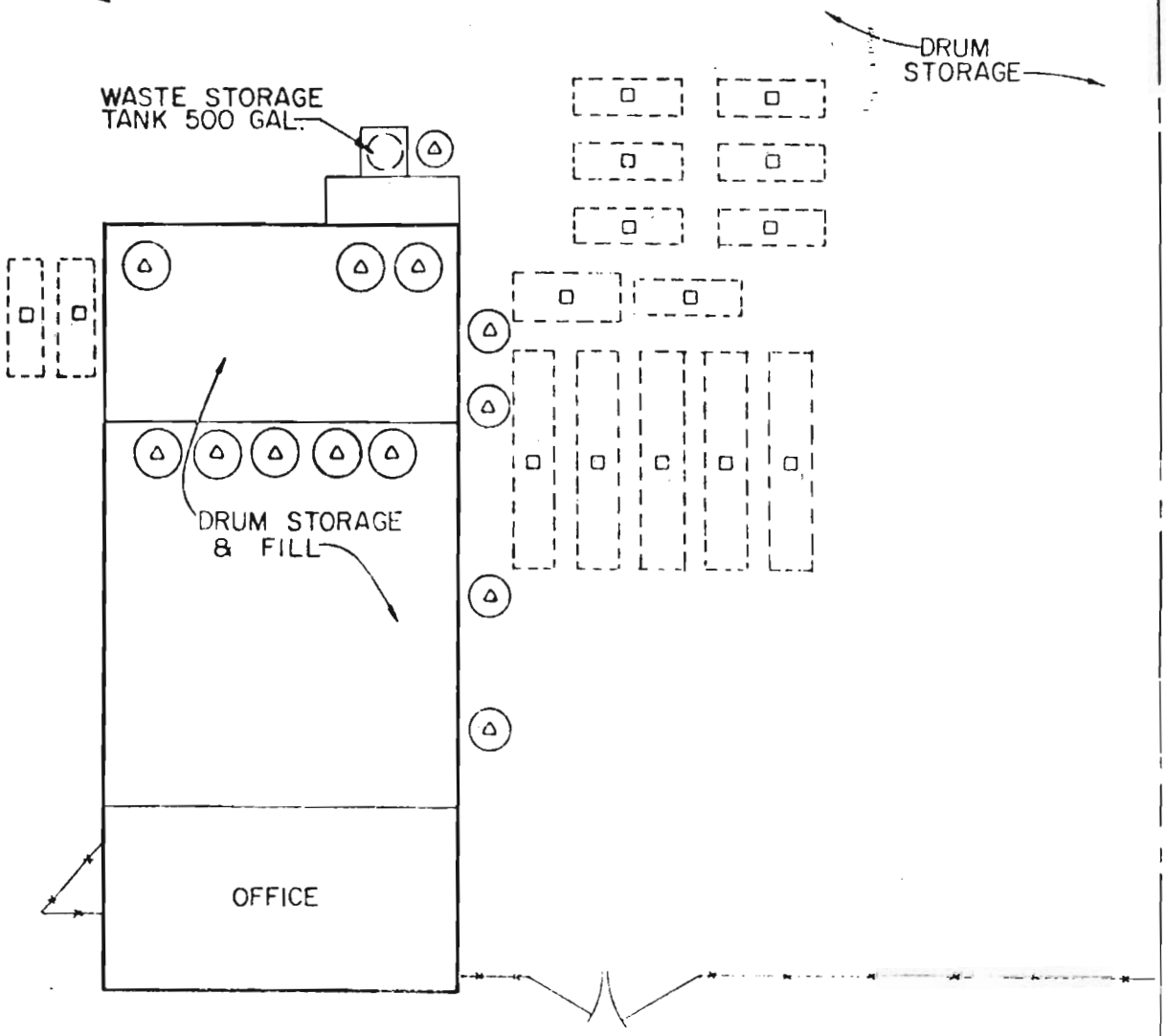
(1) below grade tank
(2) inside storage
(3) outside storage above grade

Figure 2 provides a facility plan which locates all the inside and outside bulk storage tanks. It should be noted that this facility is working under an agreement with the Suffolk County Department of Health Services regarding Article XII, a Local Law which impacts the manner in which bulk chemicals are stored at this facility. Not only will bulk storage be modified in the near future to include berms for all inside and outside above grade tanks, but drum storage will also be modified as well to bring the facility into compliance. It may become necessary to modify this report to account for the proposed changes. Although the changes will likely lessen any emergency impacts, since flammable and combustible inventories for drums will be substantially reduced.

DRUM INVENTORIES

Drum inventories on hand for April 30, 1981 are presented in Table 4. Non-flammable and non-combustible drums are stored indoors. This would specifically entail the chlorinated solvents and freons.

FIGURE 2



□ - INDICATES BELOW GRADE PRODUCT STORAGE
△ - INDICATES ABOVE GRADE PRODUCT STORAGE

0 30

SCALE: 1" = 30'

LAMAR STREET

OCTOBER 1980

CHEMICAL FACILITY PLAN

PRIDE SOLVENT & CHEMICAL CO., INC.
WEST BABYLON, SUFFOLK CO., NEW YORK
EPA I.D. NO. NYD 057722258

Flammable and combustible materials are stored outdoors in the area designated on the facility plan.

CHEMICAL	DRUMS ON HAND (4/30/81)
Acetone	11
111 Trichloroethane	95
Antifreeze	17
Aromatic 150	4
NButyl Acetate	3
Sec. Butyl Alcohol	3
Carbon Tetrachloride	2
Oil	44
Diactone Alcohol	15
Dibutyl Phthalate	3
Diethanolamine	10
Diethylene Glycol	9
Diethylene Triamine	2
Diisopropanolamine	1
DioctylyPhthalate	3
Dipropylene Glucose	8
Dowanol DE	4
Dowanol EB	9
Dowanol EE	7
Dowanol EM	2
Dowanol EPH	3
Dowanol TPM	7
EE Acetate	1
EAK	5
Ethyl Acetate 99	3
Ethylene Dichloride	4
Ethylene Glycol	18

293

CHEMICAL		DRUMS ON HAND (4/30/81)
Freons:	TF	18
	TES	7
	TMC	6
	TMS	16
	TA	2
	TDF	3
	TDFC	1
	TP35	1
	MF	1
	TWD602	3
	TE	2
Glycerine		8
HAN		4
Heptone		6
Herylene Glycol		3
Isobutyl Acetate		1
Isobutyl Alcohol		1
Isopropanol		10
TXIB		1
Lacquer Thinner		4
Methanol		4
Metrylene Chloride		10
MEK		7
MIAK		1
Mineral Spirits		13
Monochlorobenzene		1
Monoethanolamine		2
Monoisopropanolamine		10
Morpholine		7
N. Propyl Acetate		4
N. Propyl Alcohol		3
Orthodichlorobenzene		2
Perchloroethylene		16
Polyethylene Glycol		12
Polypropylene Glycol		2

192

CHEMICAL	DRUMS ON HAND (4/30/81)
Propylene Glycol	32
Rubber Solvent	1
Surfonic N-95	8
Shell Solv 71	16
Styrene Monomer	7
Ethyl Alcohol	30
Texanol	3
Shell Sol B	6
Toluene	6
112 Trichloroethane	2
Trichloroethylene	16
Tetra Ethylene Glycol	5
Triethanolamine	26
Tripropylene Glycol	8
Triisopropanolamine	3
Vinyl Toluene	4
VMP	1
Xylol	10/184

CONTINGENCY PLANNING

In the event of an emergency at the Pride Solvents facility, there is a color coded sign clearly visible on the perimeter fencing along Lamar Street, which provides a layout of all bulk storage together with the appropriate DOT hazard designation for each of the tanks.

The party responding to an emergency at this facility should immediately contact the following parties; home telephone numbers are provided:

Name	Title	Phone Number
Arthur Dohm	President	(516) 499-8541
Robert Gadue	Oper. Mgr.	(516) 584-5905
John Keogh	Supervisor	(201) 945-1402

In addition to the contacts at Pride Solvents indicated above, it would be advantageous to call the general chemical industry emergency phone number:

CHEMTREC (800) 424-9300

As you will note upon review of the material previously presented, as well as the safety data sheets which are included in the appendix, fire fighting methods are dependent upon the chemical in question. All materials handled at this site are solvent (organic) in nature. Inorganic chemicals are not handled at the facility. In general, most of the chemicals require dry chemical or alcohol-type foam and for many waterspray may be ineffective.

There is no question that respiratory protection would be required for fire fighting personnel.

It is difficult to project what may be a reasonable evacuation plan if a major emergency (fire) occurred at Pride Solvents. Depending upon the extent of the fire, as well as meteorological conditions, it would appear prudent to initially evacuate Lamar Street between Patton Avenue to the north and Edison Avenue to the south. The initial evacuation should also include the two streets parallel to Lamar Street (Kean Street on the west and Mahan Street to the east) also between Patton and Edison. Since the general area is fairly well bounded by Pinelawn Cemetary (north of Patton, as well as south of Edison), the entire wedge into Pinelawn Cemetary bounded by Wellwood Avenue on the west and East Neck Road on the east could also be used for limits, if it became necessary to extend the evacuation limits.

Respectfully submitted,

John J. Molloy, P.E.
Project Manager

5-21-81

Facility ID No. : [illegible]

Effective Date : March 14, 1979

Expiration Date : March 14, 1984

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES)
DISCHARGE PERMIT -

Special Conditions
(Part I)

This SPDES permit is issued in compliance with Title 8 of Article 17 of the Environmental Conservation Law of New York State and in compliance with the provisions of the Federal Water Pollution Control Act, as amended by the Federal Water Pollution Control Act Amendments of 1972, P.L. 92-500, October 18, 1972, (33 U.S.C. §1251 et. seq.) (hereinafter referred to as "the Act").

PRIDE SOLVENTS & CHEMICALS CO.
88 LAMAR ST.
W. BABYLON, N.Y. 11704

is authorized to discharge from the facility described below:

SAME

into receiving waters known as:

GROUNDWATER

in accordance with the effluent limitations, monitoring requirements and other conditions set forth in this permit.

This permit and the authorization to discharge shall expire on midnight of the expiration date shown above and the permittee shall not discharge after the expiration date unless this permit has been renewed, or written authorization is given by the Department. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit such information, forms, and fees as are required by the Department of Environmental Conservation no later than 180 days prior to the expiration date.

By Authority of Herbert W. Davids, P.E.
Designated Representative of Commissioner of the
Department of Environmental Conservation

3/14/79
Date

Herbert W. Davids
Signature

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning and lasting until the discharges from the permitted facility shall be limited and monitored by the permittee as specified below:

Outfall Number	Effluent Parameter	Discharge Limitations kg/day (lbs/day) Daily Avg.	Discharge Limitations kg/day (lbs/day) Daily Max.	Other Units (Specify) Daily Avg.	Other Units (Specify) Daily Max.	Monitoring Reqmts. Measurement Frequency	Monitoring Reqmts. Sample Type
001	SANITARY WASTE ONLY						
002	STORM DRAINS (4)						

NOTE: No industrial discharge permitted in sanitary system or in storm drains; drums or hold tanks must be maintained in a spill prevention protected area.

Permittee subject to attached Schedule A, and General Conditions Part II.

There shall be no discharge of process wastes to either surface or ground waters. All process wastes shall be stored in holding tanks or containers for transport by an authorized industrial waste collector to an approved industrial waste disposal area or reclamation facility.

The Discharge Monitoring Report for this facility shall include the following information:

1. The date of each waste collection;
2. The volume of waste removed;
3. The description of waste removed;
4. The name and registration number of the authorized collector; and
5. The destination of the removed wastes.

The pH shall not be less than standard units nor greater than standard units and shall be monitored as follows:

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

The daily average discharge is the total discharge by weight or in other appropriate units as specified herein, during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of all the measured daily discharges in appropriate units as specified herein divided by the number of days during the calendar month when the measurements were made.

The daily maximum discharge means the total discharge by weight or in other appropriate unit as specified herein, during any calendar day.

SCHEDULE OF COMPLIANCE FOR EFFLUENT LIMITATIONS

(a) Permittee shall achieve compliance with the effluent limitations specified in this permit for the permitted discharge(s) in accordance with the following schedule:

Action Code	Outfall Number(s)	Compliance Action	Due Date
01	001	Submit Approvable Engineering Report	6/15/79
02	001	Submit Approvable Final Plans	8/15/79
04	001	Commencement of Construction	10/15/79
08	001	Completion of Construction	3/15/80

The engineering report will include but not be limited to proposals for spill prevention and collection of run-off from areas directly surrounding fuel, waste or chemical storage, truck loading facilities and from any other area in which activities could result in fuel, waste or chemical losses. Such run-off may require further treatment before discharge to meet groundwater discharge standards.

(b) The permittee shall submit to the Department of Environmental Conservation the required document(s) where a specific action is required in (a) above to be taken by a certain date, and a written notice of compliance or non-compliance with each of the above schedule dates, postmarked no later than 14 days following each elapsed date. Each notice of noncompliance shall include the following information:

1. A short description of the noncompliance;

2. A description of any actions taken or proposed by the permittee to comply with the elapsed schedule requirement without further delay;

3. A description of any factors which tend to explain or mitigate the noncompliance; and

4. An estimate of the date permittee will comply with the elapsed schedule requirement and an assessment of the probability that permittee will meet the next scheduled requirement on time.

SCHEDULE OF COMPLIANCE FOR EFFLUENT LIMITATIONS
(Continued)

c) The permittee shall submit copies of the written notice of compliance or noncompliance required herein to the following offices:

Chief, Compliance Section
New York State Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233

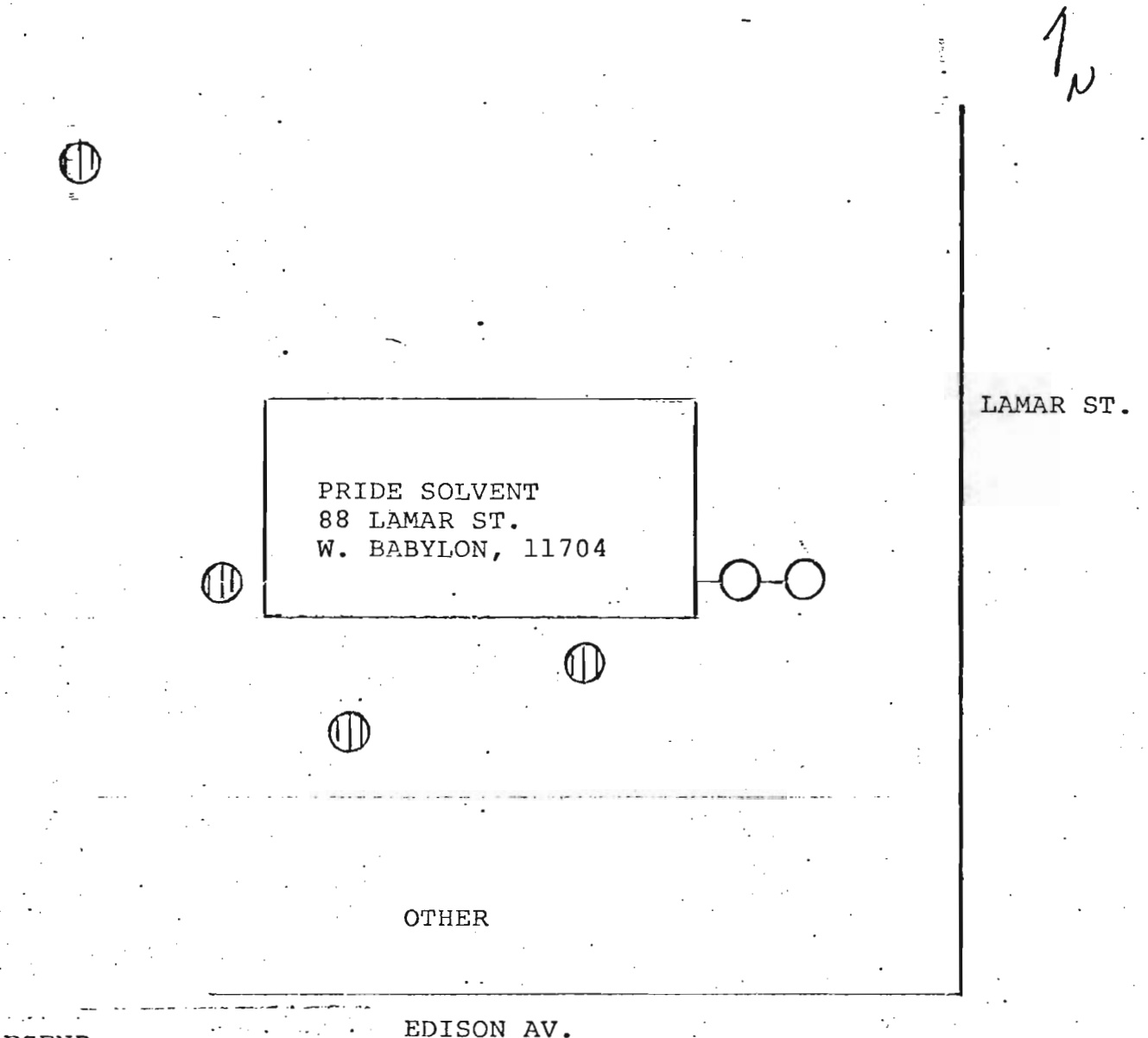
Regional Engineer
New York State Department of Environmental Conservation
S.U.N.Y. at Stony Brook
Stony Brook, N. Y. 11794

Suffolk County Department of Health Services
65 Jetson Lane
Hauppauge, N. Y. 11787

The permittee shall submit copies of any engineering reports, plans of study, final plans, as-built plans, infiltration-inflow studies, etc. required herein to the New York State Department of Environmental Conservation Regional Office specified above unless otherwise specified in this permit or in writing by the Department or its designated field office.

Monitoring Locations

Permittee shall take samples and measurements to meet the monitoring requirements at the location(s) indicated below: (Show locations of outfalls with sketch or flow diagram as appropriate).



LEGEND

- STORM DRAIN
- INDUSTRIAL CESSPOOL
- SANITARY CESSPOOL
- FLOOR DRAIN
- COOLING WATER
- HOLDING TANK

MONITORING, RECORDING AND REPORTING

a) The permittee shall also refer to the General Conditions (Part II) of this permit for additional information concerning monitoring and reporting requirements and conditions.

b) The monitoring information required by this permit shall be summarized and reported by submitting a completed and signed Discharge Monitoring Report form once every months to the Department of Environmental Conservation and other appropriate regulatory agencies at the offices specified below. The first report will be due no later than . Thereafter, reports shall be submitted no later than the 28th of the following month(s):

Chief, Waste Source Monitoring Section
New York State Department of Environmental Conservation
Room 300 - 50 Wolf Road - Albany, New York 12233

Regional Engineer
New York State Department of Environmental Conservation
S.U.N.Y. at Stony Brook
Stony Brook, N.Y. 11794

Suffolk County Department of Health Services
65 Jetson Lane
Hauppauge, N.Y. 11787

c) If so directed by this permit or by previous request, Monthly Wastewater Treatment Plant Operator's Reports shall be submitted to the DEC Regional Office and county health department or county environmental control agency specified above.

d) Each submitted Discharge Monitoring Report shall be signed as follows:

1. If submitted by a corporation, by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the Discharge Monitoring Report originates;

2. If submitted by a partnership, by a general partner;

3. If submitted by a sole proprietor, by the proprietor;

4. If submitted by a municipality, State or Federal agency, or other public entity; by a principal executive officer, ranking elected official, commanding officer, or other duly authorized employee.

e) Unless otherwise specified, all information submitted on the Discharge Monitoring Form shall be based upon measurements and sampling carried out during the most recently completed reporting period.

f) Blank Discharge Monitoring Report Forms are available at the above addresses.

COUNTY OF SUFFOLK
DEPARTMENT OF HEALTH SERVICES

In the Matter of the Alleged Violation of Article of the Suffolk County Sanitary Code by Pride Solvents and Chemicals, Inc. 88 Lamar St. West Babylon, N.Y. 11704 Respondent	ORDER ON CONSENT NO. IW-80-12

This Department has documented Respondent's failure to comply with Article 12 Section(s) 1205, 1215 of the Suffolk County Sanitary Code, and the Respondent, Pride Solvents and Chemicals, Inc. without admitting any such non-compliance, affirmatively and voluntarily waives its right to a public hearing in this matter. Therefore, Respondent consents to the entering and issuance of this Order on Consent and agrees to be bound by the terms and conditions stated therein.

A modification of any of the provisions of this Order on Consent can only be granted by the Commissioner after having received a timely request for such relief, which request must include Respondent's grounds for seeking the modifications. No modification of any of the terms and conditions in this Order on Consent shall be effective unless and until they are specifically set forth in writing by the Commissioner.

TERMS AND CONDITIONS

Respondent(s)

Pride Solvents and Chemicals, Inc.
88 Lamar St.
West Babylon, N.Y. 11704

In satisfaction of the Respondent's alleged violation(s) of Section(s) 1205, 1215 of the Suffolk County Sanitary Code on the following date(s) March 26, 1980.

Respondent agrees to the following terms and conditions and agrees to be bound by this Order of the Commissioner of the Department of Health Services.

1. Respondent shall apply for a permit pursuant to Section 27-0913 of the New York State Environmental Conservation Law within four weeks of the date of Respondent's execution of this Order on Consent.

2. Within twelve weeks of Respondent's execution of this Order on Consent Respondent shall submit to this Department an engineering report prepared and subscribed by an engineer licensed to practice professional engineering in the State of New York, which report shall be in approvable form and shall detail Respondent's proposed method of operation at 88 Lamar St., West Babylon so as not to contravene groundwater discharge standards set by New York State Department of Environmental Conservation in 6 NYCRR 703.6 and so as not to degrade the quality of Suffolk County's groundwater.

3. Within twenty weeks from Respondent's execution of this Order on Consent Respondent shall submit to this Department approvable final plans and specifications prepared and subscribed by an engineer licensed to practice professional engineering in the State of New York, which plans and specifications shall detail the implementation of the concepts presented in Respondent's engineering report in item 2 above.

4. Within twenty-eight weeks of Respondent's execution of this Order on Consent Respondent shall have commenced construction proposed by his engineering report and final plans and specifications.

5. Within one year of Respondent's execution of this Order on Consent Respondent shall have completed all construction.

6. Within two weeks of Respondent's execution of this Order on Consent Respondent shall have the contaminated storm drains on his property emptied of their liquid and solid content. This work shall be performed by an industrial waste scavenger licensed therefor pursuant to Article 27 of the New York State Environmental Conservation Law. Records of this and any other scavenging or removal of contaminated water, wastes or solvents by such licensed scavenger shall be kept by the Respondent and shall be made available for inspection by a representative of this Department during reasonable business hours.

7. There shall be no further discharge to the surface of the ground, groundwater or to any subsurface leaching facility on respondent's premises of any materials in excess of the standards in 6 NYCRR 703.6 or otherwise in violation of New York State or Suffolk County Law. To this end, within two weeks of Respondent's execution of this Order on Consent, Respondent shall submit to this Department a report detailing the interim preventative measures to be implemented to prevent such discharges. These measures shall be implemented not later than four weeks from the date of Respondent's execution of this Order on Consent and shall remain in effect at least until Respondent's completion of all construction pursuant to item 5 above.

8. Within twelve weeks of Respondent's execution of this Order on Consent Respondent shall submit to this Department a report prepared and subscribed by an engineer licensed to practice professional engineering in the State of New York detailing a proposed method of exploration and examination of groundwater beneath and downstream from the premises of Pride Solvents and Chemicals, Inc. to determine the nature and extent, if any, of contamination in the groundwater from the types of chemicals detected in this Department's sampling on March 26, 1980. This report should include the proposed placement of wells and the specifications for the equipment to be used. The intent of this paragraph is to outline the procedure and methodology to be employed for groundwater sampling and analysis and shall not be construed as a requirement or obligation of the Respondent to undertake any of th said procedures outlined.

9. Respondent agrees to permit access to his premises and buildings to representatives of this Department for the purpose of inspection to determine Respondent's compliance with this Order on Consent and with the provisions of the New York State Environmental Conservation Law and the Suffolk County Sanitary Code. These inspections shall be made when accompanied by Mr. Dhom, Mr. Gadue or another person designated for this purpose by Mr. Dhom or Mr. Gadue.

10. By duly executing this Order on Consent, Respondent does not admit to violating any provision of the Suffolk County Sanitary Code.

11. Respondent agrees to forfeit a civil penalty of $2500.00 in the event that Respondent does not strictly comply with the terms and conditions of this Order on Consent, as above stated, or as it may be later modified.

CONSENT BY COMMISSIONER

The Commissioner of the Suffolk County Department of Health Services agrees to waive further administrative enforcement action against the Respondent named herein for the violaion(s) delineated herein if the Respondent strictly adheres to all of the provisions of the Order on Consent.

Dated
Hauppauge, N.Y.

David Harris M.D. M.P.H.
Commissioner
Suffolk County Department
of Health Services
Aaron D. Chaves
By: Aaron D. Chaves, M.D.
Deputy Commissioner

CONSENT BY RESPONDENT

Respondent acknowledges the authority and jurisdiction of the Commissioner of the Suffolk County Department of Health Services to issue the foregoing Order on Consent, and Respondent waives public hearing in this matter and consents to be bound by this Order of the Commissioner of the Department of Health Services.

PRIDE SOLVENTS AND CHEMICALS CO., INC
Respondent

Dated June 3, 1980.

By: Arthur W. Dhom
Arthur Dhom, President
Title:

STATE OF NEW YORK)
ss.:
COUNTY OF SUFFOLK)

On the 3rd day of June , 1980 , before me personnally came ARTHUR DHOM to me known, who being duly sworn, deposed and said that he resides at 10 Serene Court, Dix Hills, N.Y. 11746 that he is the President of Respondent Corporation, and that he signed his name as authorized by said corporation with full authority to do so.

CHERYL GUBITOSI
NOTARY PUBLIC, STATE OF NEW YORK
No. 52-6927940
Qualified in Suffolk County
Commission Expires March 30, 1982

Cheryl Gubitosi
NOTARY PUBLIC

COUNTY OF SUFFOLK

PRELIMINARY

DEPARTMENT OF HEALTH SERVICES

WEST BABYLON SURVEY

ATTACH TO Public Supplies File

In response to requests from several residents in the Commander Avenue area of West Babylon, the Water Quality Unit collected a total of twenty-four samples from homes located on Commander Avenue, Gordon Avenue, Matthews Avenue, and Straight Path.

All samples were submitted for analysis of certain chemical, bacteriological and synthetic organic chemicals. The results of these analyses indicate that twelve of twenty-four wells had water quality which exceeded the New York State guidelines for one or more organic constituents.

Results of inorganic chemical analyses indicated concentrations of iron and manganese exceeding State limits at several locations. The following is a summary of the results of the survey:

Synthetic Organics	# of Wells	% of Wells
Exceeded N.Y.S. Guidelines	12	50%
Detectable Traces	5	21%
No Organics Detected	7	29%

Synthetic Organic Parameters Exceeding Guidelines	Highest Concentration Encountered
Trichloroethylene	7962 parts per billion
Tetrachloroethylene	2740 " " "
Trichloroethane	9989 " " "

TSON LANE • HAUPPAUGE, NEW YORK 11787 • (516) 234-2622

Other Synthetic Organic Parameters	Highest Concentration Encountered
Trichlorotrifluoroethane*	38 parts per billion
Chloroform*	41 " " "

Other Chemical Parameters

	# Exceeding Standard	% Exceeding Standard	Maximum Concentration Encountered
Iron	12	50%	3.48 mg/l
Manganese	7	29%	18.9 "
Zinc	0	0	3.8 "
Nitrates	0	0	4.0 "
Copper	0	0	0.66 "
Detergents	0	0	not detected

In relatively close proximity to the survey area is the Gordon Avenue Wellfield of the Suffolk County Water Authority. Water quality of the production well at this site has never shown concentrations of synthetic organic chemicals. However, the SCWA Well is at a depth in excess of 650 feet.

During the course of this survey, one homeowner, at 690 Commander Avenue, deepened their well to a depth of 70 feet. Although the synthetic organic concentrations decreased somewhat, the concentrations for the new well were still over 60 times in excess of the recommended standard for synthetic organics.

*could not be run in two cases due to interferences in the analyses.

WEST BABYLON SURVEY

The homes affected by the synthetic organic contamination are to the west end of Commander Avenue, and in the central section of Gordon Avenue.

The general southeasterly flow direction of groundwater in the area suggests a common source, or cluster of similar sources of this contamination. The consistancy which which three organic constituents, Trichloroethane, Tetrachloroethylene and Trichloroethylene, were found reinforces the likelihood of a common source of contamination. This possibility is actively being pursued by the Health Department's Industrial Waste Unit.

The analyses did not show any significant indication of domestic waste-related constituents. This fact, and the greatly elevated concentrations of the organic constituents encountered, tend to indicate that the source or sources of the contamination is non-domestic.

Due to the lack of success in attempting to mitigate this problem by well deepening, and due to the relative proximity of the public water mains, this Department recommends extension of the Suffolk County Water Authority mains into this area.

All samples summarized in this report were collected between 8/2/79 and 1/22/80. At the request of the Town of Babylon, a series of similar surveys will be conducted in the forthcoming year of private well areas in proximity to intensive commercial and industrial uses.

Residents of all homes sampled have been notified of the results in writing. Where results indicated excessive synthetic organics, the residents were advised to eliminate consumptive use of the water.

3/26/80

	DATE COLLECTED	LABORATORY	CHLOROETHYLENE 1,2 DI	CHLOROETHYLENE 1,1,2 TRI	CHLOROETHYLENE TETRA	VINYL CHLORIDES	CHLOROFORM	1,1,1 TRICHLOROETHANE	BROMOFORM	CHLORODIBROMOMETHANE	1,1,2 TRICHLOROETHANE	METHYLENE CHLORIDE	TRICHLOROTRIFLUOROETHANE	BENZENE	TOLUENE	BROMODICHLOROMETHANE	CARBON TETRACHLORIDE	REMARKS
Acosta 691 Commander	8/2/79	SCHD		7962	2390		<5	9989	<5	<3			<5			<3	<2	
Hicks 700 Commander	8/9/79	"		752	63		34	1350	<5	<3			15			<3	<2	
Morris 690 Commander	8/9/79	"		6510	2890		*	7590	<5	<3			*			<3	*	* interference
Borders 695 Commander	8/20/79	"		1000	500		41	3650	<5	<3			38			<3	<2	
King 671 Commander	8/27/79	"		<5	<2		<5	16	<5	<3			<5			<3	<2	
Angevine 648 Commander	8/27/79	"		<5	<2		<5	<3	<5	<3			<5			<3	<2	
Quinones 658 Commander	8/27/79	"		6	<2		<5	<3	<5	<3			<5			<3	<2	
Pettigrew 615 Commander	8/27/79	"		<5	14		<5	12	<5	<3			<5			<3	<2	
Wilson 119 Gordon Av.	8/27/79	"		579	367		29	597	<5	<3			<5			<3	<2	
Williams 28 Matthews Av.	8/28/79	"		<5	14		<5	10	<5	<3			<5	1		<3	<2	
Popp 675 Commander	9/5/79	"		<5	<2		<5	<3	<5	<3			<5			<3	<2	
Woods 720 Commander	9/5/79	"		58	82		<5	103	<5	<3			<5			<3	<2	
Marston 679 Commander	8/27/79	"		9	4		<5	13	<5	<3			<5			<3	<2	

	DATE COLL.	LABORATORY	CHLOROETHYLENE 1,2 DI	CHLOROETHYLENE 1,1,2 TRI	CHLOROETHYLENE TETRA	VINYL CHLORIDE	CHLOROFORM	1,1,1 TRICHLORO ETHANE	BROMOFORM	CHLOROBROMO METHANE	1,1,2 TRI-CHLOROETHANE	METHYLENE CHLORIDE	TRICHLORO-TRIFLUORO-ETHANE	BENZENE	TOLUENE	BROMODICHLORO METHANE	CARBON TETRA-CHLORIDE	REMARKS
[illegible] Commander	9/16	SCHD		<5	<2		<5	<3	<5	<3			<5			<3	<2	
[illegible] 135 Gordon Av.	10/2	"		499	60		6	310	<5	<3			<5			<3	<2	
Bowen 135 Straight Path	10/15	"		2586	649		7	1789	<5	<3			<5			<3	<2	
Borders 695 Commander	10/15	"		612	228		<5	34	<5	<3			<5			<3	<2	
Bennett 636 Commander	9/25	"		<5	<2		<5	1692	<5	<3			<5			<3	<2	
Snowden 611 Commander	10/23	"		<5	<2		<5	<3	<5	<3			<5			<3	<2	
Norris 690 Commander	10/18	"		2180	2740		*	3180	<5	<3			*			<3	*	* interference NEW WELL- 70 TOTAL DEPTH
Amatulli 1199 Straight Path	1/21	"		<5	<2		<5	<3	<5	<3			<5			<3	<2	
[illegible] Zion Church 1167 Straight Path	1/21	"		<5	<2		<5	<3	<5	<3			<5			<3	<2	
[illegible] 111 Gordon Av.	1/22	"		362	112		<5	<3	<5	<3			<5			<3	<2	
Westbrook 684 Commander	1/22	"		473	266		<5	<3	<5	<3			<5			<3	<2	

COUNTY OF SUFFOLK

DEPARTMENT OF HEALTH SERVICES

NOTICE OF VIOLATION: N.Y.S. ENVIRONMENTAL CONSERVATION LAW

Date April 14, 1980
SPDES NO. NY 0137973
Lab No. TO-389209
Field No. YJ 26 - 1

ride Solvents & Chemical Co., Inc.
88 Lamar St.
Babylon, N.Y. 11704

Gentlemen:

On 3/26/80 samples of industrial waste were taken from your storm drain - north side of plant - on wall.

Upon analysis, the following parameters were found in concentrations above the maximum allowed in your SPDES permit or in groundwater effluent standards:

6. Trichloroethylene - 3110 µg/l
7.
8.
9.
10.

Please be advised that these unsatisfactory conditions constitute violations of the N.Y.S. Environmental Conservation Law. Please be further advised that the discharge of any water from an industrial process to the groundwater of Suffolk County without having first obtained a State Pollutant Discharge Elimination System (SPDES) permit for that discharge is also a violation of the N.Y.S.E.C.L. and S.C. Sanitary Code, Art. 12.

If you do not already possess a valid SPDES permit for the above discharge, then you should apply immediately, through this office, for said permit.

Since the above noted violations may subject you to legal action, it is expected that these violations cease immediately. A reinspection in the near future will determine your compliance in this matter.

Very truly yours,

Patrick A. Perrella
Sr. Sanitarian
Industrial Waste and Hazardous
Materials Control Section
PAP/rt

(SEE REVERSE SIDE FOR STANDARDS)

a No. EJ 26-1
e. 3-26-80
e. 9:15 AM
l. By. [illegible]
Name not initials)

Date Received in Lab 3-26-80 (11:30)
Public Water
Private Water
Other
Date Completed 4-8-80
Examined By [illegible]

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

me Pride Solvents Owner or District

cation 88 Lamar St., W. Babylon

i[illegible] of Collection storm drain N/S of plant on [illegible]

marks:

COMPOUND	ppb
1,2 Trichloro 1,2,2 Trifluoroethane	<4
l[illegible]oform	<5
1, Trichloroethane	1430
[illegible]bon Tetrachloride	<10
,2 Trichloroethylene	3110
[illegible]oredibromomethane	<2
[illegible]a[illegible]lloroethylene	63
[illegible]orm	<5
[illegible]odichloromethane	<3

(357) [illegible]

[illegible]

COUNTY OF SUFFOLK

DEPARTMENT OF HEALTH SERVICES

NOTICE OF VIOLATION: N.Y.S. ENVIRONMENTAL CONSERVATION LAW

Date April 14, 1980
SPDES NO. NY 0137073
Lab No. TO-380201
Field No. EJ 26 - 2

Pride Solvents & Chemical Co., Inc.
8 Lamar St.
W. Babylon, N.Y. 11704

Gentlemen:

On 3/26/80 samples of industrial waste were taken from your storm drain directly behind plant (west side). Upon analysis, the following parameters were found in concentrations above the maximum allowed in your SPDES permit or in groundwater effluent standards:

1. Trichloroethylene - 453 ug/l
2.
3.
4.
5.
6.
7.
8.
9.
10.

Please be advised that these unsatisfactory conditions constitute violations of the N.Y.S. Environmental Conservation Law. Please be further advised that the discharge of any water from an industrial process to the groundwater of Suffolk County without having first obtained a State Pollutant Discharge Elimination System (SPDES) permit for that discharge is also a violation of the N.Y.S.E.C.L. and S.C. Sanitary Code, Art. 12.

If you do not already possess a valid SPDES permit for the above discharge, then you should apply immediately, through this office, for said permit.

Since the above noted violations may subject you to legal action, it is expected that these violations cease immediately. A reinspection in the near future will determine your compliance in this matter.

Very truly yours,

Patrick A. Perrella

Patrick A. Perrella
Sr. Sanitarian
Industrial Waste and Hazardous
Materials Control Section
AP/rt

(SEE REVERSE SIDE FOR STANDARDS)

No. TO-33020l
d No. EJ 26-2
e. 3-26-80
me. 9:30 AM
l By. [illegible]
(Name not initials)

Date Received in Lab 3-26-80 (11:20)
Public Water
Private Water
Other
Date Completed 4-8-80
Examined By KH BP

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

ar Pride Solvents Owner or District

ocation 88 Lamar St, W. Babylon

oint of Collection storm drain 20' West plant (directly behind)

arks: Note: many 55 gal drums of solvents stacked around drain

COMPOUND	ppb
1,1,2 Trichloro 1,2,2 Trifluoroethane	<4
hloroform	<5
,1,1 Trichloroethane	2400
rbon Tetrachloride	<10
,1,2 Trichloroethylene	458
hlorodibromomethane	<9
trachloroethylene	164
oform	<5*
odichloromethane	<3
[illegible]	(4120) * [illegible]

COUNTY OF SUFFOLK

PETER F. COHALAN
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

Pride Solvents, Inc.
88 Lamar St.
West Babylon, NY 11704

Date December 27, 1982
SPDES NO.
Lab. No. IW-1182025
Field No. 2 DO 11-17

Gentlemen:

On November 17, 1982 samples of industrial waste were taken from your storm drain west side of Pride, adjacent to waste "Perc" storage. Upon analysis, the following parameters were found in concentrations above the maximum allowed in your SPDES Permit or in groundwater effluent standards:

1. 4600 ppb Toluene
2.
3.
4.
5.
6.
7.
8.
9.
10.

Please be advised that these unsatisfactory conditions constitute violations of the N.Y.S. Environmental Conservation Law and/or the Suffolk County Sanitary Code. Please be further advised that the discharge of any water from an industrial process to the groundwater of Suffolk County without having first obtained a State Pollutant Discharge Elimination System (SPDES) Permit for that discharge is also a violation of the N.Y.S. E.C.L. and/or the Suffolk County Sanitary Code, Article 12.

If you do not already possess a valid SPDES Permit for the above discharge, then you should apply immediately through this office for said permit.

Since the above-noted violations may subject you to legal action, it is expected that these violations cease immediately. Violations of the Suffolk County Sanitary Code are subject to the imposition of a civil penalty of up to Five Hundred ($500) dollars per violation. E.C.L. violations are also subject to a civil penalty. A reinspection in the near future will determine your compliance in this matter.

Very truly yours,

JHF

John H. Finkenberg, Sr. Sanitarian
Environmental Pollution Control
cc: Alex Santino

(SEE REVERSE SIDE FOR STANDARDS)

1[illegible] Horseblock Pl.
Farmingville, NY 11738
(516) 451-4628

Col. By MARC CISKIE
(Name not Initials)

Date Completed 12-1-82
Examined By RHirsch

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

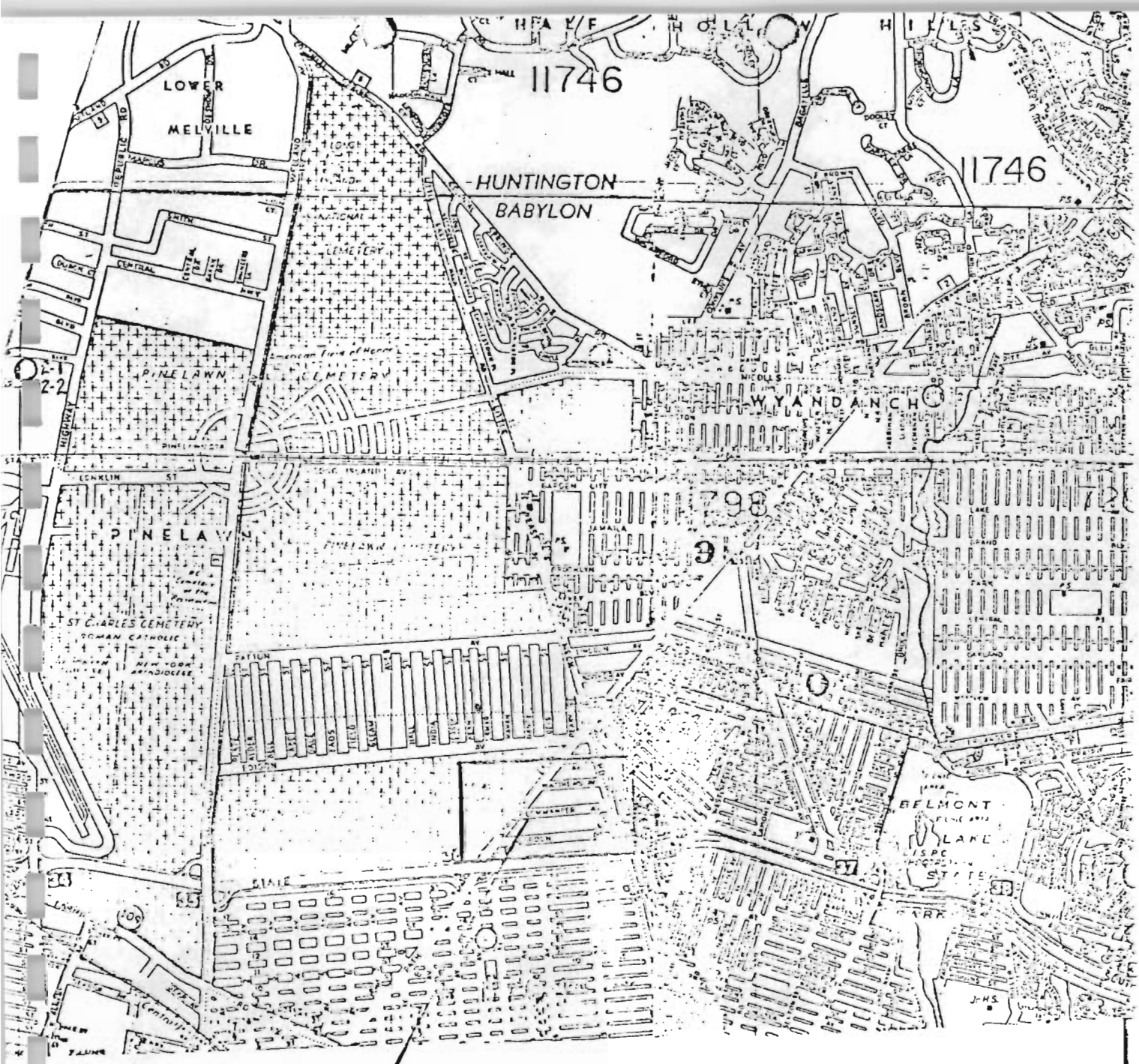
Name Pride Solvents Corp. Owner or District

Location 88 Lower St. West Bab.

Point of Collection Storm drain West side of "Pride", adjacent to west "Pride" storage

Remarks: UHO

	Compound	ppb		Compound	ppb
305	Methylene Chloride		250	Benzene	<10
210	Bromochloromethane		251	Toluene	(4600)
323	1,1 Dichloroethane		254	o-Xylene	<10
319	Trans Dichloroethylene		252	m-Xylene	<10
300	Chloroform	<5	253	p-Xylene	<10
314	1,2 Dichloroethane		255	Xylene (s)	—
321	1,1,1 Trichloroethane	(46)	258	Chlorobenzene	<12
316	Carbon Tetrachloride	<1		Ethylbenzene	<10
294	1 Bromo-2-Chloroethane			Bromobenzene	<16
406	1,2 Dichloropropane			o-Chlorotoluene	<12
310	1,1,2 Trichloroethylene	<5		m-Chlorotoluene	<12
308	Chlorodibromomethane	<2		p-Chlorotoluene	<12
293	1,2 Dibromoethane		265	Chlorotoluene (s)	—
	2-Bromo-1-Chloropropane		415	m-Dichlorobenzene	<14
01	Bromoform	<5	412	o-Dichlorobenzene	<14
11	Tetrachloroethylene	<2	413	p-Dichlorobenzene	—
	Cis-Dichloroethylene			p-diethylbenzene	<10
	Freon 113	<4		1,2,4 Trimethylbenzene	16
	Dibromomethane			1,3,5, Trimethylbenzene	<10
	1,1 Dichloroethylene			2,3 Dichloropropene	
02	BromoDichloromethane	<3		1,1,2 Trichloroethane	<5
				1,1,1,2 Tetrachlorethane	
				1,2,2,3 Tetrachlorpropane	
				s-Tetrachloroethane	<3


HALF HOLLOW HILLS
11746
11746
LOWER MELVILLE
HUNTINGTON
BABYLON
PINELAWN CEMETERY
WYANDANCH
PINELAWN
ST. CHARLES CEMETERY
ROMAN CATHOLIC
BELMONT LAKE STATE PARK
J.H.S.
798
1-1
2-2

SURVEY AREA

HOLZMACHER, McLENDON and MURRELL, P.C. • CONSULTING ENGINEERS, ENVIRONMENTAL SCIENTISTS and PLANNERS
125 BAYLIS ROAD, MELVILLE, N.Y. 11747 • 516-752-9060

August 21, 1981

Mr. Alexander M. Santino, P.E.
Hazardous Materials Management
Suffolk County Department of
Health Services
P.O. Box G
65 Jetson Lane
Central Islip, New York 11722

Re: Pride Solvents & Chemicals Co., Inc.

Dear Mr. Santino:

Enclosed please find four (4) sets of plans and specifications, along with four (4) executed copies of Suffolk County form HWM-01. Also enclosed is a check in the amount of one hundred dollars ($100.00) to cover the filing fee for the appropriate permit to construct. This filing should serve to meet the requirements of Pride Solvent's order on consent (#W-80-12).

The plans were prepared by Vincent S. Sotis, R.A., in conjunction with our office. The plans detail the manner in which it is proposed to modify the existing conditions at their facility which may have contributed to organic readings obtained by the County after sampling and analysis of samples from storm water dry wells at the facility. As detailed on the plans, after completion of the proposed facility modifications, all outside drum storage will be contained within berms and protected from precipitation by an open roof system. It is also intended to eliminate all above grade outside tanks unless contained within a berm.

As soon as Suffolk County and the Town of Babylon can mutually agree on this proposal, we can then proceed to provide a detailed time schedule for implementation. As you are fully aware, we have been experiencing problems in resolving the Town's requirements with the County's. A meeting is scheduled for August 26th, with the Town of Babylon, to discuss the plans.

1-12M

In addition to the items dealt with on the plans, additional work will be required:

(1) A plan outlining the proposed monitoring well network. This will be submitted to your office by September 4th.

(2) Outside storage tank leak testing (below grade tanks) will be conducted in accordance with the Article XII time schedule.

(3) Containment of inside storage tanks at 88 Lamar Street, and drum storage will be accomplished within the time frame specified by Article XII.

(4) Pride Solvents purchased the building and property south of their existing building on Lamar Street. This building will be used in part for storage and also for offices. This facility will be brought into compliance with Article XII. We shall detail the time schedule as well as provide plans for the modification as soon as this application is resolved.

Please give me a call so that we can meet to frame out the schedules as soon as you can complete your review of the plans.

Very truly yours,

HOLTZMACHER, HOLLOWAY & MURPHY, P.C.

John J. Holloy, P.E.

JJH/jj
Enclosure

cc: Mr. Vincent S. Sotis, R.A.
Mr. Robert Gedye
Mr. Arthur Dhom
Mr. Roy Gilbert

— APPLICATION —
PERMIT TO CONSTRUCT
ABOVE/UNDERGROUND TOXIC/HAZARDOUS LIQUID STORAGE TANK SYSTEM AND DRUM STORAGE FACILITIES

ROPOSED STORAGE SYSTEM IS:

[ ] ABOVE GROUND TANK [X] DRUM/BULK STORAGE

[ ] UNDERGROUND TANK [ ] OTHER (SPECIFY-_____)

OFFICAL USE ONLY

S.C.D.H.S. JOB Nº. _____
DATE RCV'D _____
REQU'D FEE _____
DATE FWD. _____
I.D. CODE [ ][ ][ ][ ][ ]

ACILITY NAME Pride Solvents and Chemicals Co., Inc.

D RESS OF PROJECT 88 Lamar Street
(NO.) (STREET)

West Babylon , New York 11704
(CITY) (STATE) (ZIP)

AX MAP Nº SECTION 078 DISTRICT 0100 LOT

ACILITY OWNER Pride Solvents

W ER'S ADDRESS 88 Lamar Street
(NO.) - (STREET)

West Babylon, New York 11704
(CITY) (STATE) (ZIP)

PHONE Nº 643-4800

ERSON TO CONTACT FOR THIS PROJECT Robert Gadue, Operations Manager

D RESS IF DIFFERENT FROM FACILITY OWNER _____
(NO.) (STREET)

_____
(CITY) (STATE) (ZIP)

PHONE Nº 643-4800

RI FLY DESCRIBE PROJECT:

Construct Outside Roofed Bulk Chemical and Storage Facility

E TIFY THAT ALL INFORMATION SUPPLIED HEREON AND ATTACHED HERETO IS TRUE
O THE BEST OF MY KNOWLEDGE.

Arthur Dhom _____ Arthur Dhom, President 8/24/81
APPLICANTS SIGNATURE PRINT NAME DATE

OFFICAL USE ONLY

I APPLICATION WITH ATTACHED PLANS AND REPORTS HAS BEEN REVIEWED AND APPROVED FOR CONSTRUCTION
D THIS PERMIT IS NOW VALID FOR A PERIOD OF 1 YEAR.

SIGNATURE OF APPROVING ENGINEER _____ DATE _____

HMM-001 4/81 1Jr

HOLZMACHER, McLENDON and MURRELL, P.C. • CONSULTING ENGINEERS, ENVIRONMENTAL SCIENTISTS and PLANNERS
125 BAYLIS ROAD, MELVILLE, N.Y. 11747 • 516-752-9060

March 3, 1982

SUFFOLK COUNTY DEPARTMENT
OF HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT

JOB NO.: HM 82-20

Mr. Alexander M. Santino, P.E.
Hazardous Materials Management
County of Suffolk
Department of Health Services
65 Jetson Lane
P.O. Box G
Central Islip, New York 11722

Re: Pride Solvents & Chemicals Co., Inc.

Dear Mr. SanFino:

As a followup to our prior filings in the matters relating to Pride Solvents' compliance schedule with Article XII, we are pleased to submit on their behalf the plans pertaining to the final stage of their modification efforts.

The accompanying three (3) sets of plans were prepared by the offices of Pride Solvents' Architect, Vincent Sotis, R.A. As you are fully aware, an integral part of their efforts towards achieving compliance involved acquisition of additional storage space for drummed materials. These plans relate specifically to the modifications at the adjoining facility just south of their existing facility at 88 Lamar Street. We have also enclosed for your review a copy of correspondence from Preco on the type of coating system employed. As with any coating system intended for multiple potential exposures,certain compromises are necessary. However, in our opinion the selected coating is acceptable and meets the provisions of Article XII. We also had reviewed the berming details with the Architect before finalization of the plans and find the enclosed plans acceptable. If you have any questions pertaining to this filing, please give me a call.

We have enclosed three (3) copies of County Form #HMM--001 as well as a filing fee check in the amount of One Hundred Dollars ($100.00). We believe this filing, together with the prior work submitted to you, should complete their requirements under Article XII. Of course, there are followup matters that must be dealt with in so far as required tank inspections are

12M

concerned. This work will be accomplished within the time frame specified by Article XII.

The only outstanding matter with respect to overall compliance with County regulations would appear to be the installation of monitoring wells. Pride Solvents has committed to installing a series of monitoring wells. We enclose for your review a plan showing the proposed locations. The intent would be to install these wells for self monitoring purposes. The wells would be 2"-PVC casing and screen. The well screen will be set just into the shallow glacial. If the locations are agreeable, please notify this office so that we can provide a detail for your review. These wells can be installed this spring, along with the other work which is slated for completion at that time.

There may be some conflict on interpretation of sampling results which would be obtained due to the very close proximity of this facility with the Babylon landfill, as well as nearby commercial and industrial facilities. However, the commitment has been made on the installation of the wells and we will just have to await data. Hopefully, the well locations will allow for dealing with these potential future conflicts on interpretation.

If you have any questions or if we can be of any further assistance, please give me a call.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

John J. Molloy, P.E.

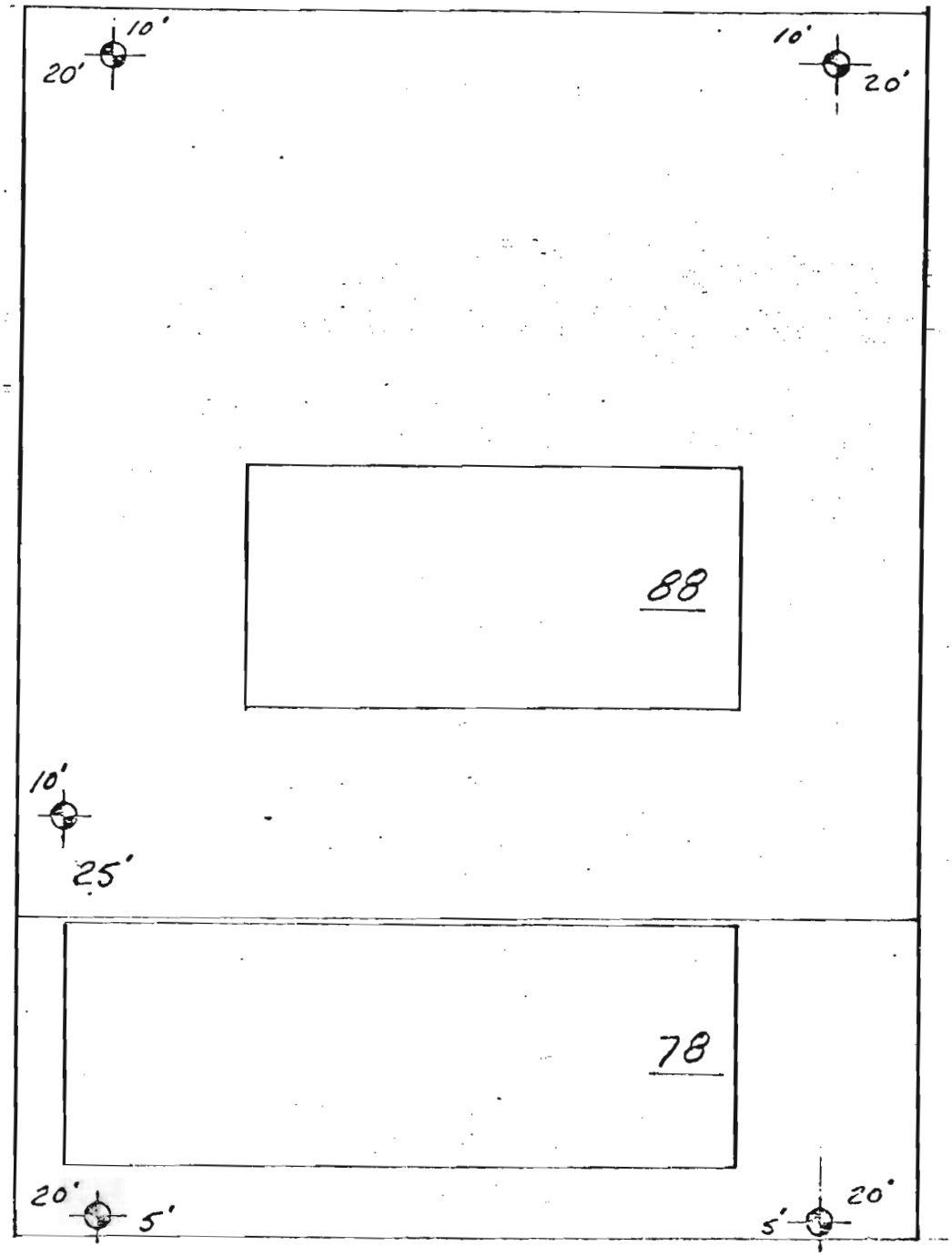
JJM/jj
Enclosure

cc: Mr. Robert Gadue

SUFFOLK COUNTY DEPARTMENT
OF HEALTH SERVICES
HAZARDOUS MATERIALS MANAGEMENT

JOB NO.: HM 82-20

4



PROPOSED MONITORING WELL LOCATIONS

PRIDE SOLVENTS & CHEMICAL CO., INC.
88 LAMAR STREET
78 LAMAR STREET
SCALE: 1"=40'.. WEST BABYLON, NEW YORK * MAR. 82.

HOLZMACHER, McLENDON & MURRELL, P.C.
CONSULTING ENGINEERS, ENVIRONMENTAL SCIENTISTS and PLANNERS
MELVILLE, N.Y.
FARMINGDALE, N.Y.
RIVERHEAD, N.Y.

COUNTY OF SUFFOLK

DEPARTMENT OF HEALTH SERVICES

MEMORANDUM

TO: Alexander Santino, Hazardous Wastes Management Section

FROM: Richard Markel, Groundwater Resources Section

DATE: April 7, 1982

SUBJECT: PRIDE SOLVENTS & CHEMICAL CO., INC.

The locations of the proposed wells for the "self monitoring" of Pride Solvents are satisfactory with respect to their locations vis-à-vis the groundwater flow which is in a southeast direction.

The depth of the wells should be just into the water table (top of screen approximately 2 ft. below top of the water table; 2-5 ft. screens are fine).

These wells should be monitored for 1,1,2 trichloroethylene, tetrachloroethylene and cis-dichloroethylene at the minimum. (These are the compounds which we have been finding in the wells drilled to date near Pride Solvents).

Should you require any additional information, please contact me at tie line: 77-233-2897.

RM/jb
cc: S. Cary

225 RABRO DRIVE EAST ■ HAUPPAUGE, N.Y. 11788 ■ (516) 348-2917

DEPARTMENT OF HEALTH SERVICES

INTEROFFICE MEMORANDUM

To: James Pim

Date: June 11, 1981

From: Alexander Santino AS

Subject: PRIDE SOLVENTS & CHEMICAL CO., INC.

Mr. Robert Gadue, Operations Manager of the above firm, telephoned me and asked permission to sell flammable products to Fabric Leather Corp. in Glen Cove, N.Y. as boiler fuel instead of burning waste oil as is the current practice.

The flammable products in question are a mixture of various solvents that have been contaminated with other solvents. For example, if a customer of Pride wants 25 drums of methyl ethyl ketone and it must be pure MEK and if the hose and pump system had previously been used for methanol then the procedure would be to flush the pumping system and hose with the pure MEK to clean out any residues of the methanol and this "flush liquid" would then be piped into a holding tank. This "flush liquid", according to Pride, does have commercial value and, therefore, is not considered a waste. Pride is also selling it to Fabric Leather and is not paying to have this material hauled away and discarded.

Therefore, I am not categorizing this material as a hazardous waste and a manifest is not required in this case and it may be delivered to Fabric Leather by Pride's tank trucks. However, I made the stipulation to Mr. Gadue that he must maintain careful records concerning this material under Article 12 and that he should be able to produce these records any time that we request them.

Alexander Santino
AS/rt

STATE OF NEW YORK: COUNTY OF SUFFOLK
DEPARTMENT OF HEALTH SERVICES

X

In the Matter of the Complaint

- against -

Pride Solvents and Chemical Company, Inc.
88 Lamar Street
West Babylon, New York 11704

NOTICE OF
FORMAL HEARING

Respondent.

Under and Pursuant to the Public Health Law of the State of New York, the Sanitary Code of the County of Suffolk and the Statutes of the State of New York and the Laws and Ordinances of the County of Suffolk.

X

TO: Pride Solvents and Chemical Company, Inc.
88 Lamar Street
West Babylon, New York 11704

PLEASE TAKE NOTICE:

THAT YOU ARE DIRECTED TO APPEAR at the office of the Department of Health Services of the County of Suffolk at 225 Rabro Drive East, Hauppauge, New York, Room # on the day of at in connection with certain alleged violations of Article of the Suffolk County Sanitary Code and/or ordinances, rules regulations and orders promulgated thereunder, to wit:

1. On June 3, 1980, Respondent corporation by its president, Arthur Dhom, entered into an order on consent, attached hereto as Exhibit A, and though agreeing to be bound by its terms and conditions, failed to comply with Paragraphs 2, 3, 4, 5 and 8 thereof.

2. On March 11, 1981, a sample procured from a leaching facility on Respondent corporation's premises revealed the presence of toxic or hazardous materials therein, being discharged therefrom into the surrounding soils, in violation of section 1205(a) of Article 12 of the Suffolk County Sanitary Code.

3. The March 11, 1981, discharge also constitutes a violation of Paragraph 7 of the above-mentioned order on consent.

WHEREFORE, the Suffolk County Department of Health Services demands: the findings of violation as herein alleged; that the suspended two thousand five hundred $2500) dollar civil penalty agreed to by the Respondent in Consent Order IW80-12 be made due and payable as a result of Respondent's failure to comply with the provisions of said Order on Consent; that a civil penalty of five hundred ($500) dollars be imposed for the March 11, 1981, violation of Section 1205(a) of Article 12 of the Suffolk County Sanitary Code; and such other and further relief as may be appropriate in this situation.

THAT, each day of violation constitutes a separate and distinct violation subject to a civil penalty not to exceed the sum of Five Hundred ($500.00) Dollars for each day of violation, as prescribed by Article 2, Section 218, Paragraphs 2 and 5 of the Sanitary Code of Suffolk County and Section 309 of the Public Health Law of the State of New York.

THAT, you may appear with or without counsel and you may produce any witnesses and evidence in your behalf.

THAT, you may contact the Hearing Coordination Officer at 435-2785, if you have questions relative to the hearing or require additional information.

PLEASE TAKE NOTICE

THAT, upon your failure to appear, the hearing may be held in your absence and a determination may be made, and such proceedings instituted under the law, either administrative, civil or criminal, as may be deemed necessary and appropriate in the circumstances.

Aaron D. Chaves, M.D.
Deputy Commissioner

DATED:

Hauppauge, New York

COUNTY OF SUFFOLK

File Doc

DEPARTMENT OF HEALTH SERVICES

Date: May 12, 1981

Mr. Arthur Dhom, President
Pride Solvents
8 Lamar Street
West Babylon, NY 11704

Re: Pride Solvents
Order on Consent #1W-80-12

Dear Mr. Dhom:

A review of our records pertaining to the above referenced project revealed that the following item(s) are outstanding, due dates in parenthesis:

_____SPDES application incomplete
_____Preliminary engineering report ( )
_____Laboratory Analysis of waste stream ( )
__x__Engineering Report (9/80)
__x__Approvable plans specifications (11/80)
__x__Commencement of construction (1/81)
_____Completion of construction ( )
_____Attainment of operational level ( )
_____As built drawings ( )
_____Engineers certification of construction ( )
__x__Special condition(s): ITEMS #2,3,4,5,7 & 8 on attached order on consent have not been satisfied. Suggest you establish meeting with Babylon Town Fire Safety and this office to discuss matter of fire prevention procedures.

Please respond by: May 27, 1981

Adherence to the original schedule agreed upon is expected. However, should additional time be necessary please submit a written request for an extension.

Very truly yours,

Gordon J. Watt

Gordon J. Watt

GJW:he

cc: File, R. Gilbert, D. Obrig, J. Molloy (H_2M)

Jetson La., Box G Central Islip, NY 11722 (516) 234-2622

file

Pride SOLVENTS AND CHEMICAL CO. INC.

88 LAMAR STREET • WEST BABYLON, NEW YORK 11704

(516) 643-4800 • (212) 895-6600

April 28, 1981

Mr. Alexander M Santino, P.E.
Suffolk County Department of Health Services
Hazardous Materials Management
P.O. Box G
Central Islip, New York 11722

Dear Mr. Santino:

To complete your file on the chemical spill that occurred at our facility on April 10th, 1981 I am enclosing a copy of invoice covering the clean up and disposal actions taken by Pride.

If you require further information on this matter please contact me at any time.

Very truly yours,
Pride Solvents & Chemical Company

/Robert Gadue

Robert Gadue
Operations Manager

RG:lp

HWD

Industrial Waste Specialists

11A PICONE BLVD.
FARMINGDALE, N.Y. 11735
516-420-1927 – 516-420-1943

Invoice Nº 1572

Pride Solvents
88 LaMar Street
West Babylon, New York 11704
accounts payable

Date 4-15-81
Purchase Order #
Work Order #
TERMS: net 10 days

EMERGENCY RESPONSE 4-10-81

TITY	DATE	CAS #	DESCRIPTION	UNIT PRICE	AMOUNT
urs	4-10		Vactor 2045 + operator	175.00	1225.00
gls	"		Contaminated ground water	.25	500.00
gls	"		Transportation of 2000 gls contaminated ground water		250.00
ach	"		Open top drums contaminated soil	78.00	1170.00
	"		DOT approved 17H open top drums	22.50	337.50
			Transportation of 15 open head drums to secure chemical landfill	9.00	135.00
				7% Tax	226.28
				Total	2843.78

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
INDUSTRIAL WASTE AND HAZARDOUS MATERIALS
65 Jetson Lane, Hauppauge, N.Y. 11787
(516) 234-2622 x260

FILE

...OF ...LITY Pride Solvents + Chemical Co Inc.	OWNER/OFFICER Arthur Dlaw - Pres	SIG
...AN...	CONTACT Robert Gadue.	TEL. 643-4800
...NT ...ES	VILLAGE West Babylon TOWN Babylon	
...LIN... ...ESS 88 Lowar St.		ZIP 11704
...1 4A981 | TIME 2^20^ 2/11	ORIG.___ PERIODIC___ RE. X | WASTE___ NO WASTE___ H.&H. X	-

...STRIAL PROCESS: Distribute Solvents + Chemicals.

...ES ...R ...ES ...RMIT? X YES. ___NO. PERMIT NO. NY013 7073 | 360 PERMIT? ___YES. ___NO. PERMIT NO.

...VENGER | TEL.

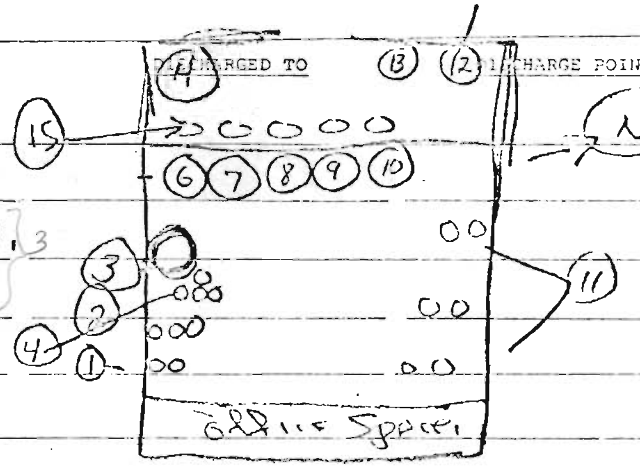
...VEN...ER ...ROV...D. ___YES. ___NO. | PICK UP RECORDS AVAILABLE. ___YES. ___NO. | RECORDS CONSISTENT WITH EXPECTED WASTE GENERATION. ___YES. ___NO.

...RAGE CAPACITY: WASTE MATERIALS. | RAW MATERIALS.

...UME ON SITE: WASTE MATERIALS. | RAW MATERIALS.

...AG... FACILITIES: ENCLOSED ___. DIKED ___. CHEMICAL RESISTANT PAD ___. FLOOR DRAINS ___. STRUCTURALLY LEAK TIGHT ___

...OCESS	DISCHARGE	DISCHARGED TO	DISCHARGE POINT



(1) 7 x 55 gal. FREON TMS 1
(1) x 55 gal. CHLOROTHENE - 2
Diethylene glycol - 4 x 55 gal. 3
Poly glycol - 4 x 55 gal.
(4) 4 x 55 gal. Carbostel. 4
(5) 1500 gal. → Tri Chloroethylene. 5
(6) 000 gal → 111, Tri Chloro. 6
(7) " " Methylene CHLORIDE 7
(8) " " "PERC" chloroethylene. 8
(9) " " (NEU-TRI) trichloroethylene 9
(10) " " 111, Trichloroethane. 10
(11) Drum storage. 11
(12) 3000 gal. Butyl cellusolve (ethylene glycol N-Butyl ether) 12
(13) 5000 gal. perc chloroethylene 13
(14) 5000 gal. 111 tri chloroethylene 14
(15) empty drums.

VIOLATIONS FOUND

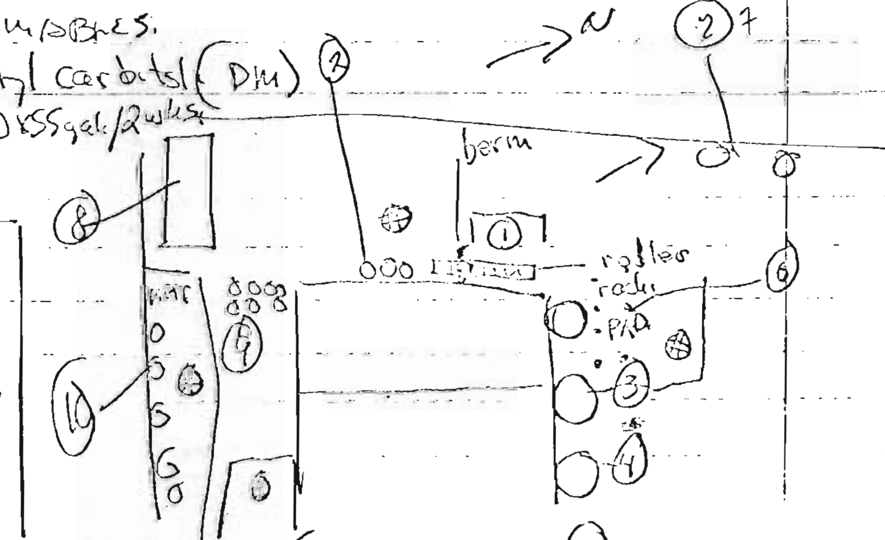
FACILITY OPERATOR:

GROUNDWATER IS SUFFOLK COUNTY'S SOLE SUPPLY SOURCE FOR DRINKING WATER. INDUSTRIAL WASTES DISCHARGED ON TO THE GROUND OR STORM DRAINS MAY RENDER THIS VALUABLE RESOURCE UNFIT FOR HUMAN CONSUMPTION WITH SOLVENTS, OILS, AND OTHER TOXIC OR HAZARDOUS MATERIALS. PROTECTION OF SURFACE AND GROUNDWATERS IN SUFFOLK COUNTY FROM INDUSTRIAL POLLUTION IS PROVIDED FOR BY THE STATE ENVIRONMENTAL CONSERVATION LAW, THE SUFFOLK COUNTY SANITARY CODE, AND THE NEW YORK STATE NAVIGATION LAW. PLEASE NOTE, THE ITEMS CHECKED BELOW ARE VIOLATIONS, OF ONE OR MORE OF THE ABOVE CODES OR LAWS, WHICH WERE FOUND ON THIS DATE AT YOUR FACILITY. SINCE THESE VIOLATIONS MAY RESULT IN LEGAL ACTION IT IS IMPERATIVE THAT IMMEDIATE CORRECTIVE ACTION BE TAKEN BY YOUR FACILITY.

VIOL	ITEM	DATE CORRECTED
	1. DISCHARGING INDUSTRIAL WASTE WITHOUT A VALID STATE POLLUTANT DISCHARGE ELLIMINATION SYSTEM (SPDES) PERMIT. (CORRECTIVE ACTION - "A" OR "B") (A) CEASE ALL DISCHARGE. INITIATE A CLOSED LOOP SYSTEM OF OPERATION AT YOUR FACILITY. ANY WASTE GENERATED TO BE HELD AND HAULED BY A LICENSED INDUSTRIAL WASTE SCAVENGER. OBTAIN AN INDUSTRIAL WASTE HOLDING PERMIT. (B) IF YOU WISH TO MAINTAIN AN INDUSTRIAL DISCHARGE: 1. THE DISCHARGE MUST BE TREATED IF NECESSARY TO MEET N.Y. STATE EFFLUENT STANDARDS. 2. APPLY FOR AND OBTAIN A SPDES PERMIT. ALL FOUR COPIES OF PERMIT APPLICATION TO BE FILLED OUT AND SUBMITTED WITHIN 30 DAYS. ALSO INCLUDE A PLOT PLAN SHOWING ALL PLANT DISCHARGES AND POINTS TO WHERE ALL DISCHARGES ARE ROUTED. (CESSPOOLS, STORM DRAINS, ETC.)	
	2. STORING OR HOLDING INDUSTRIAL WASTE WITHOUT A VALID INDUSTRIAL WASTE STORAGE PERMIT. (CORRECTIVE ACTION - APPLY FOR AND OBTAIN AN INDUSTRIAL WASTE STORAGE PERMIT.)	
	3. RELEASING TOXIC OR HAZARDOUS WASTES TO ANYONE OTHER THAN A LICENSED INDUSTRIAL WASTE SCAVENGER. (CORRECTIVE ACTION - OBTAIN THE SERVICES OF A LICENSED INDUSTRIAL WASTE SCAVENGER AND NOTIFY THIS DEPARTMENT, IN WRITING, WITHIN 14 DAYS OF SCAVENGER SELECTED.	
	4. PICKING UP, TRANSPORTING, OR DISPOSING OF TOXIC OR HAZARDOUS WASTE WITHOUT A VALID N.Y. STATE INDUSTRIAL WASTE COLLECTOR REGISTRATION.	
	5. SCAVENGER PICK UP RECEIPTS NOT AVAILABLE AT TIME OF INSPECTION. (CORRECTIVE ACTION - SCAVENGER PICK UP RECEIPTS LISTING VOLUME, TYPE OF MATERIAL PICKED UP, AND DATE OF PICK UP MUST BE KEPT ON THE PREMISES AND MADE AVAILABLE TO REPRESENTATIVES OF THIS DEPARTMENT UPON REQUEST.)	
	6. FAILURE TO REPORT A TOXIC OR HAZARDOUS MATERIAL SPILL WITHIN 2 HOURS OF SPILL DETECTION. (ANY UNAUTHORIZED DISCHARGE, SPILL OR RECOGNIZABLE LOSS OF TOXIC OR HAZARDOUS WASTE SHALL BE REPORTED TO THE SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES, AND ANY OTHER REQUIRED AGENCY, WITHIN 2 HOURS OF SPILL DETECTION.)	
	7. STORAGE; X DRUMS, X TANKS, X CONTAINERS, USED FOR THE STORAGE OR HANDLING OF TOXIC OR HAZARDOUS WASTE FOUND:	
X	(A) NOT STORED IN A WAY THAT WILL PREVENT THE RELEASE OF THE CONTENTS OF THE CONTAINERS TO THE GROUND OR SURFACE WATERS.	
X	(B) NOT STORED INDOORS. (NOTE- IF INDOOR STORAGE IS PROHIBITED BY PERTINENT FIRE REGULATIONS THEN SUCH PROHIBITION SHOULD BE SUBMITTED TO THIS DEPARTMENT, IN WRITING, SIGNED BY THE LOCAL FIRE COMMISSIONER.)	
X	(C) NOT STORED ON AN IMPERVIOUS, CHEMICAL RESISTANT SURFACE COMPATIBLE WITH THE MATERIAL BEING STORED.	
X	(D) STORAGE AREA NOT COMPLETELY ENCLOSED WITH A PERMANENT DIKE OF IMPERMEABLE CONSTRUCTION, AND CAPABLE OF PROVIDING A SPILL CONTAINMENT CAPACITY 3? [illegible] OF THE VOLUME OF STORED MATERIAL.	
X	(E) NOT STORED PROTECTED FROM VANDALISM, UNAUTHORIZED ACCESS AND / OR RUSTING, FREEZING, AND OTHER WEATHER RELATED DAMAGE.	

(1) Transfer station. →
(2) Flush drums (indi. waste) approx. 10 drums/mo.
(3) Carbitol D.G 1500 gal.
(4) Perc. 1500 gal.
(5) 1500 gal. methylene chloride.
(6) UNDER GND. TANK TOPS,
(7) COMBUSTABLES + FLAMABLES.
(8) 2000 gal. tanker - methyl carbitol (DM)
(9) Reclaim tri-chloro - 30 x 55 gal/2 wks.
(10) Flam. drum storage

GILL HANSE
DIFFICULTY WITH BABYLON
FIRE SAFTY UNIT, WITH
[illegible] OF CHEMICAL FIRE FIGHTING
[illegible] SYSTEMS
STEVE COSTA REF.



PERMISSION GRANTED BY THIS FACILITY TO THE SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES TO CONDUCT THE SAMPLING OF [illegible] STORM DRAINS, AND OTHER DISCHARGE POINTS AT THE FACILITY ? ✓ YES. ____ NO.

[illegible] BE SUBMITTED ON OR AFTER [illegible] . FAILURE TO CORRECT VIOLATIONS [illegible] DATE
[illegible] IN A [illegible] AND/OR FINE.

DAVID CORIG

FILE

Lab No. 78-3811 91
Field No. SDO 11-3
Date 11 MARCH 81
Time 957AM
Col. By DAVID OBRIG
(Name not initials)

Received in Lab 3/ /81 11:50AM
Public Water
Private Water
Other
Date Completed 3-17-81
Examined By KH FH

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name PRIDE SOLVENTS + CHEMICALS CO. Owner or District

Location 88 LAMAR ST. W. BABYLON

Point of Collection NORTH DRAIN NW SIDE OF PRIDE SOLVENTS

Remarks: SPDES #005

	Compound	ppb		Compound	ppb
320	1,1,2 Trifluoro trichloroethane	< 4	306	Vinyl Chloride	
300	Chloroform	< 5	250	Benzene	< 5
321	1,1,1 Trichloroethane	(65)	251	Toluene	< 5
324	Carbon Tetrachloride		254	O-Xylene	
310	1,1,2 Trichloroethylene	27	252	m-Xylene	< 5
326	Chlorodibromomethane	< 3	253	p-Xylene	< 5
311	Tetrachloroethylene	24	255	Xylene(s)	
301	Bromoform	< 5		CHLOROBENZENE ETHYLBENZENE	< 5 < 5
302	Bromodichloromethane	< 3		BROMOBENZENE	

ab No. TO-381190
ield No. LDO 11-3
at MARCH 11, 1981
ir 959 AM
ol. By DAVID GOOG
Name not initials)

Received in Lab 3/11/81 11:50AM
Public Water
Private Water
Other
Date Completed 5-5-81
Examined By KH BPEA SLTM

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

ame PRIDE SOLVENTS & CHEMICALS CO. Owner or District
ocation 88 LAMAR ST. W. BABYLON
oint of Collection STREAM DRAIN WEST SIDE OF PRIDE SOLVENTS SPDES #004
emarks:

	Compound	ppb		Compound	ppb
520	1,1,2 Trifluoro trichloroethane	< 4	306	Vinyl Chloride	
500	Chloroform	< 5	250	Benzene	< 5
52	1,1,1 Trichloroethane	(370)	251	Toluene	< 5
10	Carbon Tetrachloride	< 5	254	O-Xylene	< 5
510	1,1,2 Trichloroethylene	(120)	252	m-Xylene	< 5
01	Chlorodibromomethane	< 1	253	p-Xylene	< 5
11	Tetrachloroethylene	(85)	255	Xylene(s)	
01	Bromoform	< 5		CHLOROBENZENE ETHYLBENZENE	< 4 < 5
02	Bromochloromethane	< 3		BROMOBENZENE	< 8

METHYLENE CHLORIDE < 54

FIELD

D. 4DO 11-3

DAVID OBRIEN
NAME, NOT INITIALS

L 11 MARCH 81

L. 10^00 AM

FILE

LABORATORY

LAB NO. 3-81-138

TYPE SAMPLE IND.

DATE REC'VD. 3/11-DDP

TIME REC'VD. 12:30 PM

DATE COMPLETED 3/25/81 DMF

SUFFOLK COUNTY HEALTH SERVICES LABORATORY
CHEMICAL EXAMINATION OF WATER, SEWAGE, INDUSTRIAL WASTE

R RM PRIDE SOLVENTS & CHEMICALS CO.

SS R LOCATION 88 LAMAR ST W BABYLON

F COLLECTION SANITARY POOL, DISTRIBUTION POOL EAST SIDE OF PRIDE SOLVENTS FURTHEST EAST COVER SPDES # 001

KS NSTRUCTIONS

TEST	RESULT		TEST	RESULT mg./liter		TEST	RESULT mg./liter
ONDUCT	umho		NITRATE-N		✓	COPPER	.2
H			NITRITE		✓	IRON	.7
TEST	RESULT m.g./liter		AMMONIA-N			MANGANESE	
5. ALKALINITY			TKN		✓	CHROMIUM	<.02
T. LKALINITY			O-PO_4-P		✓	NICKEL	<.1
HLORIDE					✓	ZINC	<.1
LUORIDE						MAGNESIUM	
CY NIDE			TOT. SOLIDS			CALCIUM	
			SUS. SOLIDS		✓	LEAD	<.2
SU FATE			DISS. SOLIDS		✓	CADMIUM	<.02
MBAS					✓	SILVER	<.02
C.O.D.						SODIUM	
T C.						POTASSIUM	
						BARIUM	
			FIELD D.O.				
			FIELD TEMP				
			FIELD pH	APPROX. 7			
			FIELD COND.	umho			

33-112

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
INDUSTRIAL WASTE AND HAZARDOUS MATERIALS CONTROL
15 HORSEBLOCK PLACE, FARMINGVILLE, N.Y. 11738
(516) 451-4633

Art XII Reports Sample ____
Air ____ File ____

NAME OF FACILITY: PRIDE SOLVENTS + CHEMICALS	OWNER/OFFICER: (BRUCE BREHM)	PAGE 1 OF
COMPANY NAME	CONTACT MR. JOHN LOCK	TEL. 643-4800
PLANT ADDRESS: 88 LAMAR ST.	VILLAGE W. BABYLON TOWN	ZIP 11704
MAILING ADDRESS: (+78 LAMAR ST) ATTACHED		

DATE	TIME	ORIG. (PERIODIC) RE.	WASTE / NO WASTE / H&H	SEWAGE SYSTEM: PUBLIC (PRIVATE)
2-25-83				

INDUSTRY: CHEMICAL STORAGE + DISTRIBUTION + (RECYCLING)

SPDES PERMIT? (YES) NO	PERMIT NO. NY 0137073	360 PERMIT? (YES) NO	PERMIT NO.

SCAVENGER: MARINE POLLUTION CONTROL (FOR FLAMMABLE WASTE) TEL.

SCAVENGER APPROVED (YES) NO	PICK UP RECORDS AVAILABLE (YES) NO	RECORDS CONSISTENT WITH EXPECTED WASTE GENERATION YES NO

HEATING SYSTEM-MFG NAME	FUEL TYPE	FIRING RATE
NO. 2 oil - hot water		
1000 gal underground TANK		
INCINERATOR NAME	WASTE BURNED	RATE

STORAGE (YES) NO	NUMBER STORED INDOORS OUTDOORS 600	TYPE OF MATERIAL STORED (WASTE) (RAW) STACKED 2 HIGH
STORAGE TANKS (YES) NO	NUMBER OF TANKS ABOVEGROUND UNDERGROUND	TYPE OF MATERIAL STORED WASTE RAW
OPEN PROCESS TANKS YES NO	NUMBER OF OPEN PROCESS TANKS	ANY ART. XII VIOLATIONS (YES) NO

C01 SANITARY ONLY (only 11 employees)
C02 STORM DRAINS
WHEN PRODUCT CHANGES ARE MADE - HOSES ARE FLUSHED
KEPT IN HOLDING TANK (3000 gal in ground) STEEL - FOR HOLDING
INSPECTION REVEALS SAME CONDITIONS AS 3-2-82 INSPECTION
AT # 88 LAMAR ST.
STORM DRAIN W/S OF DIDE adjacent to WASTE "PERC" STORAGE
CHECKED - NO VISIBLE LEAKAGE INTO IT
ART XII VIOLATION FOR OUTDOOR DRUM STORAGE & INDOOR
TANK - EXTENSION GRANTED FOR CONSTRUCTION

PERMISSION IS GRANTED BY THIS FACILITY TO THE SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES TO CONDUCT ROUTINE SAMPLING OF CESSPOOLS, STORMDRAINS, AND OTHER DISCHARGE POINTS AT THE FACILITY.

RE INSPECTION SCHEDULED ON OR AFTER _____. FAILURE TO CORRECT UNSATISFACTORY CONDITIONS BY REINSPECTION DATE MAY RESULT IN A HEARING AND/OR FINE.

SIGN. OF PERSON RECEIVING REPORT	TITLE Vice Pres.	INSPECTOR

8-155: 9/82 5/81 TJK

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
INDUSTRIAL WASTE AND HAZARDOUS MATERIALS CONTROL
65 JETSON LA., P.O. BOX G, CENTRAL ISLIP, NY. 11722
(516) 234-2622

CITY FILE

NAME OF FACILITY PRIDE SOLVENTS	OWNER/ OFFICER		PAGE 1 OF
COMPANY NAME	CONTACT MR. CADUE		TEL. 694-4800
ADDRESS 88 LAMAR ST.	VILLAGE W. BABYLON	TOWN	ZIP 11704
MAILING ADDRESS			

DATE 2-2-82	TIME	ORIG.	PERIODIC	RE.	WASTE	NO WASTE	H&H	SEWAGE SYSTEM PUBLIC PRIVATE

INDUSTRY Chemical Storage & Distribution

DES OR DES PERMIT? YES NO PERMIT NO. NY 013 7073 | 360 PERMIT? YES NO PERMIT NO.

HAVENGER Chemical Solvents + Peterbilts, Astoria TEL.

HAVENGER APPROVED YES NO | PICK UP RECORDS AVAILABLE YES NO | RECORDS CONSISTENT WITH EXPECTED WASTE GENERATION YES NO

HEATING SYSTEM-MFG. NAME	FUEL TYPE	FIRING RATE
no. 2 oil - hot water		
1000 gal TANK. - below ground for oil		
INCIN. MAKE	WASTE BURNED	RATE

DRUM STORAGE YES NO	NUMBER OF DRUMS STORED ≈600	TYPE OF MATERIAL STORED OUTDOORS STACKED 2 HIGH WASTE RAW BOTH	
TANK STORAGE YES NO	ABOVE GROUND UNDER GROUND BOTH	TYPE OF MATERIAL STORED WASTE RAW BOTH	
ABOVE TANKS HAVE BEEN REGISTERED YES NO	CONDITION OF ABOVEGROUND TANKS GOOD FAIR POOR	ANY ART. XII VIOLATIONS YES NO	

001 SANITARY ONLY } only discharges
002 STORM DRAINS }

Article 12 Progress
Drum storage tank 5500 gal - cement dike built - building to follow - TANK TO BE INSTALLED THURSDAY MARCH 4
Drum Storage - Plans submitted - No conclusion yet - NO LEAKS SEEN
Plans submitted for all TANKS
Shed will be installed indoors with lined pit for spills - NO LEAKAGE SEEN

PERMISSION IS GRANTED BY THIS FACILITY TO THE SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES TO CONDUCT ROUTINE SAMPLING OF SEWERS, STORMDRAINS, AND OTHER DISCHARGE POINTS AT THE FACILITY.

INSPECTION SCHEDULED ON OR AFTER _____. FAILURE TO CORRECT UNSATISFACTORY CONDITIONS BY REINSPECTION DATE MAY RESULT IN A HEARING AND/OR FINE.

NAME OF PERSON GIVEN REPORT [signature] | TITLE TEAM LEADER | INSPECTOR [signature]

5/81 5/81 TJK

▪ Eastman Chemical ▪ Shell Chemical

JOHN KEOGH
Terminal Manager

PRIDE SOLVENTS & CHEMICAL CO., INC.
88 LAMAR STREET • WEST BABYLON N Y 11704
(516) 643-4800 • (212) 895-6600

DEPARTMENT OF HEALTH SERVICES
AND HAZARDOUS MATERIALS CONTROL
P.O. BOX G, CENTRAL ISLIP, NY. 11722
(516) 234-2622

NEW ✓ Art XII — Letter
Air — Sample
File ✓

OWNER/ OFFICER		PAGE 1 OF
CONTACT		TEL.
VILLAGE	TOWN	ZIP

MAILING ADDRESS

DATE 6/1/87 | TIME | ORIG. PERIODIC RE. | WASTE | NO WASTE | H&H | SEWAGE SYSTEM | PUBLIC PRIVATE

INDUSTRY

PDES OR PDES PERMIT? YES NO PERMIT NO. | 360 PERMIT? YES NO PERMIT NO.

SCAVENGER | TEL.

SCAVENGER APPROVED YES NO | PICK UP RECORDS AVAILABLE YES NO | RECORDS CONSISTENT WITH EXPECTED WASTE GENERATION YES NO

HEATING SYSTEM-MFG. NAME	FUEL TYPE	FIRING RATE
INCIN. NAME	WASTE BURNED	RATE

DRUM STORAGE YES NO | NUMBER OF DRUMS STORED | TYPE OF MATERIAL STORED WASTE RAW BOTH

TANK STORAGE YES NO | ABOVE GROUND UNDER GROUND BOTH | TYPE OF MATERIAL STORED WASTE RAW BOTH

HAVE TANKS BEEN REGISTERED YES NO | CONDITION OF ABOVEGROUND TANKS GOOD FAIR POOR | ANY ART. XII VIOLATIONS YES NO

John Keogh Te. Mgr. ...
site - 78 Lamar ...
formerly ... + ...

Note this expansion also numerous drums
stored in a manner not agreeable with
Art 12 between the two buildings.

PERMISSION IS GRANTED BY THIS FACILITY TO THE SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES TO CONDUCT ROUTINE SAMPLING OF LEACHING POOLS, STORMDRAINS, AND OTHER DISCHARGE POINTS AT THE FACILITY.

REINSPECTION SCHEDULED ON OR AFTER .... FAILURE TO CORRECT UNSATISFACTORY CONDITIONS BY REINSPECTION DATE MAY RESULT IN A HEARING AND/OR FINE.

SIGN. OF PERSON REC. REPORT | TITLE | INSPECTOR Bruce [illegible]

(516) 234-2622 x260

[illegible] Pride Solvents + Chemicals, Inc.	OWNER/ OFFICER		
[illegible]ANY	CONTACT Mr. Gadue - Operations Manager	TEL. 643-4800	
88 Lamar St.	VILLAGE W. Babylon	TOWN	
[illegible]LING [illegible]RESS		ZIP 11704	
[illegible]-7-80	TIME	ORIG. ___ PERIODIC ✓ RE. ___	WASTE ___ NO WASTE ___ H.&H. ___

[illegible]STRIAL PROCESS:

[illegible] PERMIT? ___ YES. ___ NO. PERMIT NO. | 360 PERMIT? ___ YES. ___ NO. PERMIT NO.

[illegible]ENGER Hazardous Waste Disposal (receipt attached) TEL.

[illegible]VENGER [illegible]ROVED. ___ YES. ___ NO. | PICK UP RECORDS AVAILABLE. ___ YES. ___ NO. | RECORDS CONSISTENT WITH EXPECTED WASTE GENERATION. ___ YES. ___ NO.

[illegible] CAPACITY: WASTE MATERIALS.
[illegible] drums - waste material on North side outdoors

RAW MATERIALS.
5 x 5500 gal tanks indoors
[illegible], Methylene Cl, Reclaimed

[illegible] ON SITE: WASTE MATERIALS.

RAW MATERIALS.
Neutra, Chloroethane VG Tri
Drums - about 125 - Freon, Neutri Chloroethane (3 high)
1500 gal tank - indoors - Alk - trichlor.

[illegible]AGE FACILITIES: ENCLOSED ___. DIKED ___. CHEMICAL RESISTANT PAD ___. FLOOR DRAINS ___. STRUCTURALLY LEAK TIGHT ___

PROCESS	DISCHARGE	DISCHARGED TO	DISCHARGE POINT

Consent Order Inspection
Storage - outdoors Stacked 2 high now, instead of 3 high
Inventory - outdoors (hundreds of drums)
Submitted 360 permit to the state
[illegible] - 3 x 5000 gal tanks Perklor, [illegible], Chloro[illegible]
Storm drains (W/O Building) pumped out & soil excavated - 6 drums
" W/O Building) also pumped & excavated
Filling area - drain → 750 gal steel tank for spill collection
In compliance with consent order

OVER FOR LIST OF VIOLATIONS

NDWATER IS SUFFOLK COUNTY'S SOLE SU[illegible] SOURCE FOR DRINKING WATER. INDUSTRIAL WA[illegible] DISCHARGED ON TO THE GROUND OR
OR STORM DRAINS MAY RENDER THIS VALUABLE RESOURCE UNFIT FOR HUMAN CONSUMPTION WITH SOLVENTS, OILS, AND OTHER TOXIC A
TERIALS. PROTECTION OF SURFACE AND GROUNDWATERS IN SUFFOLK COUNTY FROM INDUSTRIAL POLLUTION IS PROVIDED FOR BY THE
NVIRONMENTAL CONSERVATION LAW, THE SUFFOLK COUNTY SANITARY CODE, AND THE NEW YORK STATE NAVIGATION LAW.
NOTE, THE ITEMS CHECKED BELOW ARE VIOLATIONS, OF ONE OR MORE OF THE ABOVE CODES OR LAWS, WHICH WERE FOUND ON THIS D
AT YOUR FACILITY. SINCE THESE VIOLATIONS MAY RESULT IN LEGAL ACTION IT IS IMPERATIVE THAT IMMEDIATE CORRECTIVE ACTION B
BY YOUR FACILITY.

ITEM		DATE CORRECTED
1.	DISCHARGING INDUSTRIAL WASTE WITHOUT A VALID STATE POLLUTANT DISCHARGE ELLIMINATION SYSTEM (SPDES) PERMIT. (CORRECTIVE ACTION - "A" OR "B") (A) CEASE ALL DISCHARGE. INITIATE A CLOSED LOOP SYSTEM OF OPERATION AT YOUR FACILITY. ANY WASTE GENERATED TO BE HELD AND HAULED BY A LICENSED INDUSTRIAL WASTE SCAVENGER. OBTAIN AN INDUSTRIAL WASTE HOLDING PERMIT. (B) IF YOU WISH TO MAINTAIN AN INDUSTRIAL DISCHARGE: 1. THE DISCHARGE MUST BE TREATED IF NECESSARY TO MEET N.Y. STATE EFFLUENT STANDARDS. 2. APPLY FOR AND OBTAIN A SPDES PERMIT. ALL FOUR COPIES OF PERMIT APPLICATION TO BE FILLED OUT AND SUBMITTED WITHIN 30 DAYS. ALSO INCLUDE A PLOT PLAN SHOWING ALL PLANT DISCHARGES AND POINTS TO WHERE ALL DISCHARGES ARE ROUTED. (CESSPOOLS, STORM DRAINS, ETC.)	
2.	STORING OR HOLDING INDUSTRIAL WASTE WITHOUT A VALID INDUSTRIAL WASTE STORAGE PERMIT. (CORRECTIVE ACTION - APPLY FOR AND OBTAIN AN INDUSTRIAL WASTE STORAGE PERMIT.)	
3.	RELEASING TOXIC OR HAZARDOUS WASTES TO ANYONE OTHER THAN A LICENSED INDUSTRIAL WASTE SCAVENGER. (CORRECTIVE ACTION - OBTAIN THE SERVICES OF A LICENSED INDUSTRIAL WASTE SCAVENGER AND NOTIFY THIS DEPARTMENT, IN WRITING, WITHIN 14 DAYS OF SCAVENGER SELECTED.	
4.	PICKING UP, TRANSPORTING, OR DISPOSING OF TOXIC OR HAZARDOUS WASTE WITHOUT A VALID N.Y. STATE INDUSTRIAL WASTE COLLECTOR REGISTRATION.	
5.	SCAVENGER PICK UP RECEIPTS NOT AVAILABLE AT TIME OF INSPECTION. (CORRECTIVE ACTION - SCAVENGER PICK UP RECEIPTS LISTING VOLUME, TYPE OF MATERIAL PICKED UP, AND DATE OF PICK UP MUST BE KEPT ON THE PREMISES AND MADE AVAILABLE TO REPRESENTATIVES OF THIS DEPARTMENT UPON REQUEST.)	
6.	FAILURE TO REPORT A TOXIC OR HAZARDOUS MATERIAL SPILL WITHIN 2 HOURS OF SPILL DETECTION. (ANY UNAUTHORIZED DISCHARGE, SPILL OR RECOGNIZABLE LOSS OF TOXIC OR HAZARDOUS WASTE SHALL BE REPORTED TO THE SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES, AND ANY OTHER REQUIRED AGENCY, WITHIN 2 HOURS OF SPILL DETECTION.)	
7.	STORAGE; ✓ DRUMS, _____ TANKS, _____ CONTAINERS, USED FOR THE STORAGE OR HANDLING OF TOXIC OR HAZARDOUS WASTE FOUND:	
✓	(A) NOT STORED IN A WAY THAT WILL PREVENT THE RELEASE OF THE CONTENTS OF THE CONTAINERS TO THE GROUND OR SURFACE WATERS.	
✓	(B) NOT STORED INDOORS. (NOTE- IF INDOOR STORAGE IS PROHIBITED BY PERTINENT FIRE REGULATIONS THEN SUCH PROHIBITION SHOULD BE SUBMITTED TO THIS DEPARTMENT, IN WRITING, SIGNED BY THE LOCAL FIRE COMMISSIONER.)	
✓	(C) NOT STORED ON AN IMPERVIOUS, CHEMICAL RESISTANT SURFACE COMPATIBLE WITH THE MATERIAL BEING STORED.	
✓	(D) STORAGE AREA NOT COMPLETELY ENCLOSED WITH A PERMANENT DIKE OF IMPERMEABLE CONSTRUCTION, AND CAPABLE OF PROVIDING A SPILL CONTAINMENT CAPACITY OF 110% OF THE VOLUME OF STORED MATERIAL.	
✓	(E) NOT STORED PROTECTED FROM VANDALISM, UNAUTHORIZED ACCESS AND / OR RUSTING, FREEZING, AND OTHER WEATHER RELATED DAMAGE.	

Drums stored outside in violation of Article 12 of Sanitary code. These violations are being addressed in current order

Plot plan submitted + attached (Outdoor storage tanks)

ON GRANTED BY THIS FACILITY TO THE SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES TO CONDUCT ROUTINE SAMPLING OF S[illegible] DRAINS, AND OTHER DISCHARGE POINTS AT THE FACILITY ? _____ YES. _____ NO.

[illegible] SCHEDULED ON OR AFTER _____. FAILURE TO COMPLY WITH SATISFACTORY CONDITIONS BY REINSPECTION DATE IN A HEARING AND / OR FINE.

[illegible] _____ INSPECTOR

H2M Corp.
LZMACHER, McLENDON and MURRELL, P.C.
CONSULTING ENGINEERS, ENVIRONMENTAL SCIENTISTS and PLANNERS
575 BROAD HOLLOW ROAD, MELVILLE, NY 11747 (516) 694-3040
125 BAYLIS ROAD, MELVILLE, NY 11747 (516) 752-9060
375 FULTON STREET, FARMINGDALE, NY 11735 (516) 694-3410
209 WEST MAIN STREET, RIVERHEAD, NY 11901 (516) 727-3480
TELECOPIER dex 4100 (516) 752-9067

ROBERT G. HOLZMACHER, P.E., P.P., L.S.
SAMUEL C. McLENDON, P.E.
NORMAN E. MURRELL, P.E.
HAROLD A. DOMBECK, P.E.
HUGO D. FREUDENTHAL, Ph. D.
CARL E. BECKER, P.E.
JOHN J. MOLLOY, P.E.
DONALD A. SIOSS, P.E.
GARY E. LOESCH, P.E.
BRIJ M. SHRIVASTAVA, P.E.
CHARLES E. BANKS, P.E.

February 18, 1981

Mr. Roy Gilbert
Suffolk County
Dept. of Health Services
65 Jetson Lane
Hauppauge, New York 11787

Re: Pride Solvents & Chemicals Co., Inc.
Compliance Schedule

Dear Mr. Gilbert:

Please be advised that we have been proceeding along with our compliance schedule with your Department. However, the method we have utilized has not fallen in line with the manner in which the order was originally drawn. Therefore, we respectfully request a modification in our compliance schedule to reflect the modified approach taken.

Early on discussions with Pride Solvents showed that an increase in available storage space was necessary in order to achieve compliance with Article XII. It was decided to pursue purchase of the adjoining property on the south side on their existing operations. This approach was followed through and the building purchased.

Additionally, modifications were immediately instituted to revise existing drum storage so as to comply with the intent of Article XII, e.g., drums are now stored no more than two high. Moreover, the first item on the order has been completed, i.e., filing for the appropriate Part 360 permits.

Since there are materials currently stored outdoors, which without extraordinary internal design modifications cannot be stored inside due to combustibility, provisions must be made for outside storage which is protected from precipitation. A preliminary plan has been developed and submitted to the Town by Pride's architect, Vincent Sotis, R.A., to accomplish this objective. Approval of this plan by the Town Building Department is

necessary before we can move forward on your compliance schedule. This would therefore constitute the first item on the revised order.

The Town has raised questions regarding the need to provide the proposed enclosure and additionally raised questions regarding the possible requirement for submission of an environmental impact statement. My letter of February 3, 1981 (copy attached), addressed their first concern and we are currently checking into the record. Essentially we are presently being delayed now at the Town level. We anticipate that we should be in a position within the next two to three weeks to have direction on local developments. As soon as this is accomplished, we will provide your office with a proposed modification to their compliance schedule.

If you have any questions, please give me a call.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

John J. Molloy, P.E.

JJM/jj

cc: Mr. Steven Costa, P.E.
Mr. Robert Gadue
Murray Goldberg, Esq.

February 3, 1981

Mr. Robert Gadue
Pride Solvents & Chemicals Co., Inc.
88 Lamar Street
West Babylon, N.Y. 11704

Re: Storage of Hazardous Materials
Suffolk County Article XII

Dear Mr. Gadue:

Please be advised that I recently met with Mr. Steven Costa, P.E. of the Suffolk County Department of Health Services regarding Article XII as it applies to your facility. As you are aware, this provision of local law applies to storage (both drums and bulk) of hazardous materials.

Based upon my conversations with him, if you desire to store materials (drums) outside, these products should be protected from the elements. An enclosure plan as you have been discussing with your architect is the only viable approach. It is suggested that your architect present the preliminary plan to the Town Building Department for their review. Clearance from the Town is necessary so that we can proceed with our schedule with the County. Again, in order to store your products out of doors, an enclosure is required. Additionally, it will also be required to provide details on berming and containment when the plans are presented to the County.

If you have any questions or comments, please call or write this office.

Very truly yours,

HOLZMACHER, McLENDON & MURRELL, P.C.

John J. Molloy, P.E.

JJM:vm
cc: Mr. Steven Costa, P.E.
Murray Goldberg, Esq.

SOLVENTS AND CHEMICAL CO. INC.

88 LAMAR STREET • WEST BABYLON, NEW YORK

(516) 643-4800 • (212) E

December 5, 1980

To Our Valued Customers:

I am sure you are aware of the EPA position on the generation, storage and transportation of hazardous wastes and the current enforcement policies, under RCRA.

As a generator you have the responsibility to assure that your waste is disposed of in a proper manner according to current legislation. Our intent is to protect our customers as well as ourselves and our policies are designed to accomplish this end.

The cost today to dispose of non-reclaimable waste ranges from $75.00 to $200.00 per drum. This cost plus the potential penalties under the law dictate a policy that by its very nature must be restrictive.

We have determined that to operate within the confines of the law and our own insurance requirements we must abide by the guidelines detailed below.

1. As a service to our customers we will handle spent Chlorinated solvents only.
2. Spent solvents must be of a single product, mixtures will not be accepted.
3. Spent solvents must have a reclamation value of at least fifty percent (50%); your Pride Salesman will be happy to instruct you in the proceedures for checking reclamation values.
4. Spent solvents must be in full drums and the drums must be in a condition acceptable for DOT common carrier transport; you may use your own drums in good condition or Pride will supply reconditioned drums at $14.00 each.
5. All drums accepted for transport must be labeled and have documentation as prescribed by EPA and DOT regulations.

SOLVENTS AND CHEMICAL CO. INC.

63 LAMAR STREET • WEST BABYLON, NEW YORK 11
(516) 643-4800 • (212) 895-0

6. All spent solvents transported by Pride will be checked at our terminal to assure conformance to the conditions out lined above; any product that is found to violate our policy will be returned to the generator at a minimum fee of $25.00 per drum to cover freight and handling cost.

7. The State of New Jersey has announced that within their State there shall not be a small generator exemption; therefore all New Jersey generators must manifest their wastes according to RCRA regulations and have a valid EPA identification number.

8. To date the State of New York has not announced their position on small generators and in the absence of action by New York the Federal exemption of 1000 kilograms per month is in effect; it is our feeling that New York will announce an exemption that is less (more stringent) than the Federal exemption.

9. Those New York generators who have determined their exemption are requested to complete the attached forms for our records.

Your assistance and understanding in the implementation of our policies will be appreciated. The information contained herein is to the best of our knowledge at this point in time; it is understood that Pride Solvents & Chemical Company is not engaged herein in rendering legal or technical service or advice.

Very truly yours,

Arthur W. Dhom

Arthur W. Dhom
President

AWD:lp

PLEASE NOTE!

DRUMS MUST BE FULL (2" FROM THE TOP), IN GOOD CONDITION AND PROPERLY SEALED. GENERATOR'S NAME AND CONTENTS OF DRUM MUST BE LABELED ON THE DRUM. (CHLOROTHENE NU AS WASTE IS CALLED 1,1,1 TRICHLOROETHANE HAZARDOUS WASTE MATERIAL.)

DISTRIBUTORS FOR:

Dow Chemical • DuPont • Eastman Chemical • Exxon Chemical • Jefferson Chemical • Shell Chemical

APPENDIX C

APPENDIX C
UPDATED NEW YORK STATE REGISTRY FORM

HAZARDOUS WASTE DISPOSAL SITES REPORT
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Code: _____

Site Code: 152025

Name of Site: Pride Solvents and Chemical Co. **Region:** 1

County: Suffolk **Town/City** West Babylon

Street Address 88 Lamar St.

Status of Site Narrative:

The site consists of 2 buildings containing offices and drum storage. Sixteen underground storage tanks and 13 above ground storage tanks exist on site. These tanks store flammable, non-flammable and combustible solvents for repacking and distribution. Hazardous substances have been found to be discharged into storm drains and leaking from underground tanks. Soils underlying the site and ground water downgradient of the site have potentially been contaminated.

Type of Site: Open Dump ☐ Treatment Pond(s) ☐ Number of Ponds _____
Landfill ☐ Lagoon(s) ☐ Number of Lagoons _____
Structure ☒

Estimated Size 1 Acres

Hazardous Wastes Disposed? Confirmed ☒ Suspected ☐

*Type and Quantity of Hazardous Wastes:

TYPE	QUANTITY (Pounds, drums, tons, gallons)
Organic solvents	
Heavy metals	unknown

* Use additional sheets if more space is needed.

Name of Current Owner of Site: Arthur Dohm, President

Address of Current Owner of Site: 88 Lamar St., W. Babylon, NY 11704

Time Period Site Was Used for Hazardous Waste Disposal:

_____, 19 79 To present , 19 ____

Is site Active ☒ Inactive ☐
(Site is inactive if hazardous wastes were disposed of at this site and site was closed prior to August 25, 1979)

Types of Samples: Air ☐ Groundwater ☒ None ☐
Surface Water ☐ Soil ☐

Remedial Action: Proposed ☒ Under Design ☐
In Progress ☐ Completed ☐
Nature of Action: unknown

Status of Legal Action: Notice of Formal Hearing State ☒ Federal ☐

Permits Issued: Federal ☐ Local Government ☐ SPDES ☒
Solid Waste ☐ Mined Land ☐ Wetlands ☐ Other ☐

Assessment of Environmental Problems:

Soils and ground water potentially contaminated from discharge of hazardous chemicals into storm drain and leaking underground tank.

Assessment of Health Problems:

Possible contamination of drinking water in wells downgradient of site.

Persons Completing this Form:

A.J. Scacifero

Woodward-Clyde Consultants

8/29/83

New York State Department of Environmental Conservation

Date

New York State Department of Health

6/3/81
RPM:cl