

FILE

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-7010



Langdon Marsh
Acting Commissioner

JUN 7 1994

Ms. Jeanne M. Fox
Regional Administrator
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, NY 10278

Re: Notice of Intent to Delete
Tronic Plating ID No. 152028

Dear Ms. Fox:

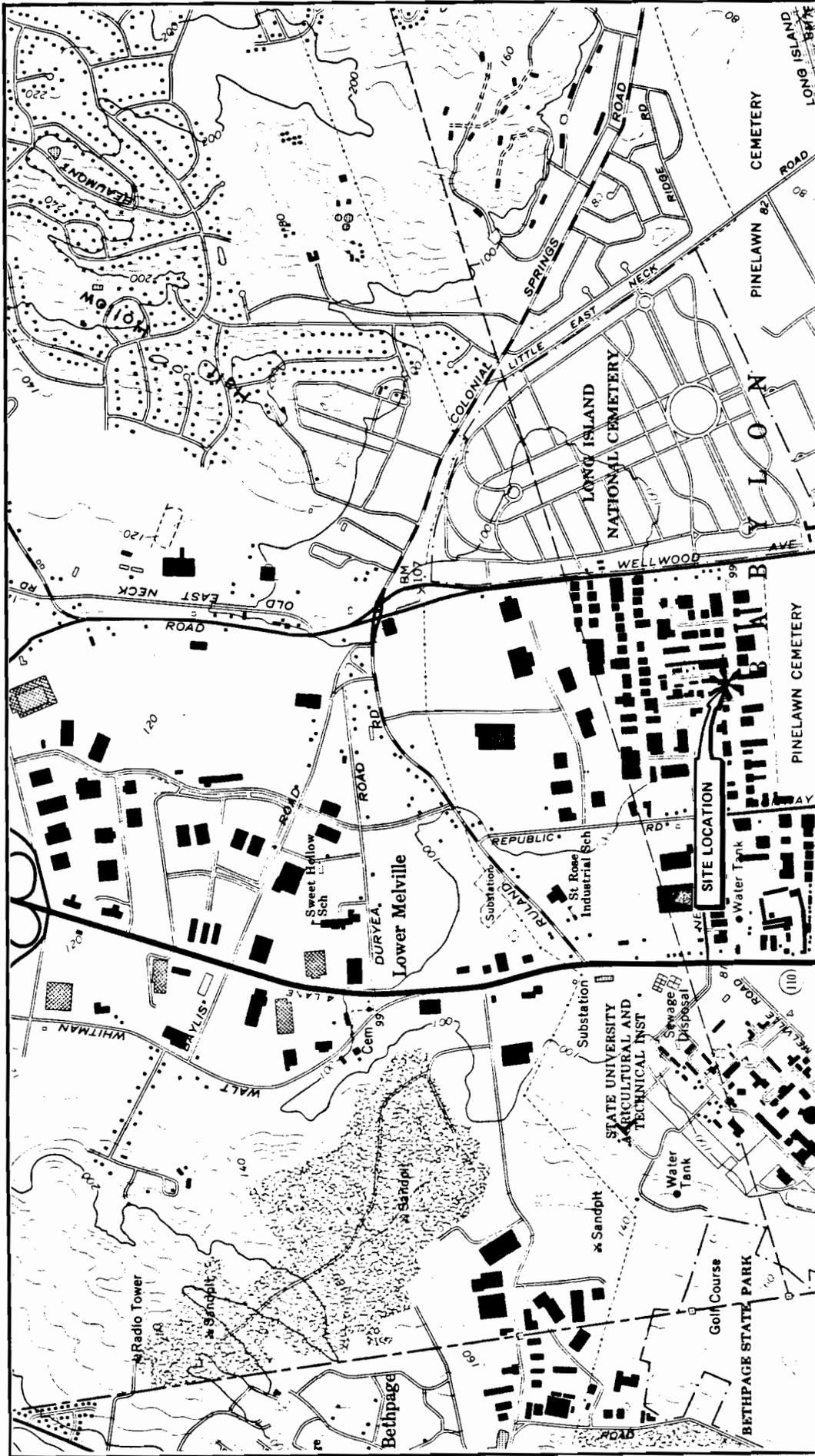
The New York State Department of Environmental Conservation (NYSDEC), in conjunction with the New York State Department of Health, has reviewed the draft Notice of Intent to Delete (NOID) document for the Tronic Plating Co. site and concurs with the decision to delete this site from the National Priorities List of Federal Superfund sites.

As a matter of clarity, it would be appreciated if the final NOID incorporated the fact that this site is currently listed as a Class 4 site on the NYSDEC's Registry of Inactive Hazardous Waste Sites. As such, the site will undergo a monitoring program until the effectiveness of the remedy is proven.

Please contact Mr. Jonathan Greco, project manager for this site, if you should have any questions regarding this matter at (518) 457-3976.

Sincerely,

Ann Hill DeBarbieri
Deputy Commissioner
Office of Environmental Remediation



NOTE: BASE MAP FROM USGS, HUNTINGTON QUAD, 1979



SITE LOCATION MAP
TRONIC PLATING COMPANY

WOODWARD—CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS
WAYNE, NEW JERSEY

DR. BY:	CIG	SCALE: 1 IN. = 2000 FT	PROJ. NO.: 82C4548-14
CK'D. BY:	AJS	DATE: 31 AUGUST 1983	FIG. NO.: 1

TRONIC PLATING COMPANY, INC.
Farmingdale, Suffolk County, New York

Tronic Plating Company, Inc. is located at 168 Central Avenue in Farmingdale, New York. The site is located in southwestern Suffolk County, approximately 1½ miles east of the Nassau County line. Tronic Plating Co., Inc. currently occupies the southeast corner of a long building in an industrial park area. The site presently consists of the building, 2 inside above ground waste storage tanks, 4 below ground leaching pools, and a storm drain in the paved area to the northeast of the building. The site is approximately ½ acre in size.

The site of the Tronic Plating Company, Inc. 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 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. Large cemeteries are located to the south and east of the site vicinity.

Groundwater is the only water supply in the area, and is the major route of concern.

Tronic Plating Company, Inc. is an active electroplating and anodizing facility which performs industrial plating for the electronics industry. State and County authorities have determined that hazardous wastes consisting primarily of heavy metals were discharged from storage tanks and leaching pools on the site.

Tronic Plating Company, Inc. has operated continuously from July 1968 to the present. A State Pollution Discharge Elimination System (SPDES) permit was issued to Tronic Plating Company on April 1, 1980. In June 1980, a consent order was issued to Tronic Plating Co., Inc. for discharging industrial wastes to the groundwater from leaching pools. Tronic Plating Co., Inc. agreed to obtain a part 360 permit and clean out the leaching pools. As of January 1983, a 360 permit has not been obtained. The leaching basin was found to be contaminated with copper, silver, iron, zinc, lead, and cadmium. Also heavy metal contamination was detected in a storm drain located northeast of the building.

Important Message

for <i>you</i>										
Date <i>6/8</i>	Time <i>11:00</i>	AM PM								
<i>While You Were Away</i>										
Name <i>Mr. Sakerbergs</i>										
Of <i>Woodward-Clyde</i>										
Phone No. <i>201-785-0700</i>										
<table border="1"><tr><td><input type="checkbox"/> Telephoned You</td><td><input checked="" type="checkbox"/> Please Phone Him/Her</td></tr><tr><td><input type="checkbox"/> Visited You</td><td><input type="checkbox"/> Will Phone Again</td></tr><tr><td><input type="checkbox"/> Wants To See You</td><td><input type="checkbox"/> Will Visit Again</td></tr><tr><td><input type="checkbox"/> Urgent</td><td><input type="checkbox"/> _____</td></tr></table>			<input type="checkbox"/> Telephoned You	<input checked="" type="checkbox"/> Please Phone Him/Her	<input type="checkbox"/> Visited You	<input type="checkbox"/> Will Phone Again	<input type="checkbox"/> Wants To See You	<input type="checkbox"/> Will Visit Again	<input type="checkbox"/> Urgent	<input type="checkbox"/> _____
<input type="checkbox"/> Telephoned You	<input checked="" type="checkbox"/> Please Phone Him/Her									
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<input type="checkbox"/> Wants To See You	<input type="checkbox"/> Will Visit Again									
<input type="checkbox"/> Urgent	<input type="checkbox"/> _____									
Message: _____ _____ _____										
00-12-60	Signed <i>[Signature]</i>									

Facility Name: Tronic Plating Co., Inc.

Location: 168 Central Ave., Farmingdale, NY

EPA Region: II

Person(s) in Charge of the Facility: _____

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.)

Areas of concern include inside above ground waste storage tanks,
below ground pit and outside leaching pools. Hazardous materials
of concern include heavy metals from rinse tanks. The major route
of concern is ground water, with a score of 71.97.

Scores: $S_M = 41.60$ ($S_{GW} = 71.97$ $S_{SW} = 0.0$ $S_a = 0.0$)

$S_{FE} = N/A$

$S_{DC} = 12.50$

GROUND WATER ROUTE WORK SHEET

Rating Factor	Assigned Value (Circle One)	Multi-plier	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	15	18	
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8		1	8	8	
Total Waste Characteristics Score			23	28		
5 Targets					3.5	
Ground Water Use	0 1 2 3		3	6	9	
Distance to Nearest Well/Population Served	0 4 8 8 10 12 16 18 20 24 30 32 35 40		1	40	40	
Total Targets Score			46	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			41,262	57,330		
7 Divide line 6 by 57,330 and multiply by 100			S _{gw} = 71.97			

SURFACE WATER ROUTE WORK SHEET

Rating Factor	Assigned Value (Circle One)	Multi-plier	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	0	6	
Physical State	0 1 2 (3)	1	3	3	
Total Route Characteristics Score			5	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	15	18	
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 (8)	1	8	8	
Total Waste Characteristics Score			23	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} = 0.0					

AIR ROUTE WORK SHEET

Rating Factor	Assigned Value (Circle One)	Multi-plier	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})	71.97	5179.68
Surface Water Route Score (S _{sw})	0.0	0.0
Air Route Score (S _a)	0.0	0.0
$s_{gw}^2 + s_{sw}^2 + s_a^2$		5179.68
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2}$		71.97
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2} / 1.73$		S _M = 41.60

WORKSHEET FOR COMPUTING S_M

N/A

FIRE AND EXPLOSION WORK SHEET						
Rating Factor	Assigned Value (Circle One)		Multi-plier	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	1	3	8.2
3 Containment	0 15	1	15	15	8.3
4 Waste Characteristics Toxicity	0 1 2 3	5	15	15	8.4
5 Targets					8.5
Population Within a 1-Mile Radius	0 1 2 3 4 5	4	12	20	
Distance to a Critical Habitat	0 1 2 3	4	0	12	
Total Targets Score			12	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			2,700	21,000	
7 Divide line 6 by 21,000 and multiply by 100			SDC = 12.50		

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: Tronic Plating Company, Inc.

LOCATION: Farmingdale, New York

GROUND WATER ROUTE

I. OBSERVED RELEASE

Contaminants detected (5 maximum):

None known. No groundwater sampling conducted.

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 (Franke and McClymonds, 1972; Jensen and Soren, 1974).

Aquifers are hydraulically connected (Ref. 4)

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

31 ft. (Donaldson and Koszalka, 1979; USGS, 1979b).

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

13 ft. (Benson and Burns, 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:

Sandy loam (SCS, 1975).

Permeability associated with soil type:

10^{-3} cm/sec 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 (Benson and Burns, 1979).

3. CONTAINMENT

Containment

Method(s). of waste or leachate containment evaluated:

4 outside leaching pools; 1 inside holding pit; 2 above ground 4,000 gallon storage tanks; 1 100 gallon above ground tank; numerous small rinse tanks; 25 drums.

Method with highest score:

Surface impoundment: 3 (Benson and Burns, 1974).

4. WASTE CHARACTERISTICS

Toxicity and Persistence

Compound(s). evaluated:

	<u>Toxicity</u>	<u>Persistence</u>
Copper	1	3
Zinc	1	3
Silver	1	3
Iron	1	3
Lead	1	3
Cadmium	1	3
Cyanide	3	2

(Benson and Burns, 1974).

Compound with highest score:

Cyanide : 15 (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):

9 x 10⁶ gallons including contaminated soil.

Basics of estimating and/or computing waste quantity:

on 1,250,000 gallons per year water usage (Benson and Burns, 1974). and
 duration of 15 years of operation.

5. TARGETS

Ground Water Use

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

Public water supply, industrial and irrigation of lawns (cemeteries, golf courses). (NYSDEC, 1983a).

Distance to Nearest Well

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

222 Central Ave. (NYSDEC, 1983a).

Distance to above well or building:

1400 ft. (NYSDEC, 1983a).

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 South Huntington, Dix Hills, East Farmingdale Babylon and Plainview Water Districts. Population served are, 51,200, 30,000, 5,200, 377,000, 35,000 respectively. (SCDHS, 1983d; Rand McNally, 1980).

DAH: NYS Community Water System Sources

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 (SCDHS, 1983a).

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

About 498,000 (SCDHS, 1983a).

SURFACE WATER ROUTE

1. OBSERVED RELEASE

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

None known.

Rationale for attributing the contaminants to the facility:

N/A.

2. ROUTE CHARACTERISTICS

Facility Slope and Intervening Terrain

Average slope of facility in percent:

Less than 3 percent (WCC Site Survey, 1983).

Name/description of nearest downslope surface water:

Amityville Creek (USGS, 1979a).

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

Less than 1 percent (USGS, 1969).

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

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

Is the facility completely surrounded by areas of higher elevation?

No (WCC Site Survey, 1983).

1-Year 24-Hour Rainfall in Inches

2.7 inches (User's Manual).

Distance to Nearest Downslope Surface Water

4 miles (USGS, 1979a; USGS, 1979b).

Physical State of Waste

Liquid (Benson and Burns, 1974).

* * *

3. CONTAINMENT

Containment

Method(s) of waste or leachate containment evaluated:

See: Ground Water.

Method with highest score:

Surface impoundment : 3 (Benson and Burns, 1974).

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):

19 x 10⁶ gallons including contaminated soils

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, Division of Fish and Wildlife, 1975a).

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

None (NYSDEC, Division of Fish and Wildlife, 1975b).

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

None (NYSDEC, Division of Fish and Wildlife, 1983; U.S. 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

I. 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 sites:

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:

19 x 10⁶ gallons including contaminated soil

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:

<u>0 to 4 mi</u>	<u>0 to 1 mi</u>	<u>0 to 1/2 mi</u>	<u>0 to 1/4 mi</u>
157,031	1239	0	

(Donnelly Marketing, 1982).

Distance to a Sensitive Environment

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

None (NYSDEC, Division of Fish and Wildlife, 1975a).

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

None (NYSDEC, Division of Fish and Wildlife, 1975b).

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

None (NYSDEC, Division of Fish and Wildlife, 1983).

Land Use

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

Immediately adjacent to site (WCC Site Survey, 1983).

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

1.2 miles (USGS, 1979b).

Distance to residential area, if 2 miles or less:

0.5 miles (Donnelly Marketing, 1982).

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

None (NYS Department of Agriculture and Marketing, 1983).

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

None (NYS Department of Agriculture and Marketing, 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).



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

I. IDENTIFICATION

01 STATE NY 02 SITE NUMBER

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) <u>TRONIC PLATING COMPANY, INC.</u>		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER <u>168 CENTRAL AVE.</u>			
03 CITY <u>FARMINGDALE</u>		04 STATE <u>NY</u>	05 ZIP CODE <u>11735</u>	06 COUNTY <u>SUFFOLK</u>	07 COUNTY CODE <u>103</u>
08 COORDINATES LATITUDE <u>40 45 13.</u>		LONGITUDE <u>77 24 42.</u>		10 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN	

III. INSPECTION INFORMATION

01 DATE OF INSPECTION <u>7, 27, 83</u> MONTH DAY YEAR	02 SITE STATUS <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> INACTIVE	03 YEARS OF OPERATION <u>1965</u> <u>PRESENT</u> UNKNOWN BEGINNING YEAR ENDING YEAR
04 AGENCY PERFORMING INSPECTION (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR <input type="checkbox"/> E. STATE <input checked="" type="checkbox"/> F. STATE CONTRACTOR <u>Woodward-Clyde</u> <input type="checkbox"/> G. OTHER _____ <small>(Name of firm)</small> <small>(Specify)</small>		

05 CHIEF INSPECTOR <u>M. SWIENTONIEWSKI</u>	06 TITLE <u>ENGR.</u>	07 ORGANIZATION <u>IT CORP.</u>	08 TELEPHONE NO. <u>(615) 690-3211</u>
09 OTHER INSPECTORS <u>M. AKERBERG</u>	10 TITLE <u>SR. STAFF GEOLOGIST</u>	11 ORGANIZATION <u>WCC</u>	12 TELEPHONE NO. <u>(201) 785-0700</u>
			()
			()
			()
			()

13 SITE REPRESENTATIVES INTERVIEWED <u>NONE - DENIED ENTRY</u>	14 TITLE	15 ADDRESS	16 TELEPHONE NO. ()
<u>SITE SURVEY CONDUCTED FROM OFF-SITE</u>			()
			()
			()
			()
			()

17 ACCESS GAINED BY (Check one) <input type="checkbox"/> PERMISSION <input checked="" type="checkbox"/> WARRANT	18 TIME OF INSPECTION <u>0915</u>	19 WEATHER CONDITIONS <u>SUNNY - 85°F</u>
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IV. INFORMATION AVAILABLE FROM

01 CONTACT <u>WILLIAM ROBERTS</u>	02 OF (Agency/Organization) <u>SCDHS</u>	03 TELEPHONE NO. <u>(516) 451-4627</u>
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM <u>DONALD R. GANSEN</u>	05 AGENCY	06 ORGANIZATION <u>WCC</u>
07 TELEPHONE NO. <u>(201) 785-0700</u>	08 DATE <u>8, 2, 83</u> MONTH DAY YEAR	



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

I. IDENTIFICATION	
01 STATE NY	02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 A. GROUNDWATER CONTAMINATION 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
 03 POPULATION POTENTIALLY AFFECTED: 498,000 04 NARRATIVE DESCRIPTION
 LEACHING POOLS FOUND TO CONTAIN HEAVY METALS AT LEVELS ABOVE STANDARDS. LEACHATE HAS POTENTIAL FOR REACHING GROUND WATER AND MIGRATING DOWN GRADIENT.

01 B. SURFACE WATER CONTAMINATION 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
 03 POPULATION POTENTIALLY AFFECTED: UNKNOWN 04 NARRATIVE DESCRIPTION
 LEACHATE DISCHARGING INTO STORM DRAIN HAS POTENTIAL FOR ENTERING SURFACE WATER FROM OUTFLOW OF STORM DRAIN SYSTEM.

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

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

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

01 F. CONTAMINATION OF SOIL 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
 03 AREA POTENTIALLY AFFECTED: UNKNOWN 04 NARRATIVE DESCRIPTION
(Area)
 LEACHATE LEAKING FROM UNDERGROUND POOLS POTENTIAL FOR CONTAMINATING SOILS UNDER SITE.

01 G. DRINKING WATER CONTAMINATION 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
 03 POPULATION POTENTIALLY AFFECTED: 498,000 04 NARRATIVE DESCRIPTION
 LEACHATE HAS POTENTIAL FOR REACHING GROUND WATER AND ENTERING PUBLIC WATER SUPPLY DOWN GRADIENT OF SITE.

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

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



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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	

HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

J. DAMAGE TO FLORA
03 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include names) of species

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

L. CONTAMINATION OF FOOD CHAIN
4 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

M. UNSTABLE CONTAINMENT OF WASTES
(Spills, Runoff, Standing liquids, Leaking drums)
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

N. DAMAGE TO OFFSITE PROPERTY
24 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: _____) POTENTIAL ALLEGED

O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: 1982) POTENTIAL ALLEGED

HAZARDOUS WASTES FROM LEAKING TANKS ALLEGEDLY DISCHARGED INTO STORM DRAIN.

P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 OBSERVED (DATE: 1980) POTENTIAL ALLEGED

LEACHATE FROM LEAKING POOLS & TANKS AND DISCHARGE INTO STORM DRAIN ALLEGEDLY OCCURED.

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

III. TOTAL POPULATION POTENTIALLY AFFECTED: 498,000

IV. COMMENTS

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

SCDHS



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

I. IDENTIFICATION

01 STATE NY 02 SITE NUMBER

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED <small>(Check all that apply)</small>	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input type="checkbox"/> A. SPDES				
<input type="checkbox"/> B. UIC				
<input type="checkbox"/> C. AIR				
<input type="checkbox"/> D. RCRA				
<input type="checkbox"/> E. RCRA INTERIM STATUS				
<input type="checkbox"/> F. SPCC PLAN				
<input checked="" type="checkbox"/> G. STATE <small>(Specify)</small> <u>SPDES</u>	<u>NY0075574</u>	<u>7/27/80</u>	<u>4/1/85</u>	
<input type="checkbox"/> H. LOCAL <small>(Specify)</small>				
<input type="checkbox"/> I. OTHER <small>(Specify)</small>				
<input type="checkbox"/> J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL <small>(Check all that apply)</small>	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT <small>(Check all that apply)</small>	05 OTHER
<input checked="" type="checkbox"/> A. SURFACE IMPOUNDMENT	<u>4</u>		<input type="checkbox"/> A. INCINERATION	<input checked="" type="checkbox"/> A. BUILDINGS ON SITE
<input type="checkbox"/> B. PILES			<input type="checkbox"/> B. UNDERGROUND INJECTION	
<input checked="" type="checkbox"/> C. DRUMS, ABOVE GROUND	<u>25</u>		<input type="checkbox"/> C. CHEMICAL/PHYSICAL	06 AREA OF SITE <u>0.5</u> (Acres)
<input checked="" type="checkbox"/> D. TANK, ABOVE GROUND	<u>3</u>		<input type="checkbox"/> D. BIOLOGICAL	
<input checked="" type="checkbox"/> E. TANK, BELOW GROUND	<u>1</u>		<input type="checkbox"/> E. WASTE OIL PROCESSING	
<input type="checkbox"/> F. LANDFILL			<input type="checkbox"/> F. SOLVENT RECOVERY	
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY	
<input type="checkbox"/> H. OPEN DUMP			<input type="checkbox"/> H. OTHER <small>(Specify)</small>	
<input type="checkbox"/> I. OTHER <small>(Specify)</small>				

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.
6" BERM PROTECTING POOL IN CASE OF INPOOL TANK OR DRUM SPILL

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



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

I. IDENTIFICATION
 01 STATE: NY 02 SITE NUMBER: _____

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)		02 STATUS			03 DISTANCE TO SITE	
COMMUNITY	SURFACE A. <input type="checkbox"/>	WELL B. <input checked="" type="checkbox"/>	ENDANGERED A. <input checked="" type="checkbox"/>	AFFECTED B. <input type="checkbox"/>	MONITORED C. <input type="checkbox"/>	A. <u>0.8</u> (mi)
NON-COMMUNITY	C. <input type="checkbox"/>	D. <input type="checkbox"/>	D. <input type="checkbox"/>	E. <input type="checkbox"/>	F. <input type="checkbox"/>	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 (Other sources available) D. NOT USED, UNUSABLE

02 POPULATION SERVED BY GROUND WATER <u>46000</u>		03 DISTANCE TO NEAREST DRINKING WATER WELL <u>0.8</u> (mi)	
04 DEPTH TO GROUNDWATER <u>21</u> (ft)	05 DIRECTION OF GROUNDWATER FLOW <u>SOUTH EAST</u>	06 DEPTH TO AQUIFER OF CONCERN <u>0</u> (ft)	07 POTENTIAL YIELD OF AQUIFER _____ (gpd)
		08 SOLE SOURCE AQUIFER <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

09 DESCRIPTION OF WELLS (including usage, depth, and location relative to population and buildings)

PUBLIC WATER SUPPLY WELLS FOR E. FARMINGDALE, DIX HILLS, BABYLON, S. HUNTINGTON WATER DISTRICTS, NUMEROUS INDUSTRIAL WELLS, IRRIGATION OF CEMETERIES AND GOLF COURSES WITHIN 3 MILES OF SITE.

10 RECHARGE AREA	11 DISCHARGE AREA
<input type="checkbox"/> YES COMMENTS _____	<input type="checkbox"/> YES COMMENTS _____
<input type="checkbox"/> NO	<input type="checkbox"/> NO

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
<u>NONE KNOWN</u>	<input type="checkbox"/>	_____ (mi)
_____	<input type="checkbox"/>	_____ (mi)
_____	<input type="checkbox"/>	_____ (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN			02 DISTANCE TO NEAREST POPULATION
ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	<u>Four (4)</u> THREE (3) MILES OF SITE	<u>0.25</u> (mi)
A. <u>1239</u> NO. OF PERSONS	B. <u>10700</u> NO. OF PERSONS	C. <u>157031</u> NO. OF PERSONS	

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE <u>700-1000</u>	04 DISTANCE TO NEAREST OFF-SITE BUILDING <u>0</u> (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 IN INDUSTRIAL PARK AREA ALONG WITH NUMEROUS COMMERCIAL AND MANUFACTURING BUSINESSES. SURROUNDED BY CEMETERIES AND RESIDENTIAL AREAS.



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

I. IDENTIFICATION
01 STATE: NY 02 SITE NUMBER: _____

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^{-8} cm/sec) B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-8}$ cm/sec) C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK

1300 (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

_____ (ft)

05 SOIL pH

06 NET PRECIPITATION

15 (in)

07 ONE YEAR 24 HOUR RAINFALL

2.7 (in)

08 SLOPE

SITE SLOPE

< 3 %

DIRECTION OF SITE SLOPE

SOUTH

TERRAIN AVERAGE SLOPE

< 3 %

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)

ESTUARINE

A. _____ (mi)

OTHER

B. _____ (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

_____ (mi)

ENDANGERED SPECIES: _____

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

A. 0 (mi)

RESIDENTIAL AREAS, NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES

B. 1.2 (mi)

AGRICULTURAL LANDS
PRIME AG LAND AG LAND

C. _____ (mi) D. _____ (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

SITE IS IN PAVED AREA SURROUNDED BY OTHER BUILDINGS.
RELATIVELY FLAT TERRAIN

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

SCDHS



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

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDBATER		NONE	
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)

[Empty space for narrative description]

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

SCDHS



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

L IDENTIFICATION

01 STATE 02 SITE NUMBER

NY

II. CURRENT OWNER(S)				PARENT COMPANY (if applicable)			
01 NAME JERROLD ROTH, PRES.		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 168 CENTRAL AVE.			04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)			11 SIC CODE
05 CITY FARMINGDALE		06 STATE NY	07 ZIP CODE 11735	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)			11 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)			11 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)			11 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)			11 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
III. PREVIOUS OWNER(S) (List most recent first)				IV. REALTY OWNER(S) (if applicable, list most recent first)			
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
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)							
SCDHS							



**POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART B - OPERATOR INFORMATION**

I. IDENTIFICATION	
D1 STATE NY	D2 SITE NUMBER

II. CURRENT OPERATOR <small>(Provide if different from owner)</small>				OPERATOR'S PARENT COMPANY <small>(if applicable)</small>			
D1 NAME		D2 D+B NUMBER		D10 NAME		D11 D+B NUMBER	
D3 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		D4 SIC CODE		D12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		D13 SIC CODE	
D5 CITY		D6 STATE	D7 ZIP CODE	D14 CITY		D15 STATE	D16 ZIP CODE
D8 YEARS OF OPERATION		D9 NAME OF OWNER					
III. PREVIOUS OPERATOR(S) <small>(List most recent first, provide only if different from owner)</small>				PREVIOUS OPERATORS' PARENT COMPANIES <small>(if applicable)</small>			
D1 NAME		D2 D+B NUMBER		D10 NAME		D11 D+B NUMBER	
D3 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		D4 SIC CODE		D12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		D13 SIC CODE	
D5 CITY		D6 STATE	D7 ZIP CODE	D14 CITY		D15 STATE	D16 ZIP CODE
D8 YEARS OF OPERATION		D9 NAME OF OWNER DURING THIS PERIOD					
D1 NAME		D2 D+B NUMBER		D10 NAME		D11 D+B NUMBER	
D3 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		D4 SIC CODE		D12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		D13 SIC CODE	
D5 CITY		D6 STATE	D7 ZIP CODE	D14 CITY		D15 STATE	D16 ZIP CODE
D8 YEARS OF OPERATION		D9 NAME OF OWNER DURING THIS PERIOD					
D1 NAME		D2 D+B NUMBER		D10 NAME		D11 D+B NUMBER	
D3 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		D4 SIC CODE		D12 STREET ADDRESS <small>(P.O. Box, RFD #, etc.)</small>		D13 SIC CODE	
D5 CITY		D6 STATE	D7 ZIP CODE	D14 CITY		D15 STATE	D16 ZIP CODE
D8 YEARS OF OPERATION		D9 NAME OF OWNER DURING THIS PERIOD					
IV. SOURCES OF INFORMATION <small>(Cite specific references, e.g., state files, sample analysis, reports)</small>							



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

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

NY

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)



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

I IDENTIFICATION
01 STATE 02 SITE NUMBER
NY

PAST RESPONSE ACTIVITIES

<input type="checkbox"/> 01 A. WATER SUPPLY CLOSED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 D. SPILLED MATERIAL REMOVED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 E. CONTAMINATED SOIL REMOVED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 F. WASTE REPACKAGED 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 H. ON SITE BURIAL 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 K. IN SITU PHYSICAL TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 L. ENCAPSULATION 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 N. CUTOFF WALLS 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 O. EMERGENCY DRAINING/SURFACE WATER DIVERSION 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 P. CUTOFF TRENCHES/SUMP 04 DESCRIPTION	02 DATE _____	03 AGENCY _____
<input type="checkbox"/> 01 Q. SUBSURFACE CUTOFF WALL 04 DESCRIPTION	02 DATE _____	03 AGENCY _____



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

I IDENTIFICATION
01 STATE 02 SITE NUMBER

24

II PAST RESPONSE ACTIVITIES (Continued)

01 R. BARRIER WALLS CONSTRUCTED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

01 S. CAPPING/COVERING
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

01 T. BULK TANKAGE REPAIRED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

01 U. GROUT CURTAIN CONSTRUCTED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

01 V. BOTTOM SEALED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

01 W. GAS CONTROL
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

01 X. FIRE CONTROL
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

01 Y. LEACHATE TREATMENT
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

01 Z. AREA EVACUATED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

01 1. ACCESS TO SITE RESTRICTED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

01 2. POPULATION RELOCATED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

01 3. OTHER REMEDIAL ACTIVITIES
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

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



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

I IDENTIFICATION
01 STATE 02 SITE NUMBER

NY

II ENFORCEMENT INFORMATION

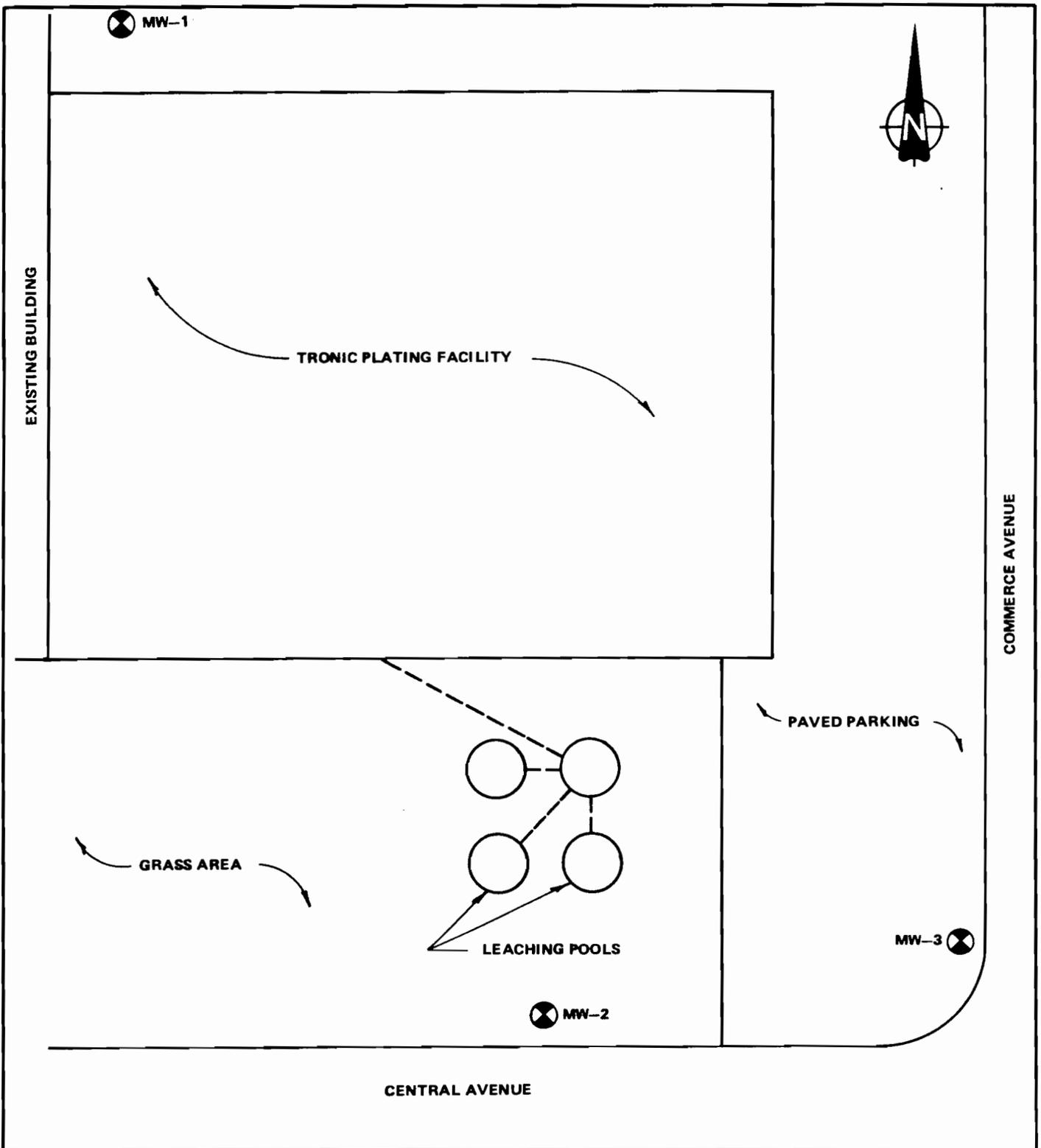
PAST REGULATORY/ENFORCEMENT ACTION YES NO

III DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

NYSDEC ORDER ON CONSENT FILE NO. 1-0607
ISSUED IN JUNE 1980 FOR VIOLATION OF ARTICLE 17
OF THE ENVIRONMENTAL CONSERVATION LAW.

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

SCDHS



LEGEND

 PROPOSED MONITORING WELL

NOTE:

DRAWING ADAPTED FROM BENSIN AND BURNS, 1974

**LOCATION PLAN
FOR PROPOSED PHASE II INVESTIGATION
TRONIC PLATING 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: 26 AUGUST 1983	FIG. NO.: 2

- Bensin and Burns Consulting Engineers, 1974, Tronic Plating Co., Inc., Waste Treatment System, Engineering Report, (LOCATION: SCDHS Files).
- Donaldson, C.D., and Koszalka, E.J., 1983, Water Table on Long Island, New York, March 1979, U.S. Geological Survey Open-File Report (82-163 Syossett, New York, (LOCATION: WCC Files).
- Donnelly Marketing, 1982, American Profile Information Retrieval System, based on 1980 Census Data, Stamford, Connecticut, (LOCATION: WCC Files).
- Franke, O.L. and McClymonds, N.E., 1972, Summary of the Hydrologic Situation on Long Island, New York, as a Guide to Water-Management Alternatives, U.S. Geological Survey Professional Paper 627-F, Washington, D.C., (LOCATION: WCC Files).
- Jensen, H.M. and Soren, 1974, Hydrogeology of Suffolk County, Long Island New York, U.S. Geological Survey Hydrologic Investigations Atlas HA-501, Washington, D.C., (LOCATION: WCC Files).
- Kimmel, G.E. and Braids, O.C., 1980, Leachate Plumes in Ground Water From Babylon and Islip Landfills, Long Island, New York, U.S. Geological Survey Professional Paper 1085, Washington, D.C., (LOCATION: WCC Files).
- NYS Department of Agriculture and Markets, 1983, Agricultural Districts Map, Division of Rural Affairs, (LOCATION: NYSDA&M/Albany Files).
- NYSDEC 1975a, Tidal Wetlands Maps of Suffolk County, Division of Fish and Wildlife, (LOCATION: NYSDEC/Region I Files).
- NYSDEC 1975b, Freshwater Wetlands Maps of Suffolk County, Central Islip Quad., Division of Fish and Wildlife, (LOCATION: NYSDEC/Albany Files)
- NYSDEC, 1980a, Order on Consent Issued to Tronic Plating Co. for Violation of Article 17 of the Environmental Conservation Law of the State of N.Y., File No. I-0607, (LOCATION: SCDHS Files).
- NYSDEC 1980B, SPDES Discharge Permit to Tronic Plating Co, NY-0075574, April 1, 1980 to April 1, 1985.
- NYSDEC 1983, Listing and Maps of Significant Habitats in Suffolk County, Division of Fish and Wildlife, Significant Habitats Unit, (LOCATION: NYSDEC Files/Albany).
- NYSDEC 1983a, Well Permits, (LOCATION: NYSDEC Files/Albany).
- NYS Parks and Recreation, 1983, Files of Suffolk County Historical Sites listed on State and Federal Registers, Division of Historic Preservation, (LOCATION: NYSP&R/Albany Files).

Rand McNally, 1980, Rand McNally Road Atlas, (LOCATION: WCC Files).

Sax, N.I. 1979, Dangerous Properties of Industrial Materials, Van Nostrand Reinhold, New York (LOCATION: WCC Files).

SCDHS, 1968, Letter to Tronic Plating for District Engineer, Paul A. Wingler dated July 5, 1968, (LOCATION: SCDHS Files).

SCDHS, 1979-1982, Notifications of Unsatisfactory Industrial Waste Sampling to Tronic Plating Co. on July 13, 1983, July 6, 1981, December 3, 1980, October 1, 1980, August 5, 1980, May 21, 1980, January 3, 1980, November 14, 1982, (LOCATION: SCDHS Files).

SCDHS, Analysis report of sample collected from "Storm drain northeast of rear door of Tronic" on August 25, 1982, (LOCATION: SCDHS Files).

SCDHS, Inspection Report of Tronic Plating Co., August 2, 1982 and January 24, 1983, (LOCATION: SCDHS Files).

SCDHS, 1983, SCDHS Files, (LOCATION: Hauppauge, N.Y.)

Soil Conservation Service, U.S. Department of Agriculture, 1975, Soil Survey of Suffolk County, New York, Washington, D.C., (LOCATION: WCC Files).

Taney, N.E., 1961, Geomorphology of the South Shore of Long Island, New York, Technical Memorandum No. 128, Beach Erosion Board, Corps of Engineers, Washington, D.C., (LOCATION: WCC Files).

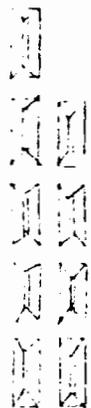
U.S. Fish and Wildlife Service, 1983, National Wildlife Refuges, A Visitor's Guide, (LOCATION: WCC Files).

U.S.G.S. 1979a, Amityville, N.Y. 7.5 minute Quadrangle (LOCATION: WCC Files).

U.S.G.S. 1979b, Huntington, N.Y. 7.5 minute Quadrangle, (LOCATION: WCC Files).

Woodward-Clyde Consultants 1983, Site Survey of Tronic Plating, conducted by H. Gold on April 22, 1983, (LOCATION: WCC Files).

18-10



EXISTING LEACHING POOLS

EXISTING LEACHING POOLS

A. BRADY
SCALE



REVISIONS

1

PLATING

PLOT PLAN
STAGE

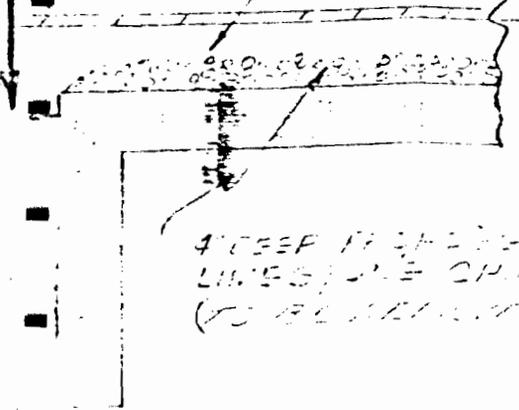
SCALE: DR. CH. DATE: DWG. NO.

BENSIN & BURNS
BETHPAGE, L. I., N. Y.

FILE NO. 2-15

LINE

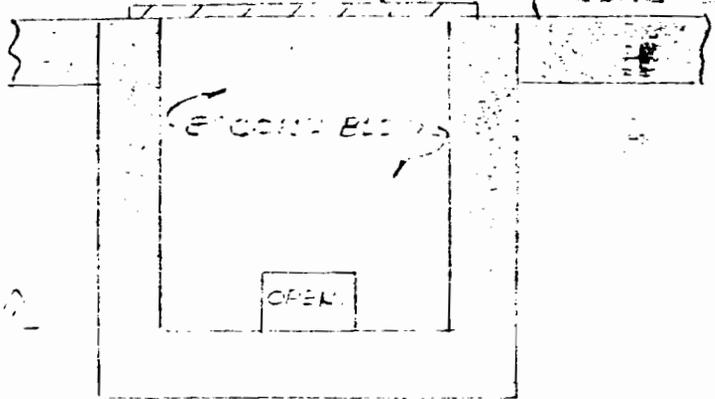
TOP FLOW



4" DEEP REINFORCED
LINES (SEE CHAS)
(TO BE REINFORCED)

1/4" THK ST-12

CONC SLAB



SECTION B-B

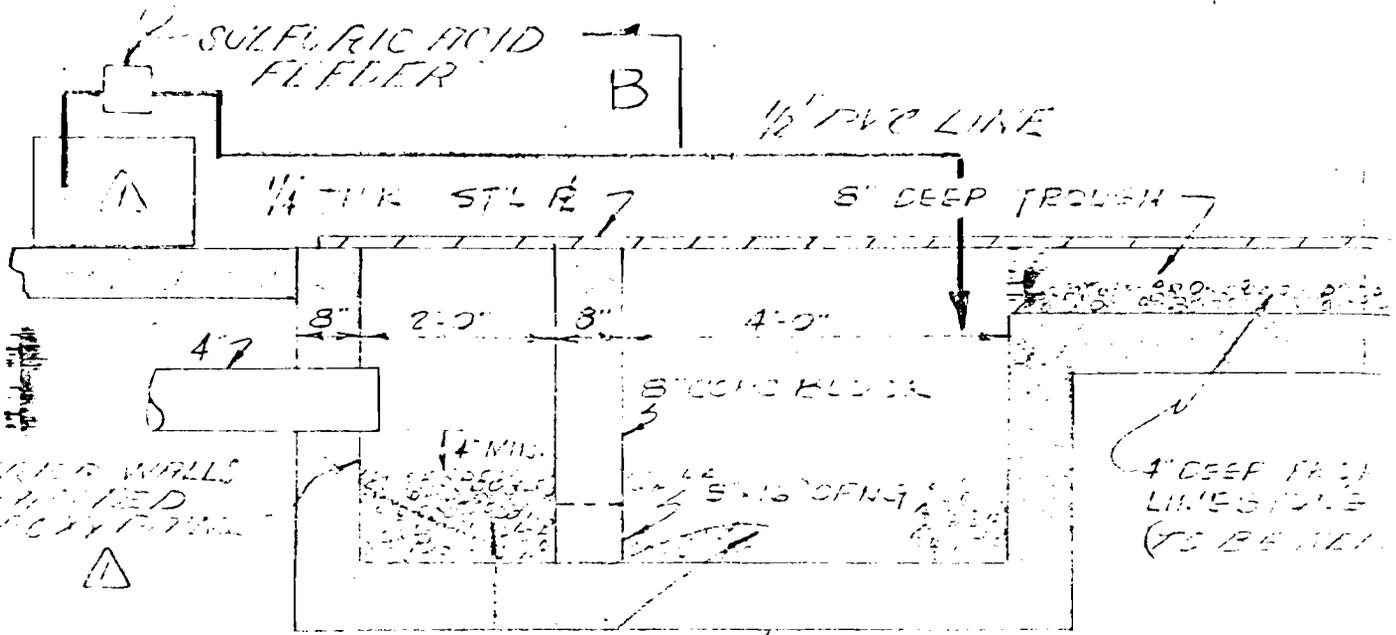
LINE

WATER HOLDING TANK

5' x 5' x 5'

24 GA W. A. PRINCE
5' x 5' x 5'



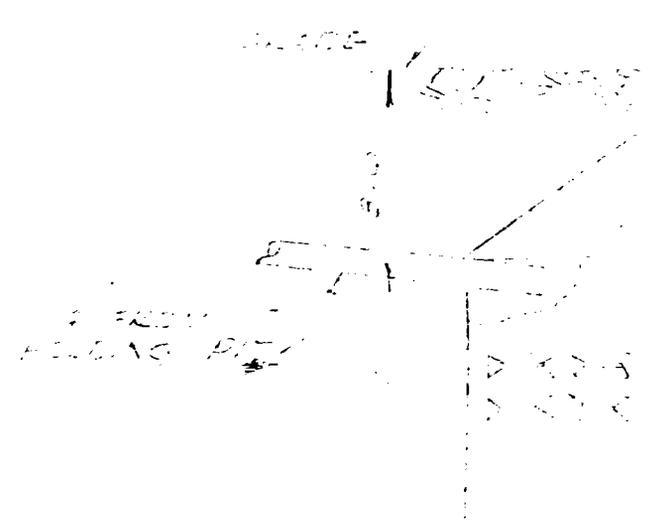


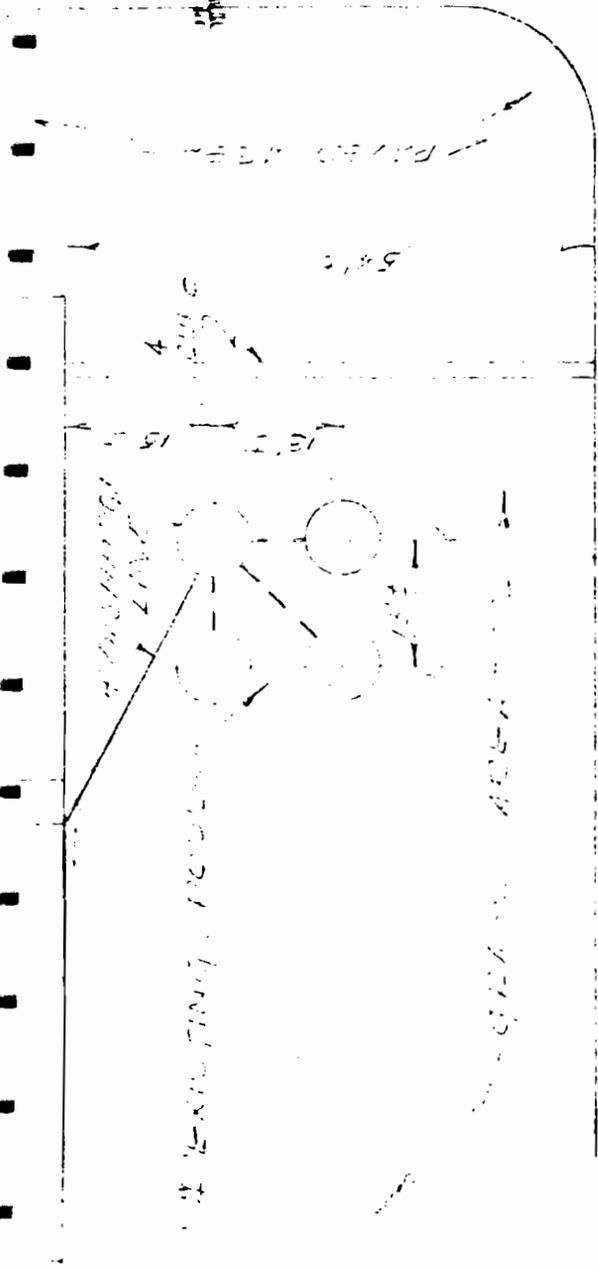
HYDROLYZED LIME
LIME IS TO BE REMOVED

B

SECTION A-A

EXISTING





CEN TRAL AVE

LOCATION PLAN

Submittal 1-25

INDICATES EXISTING ZONAL STATIC
RANGE TANK



INDICATES EXISTING ZONAL STATIC RANGE TANK

REVISIONS

REVISIONS

TUNIC PLATING N.Y.

PLATING AREA

SCALE: DR. E'S CH. DATE

DWG. NO.

BENSIN & BURNS
BIRTHPAGE, L. I., N. Y.

2

FILE NO. B-112

INDUSTRIAL DEPT.

- 1 - 50 GAL. RUNNING RINSE
- 2 - 90 GAL. RUNNING RINSE
- 3 - 350 GAL. ANODIZING (SULFURIC ACID)
ON
- 4 - 90 GAL. NITRIC DEGRUNT
- 5 - 60 GAL. CLEANER
- 6 - 300 GAL. HOT WATER SEAL
- 7 - 60 GAL. DIE
- 8 - 350 GAL. CADMIUM
- 9 - 60 GAL. COPPER
- 10 - 14 GAL. SOLDEIT
- 11 - 100 GAL. TIN
- 12 - 50 GAL. NICKEL
- 13 - 215 GAL. CHROME

PRECIOUS METAL DEPT.

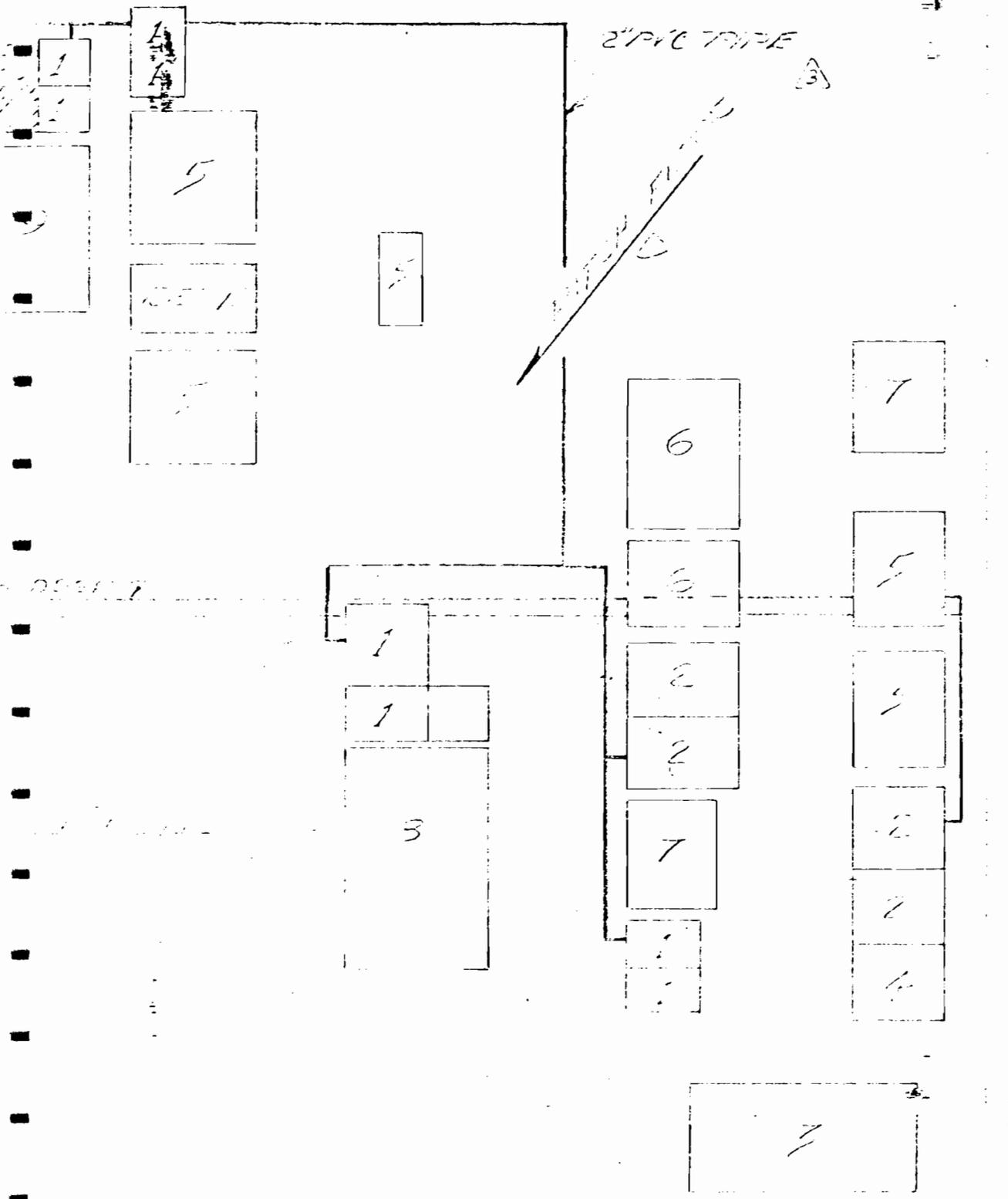
- 1 - 50 GAL. RUNNING WATER RINSE
- 2 - 60 GAL. COPPER
- 3 - 10 GAL. PALLADIUM
- 4 - 10 GAL. RHODIUM
- 5 - 10 GAL. GOLD
- 6 - 30 GAL. SILVER
- 7 - 60 GAL. SILVER STONE
- 8 - 200 GAL. SILVER

INDICATES EXISTING 200 LBS. 100 LBS. 50 LBS.

WIP PIT

3

EXIST. SEWAGE WATER
RINSE TANKS (TYP.)



1
2
3
4
5
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7
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12

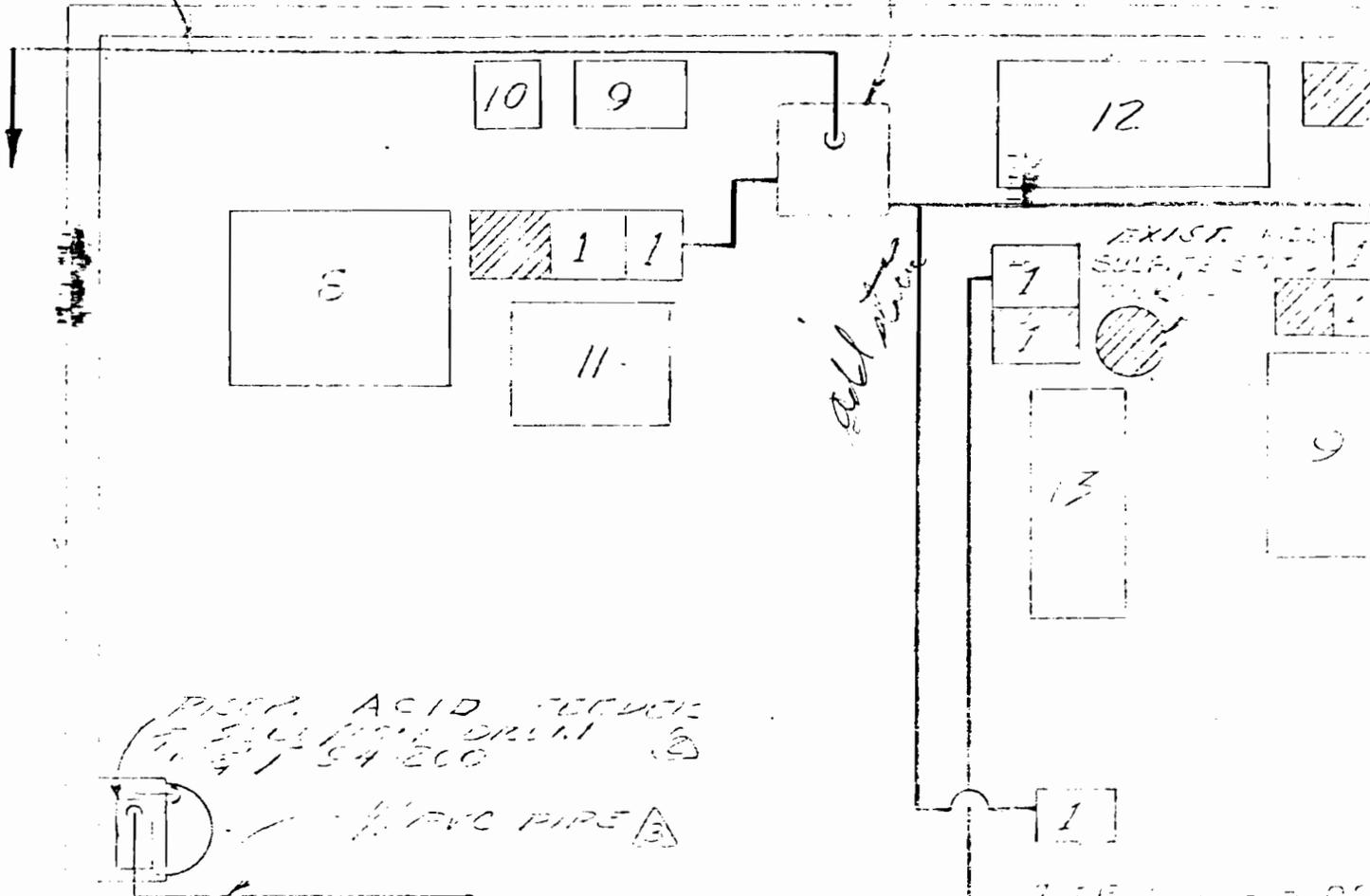
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12

1
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9
10
11
12

2" PVC DISCHARGE PIPE TO TREATMENT TANKS

PROPOSED SUMM AND PUMP

3



DISCH. ACID FEEDER (7" SCHEDULE 40 DRUM) 54200

1" PVC PIPE 3

WATER

INDUSTRIAL PROCESS

INDUSTRIAL



12

REVISIONS

TRONIC PLATING
ROCKAWAY DRIVES, N.Y.

DETAILS

SCALE: 1" = 1" DR. 1/16" CH.

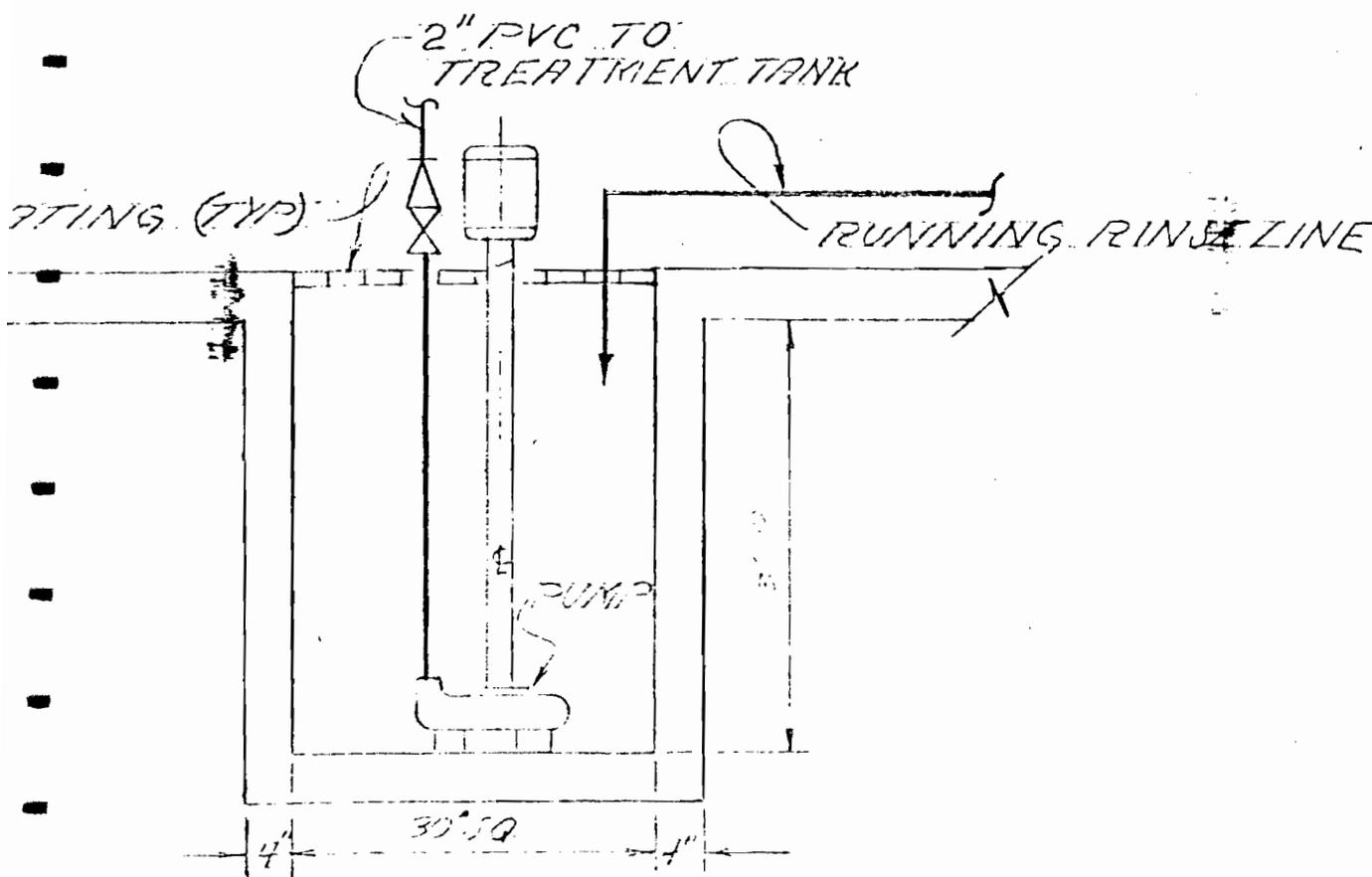
DATE: 3-30-44

DWG. NO.

3

BENSIN & BURNS

BETHPAGE, L. I., N. Y.



SUMP PIT
SCALE: 3/4" = 1'-0"

2'-0" SQ. HATCH (TYP)

9'-0"

3" SLUDGE DRAW-OFF (TYP)

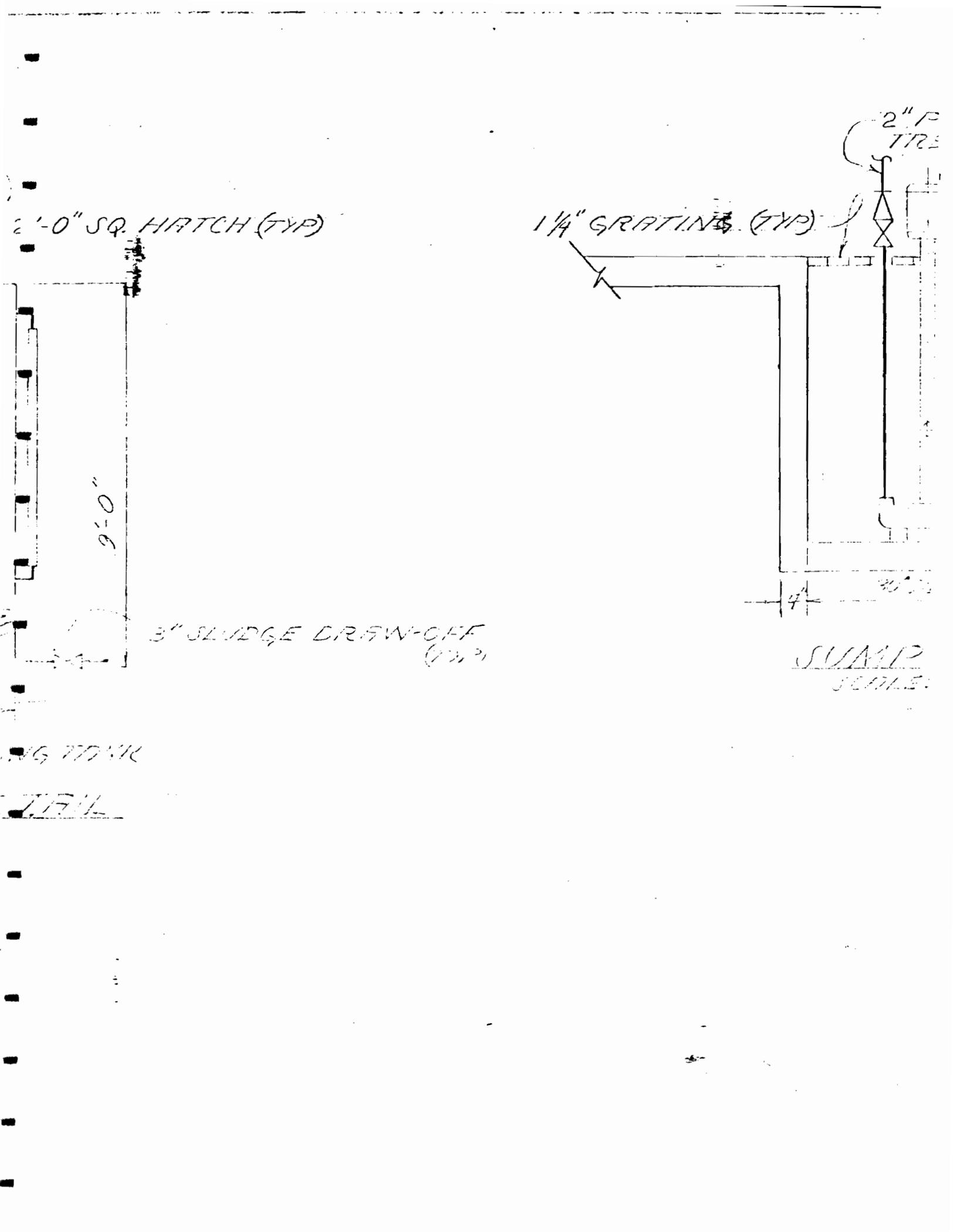
LONG TANK

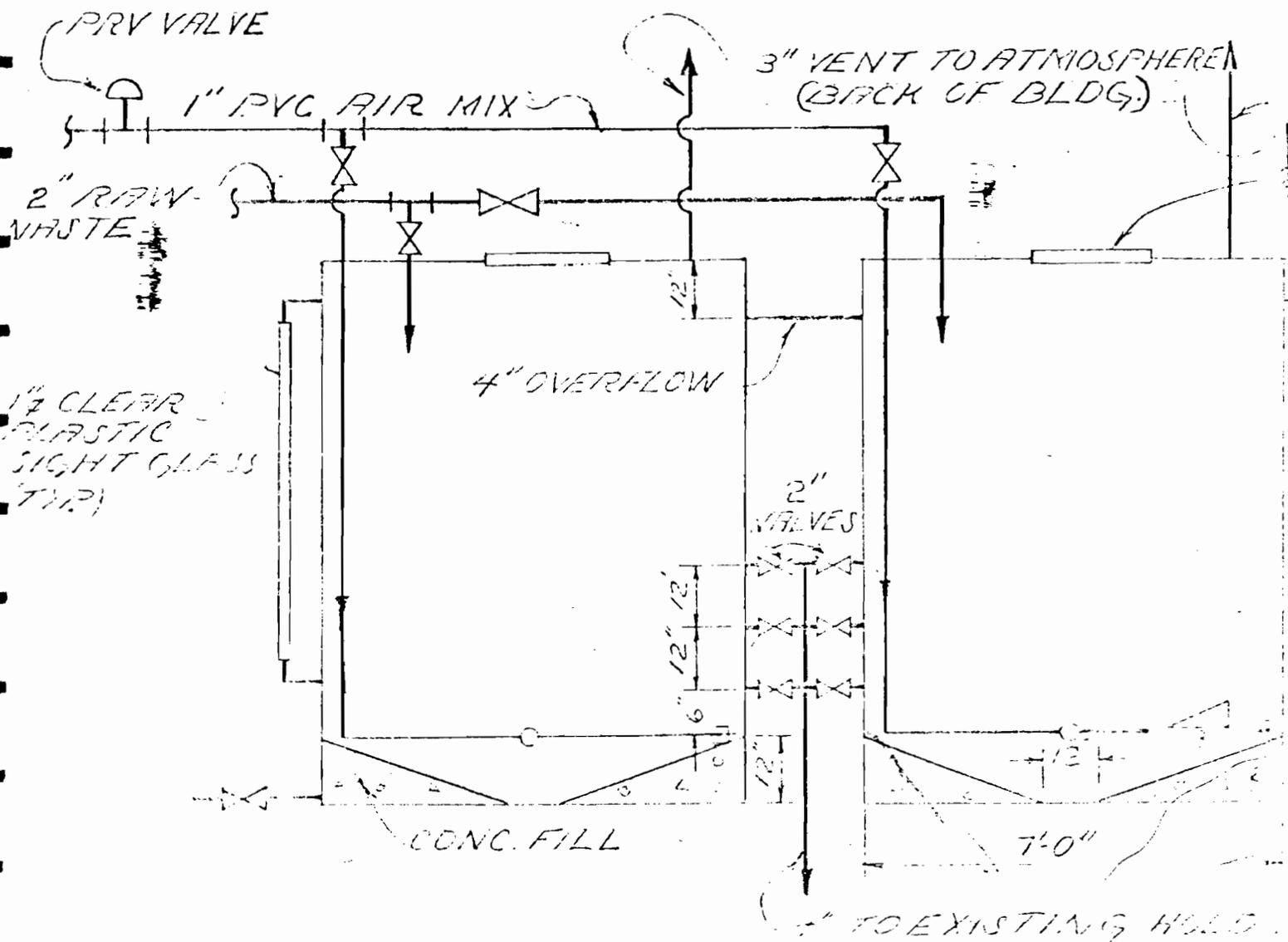
TRAIL

1/4" GRATINGS (TYP)

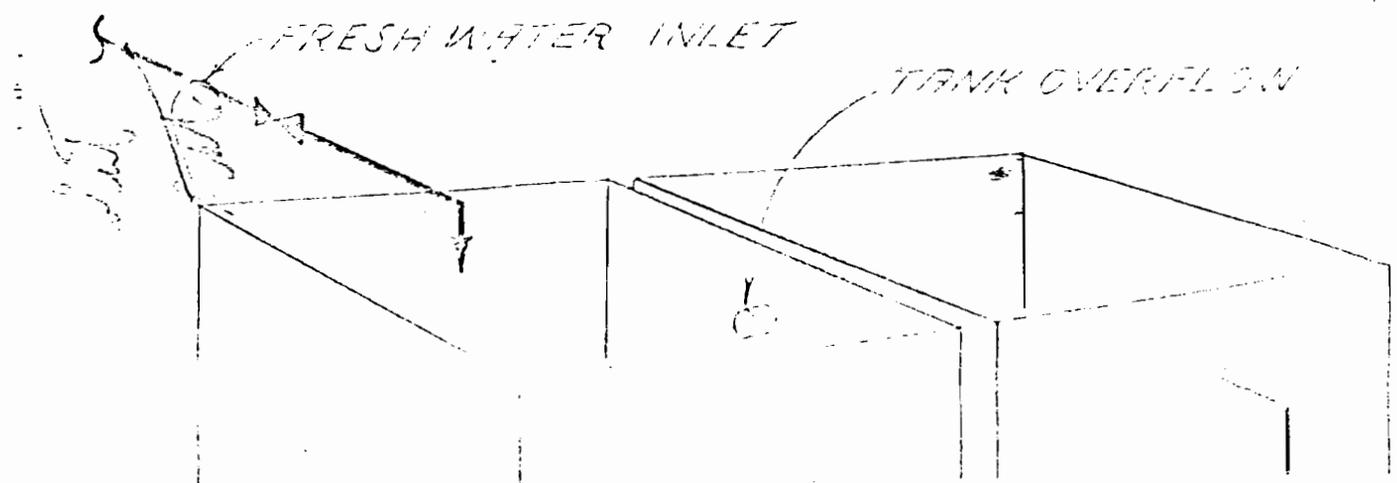
2" P
TR

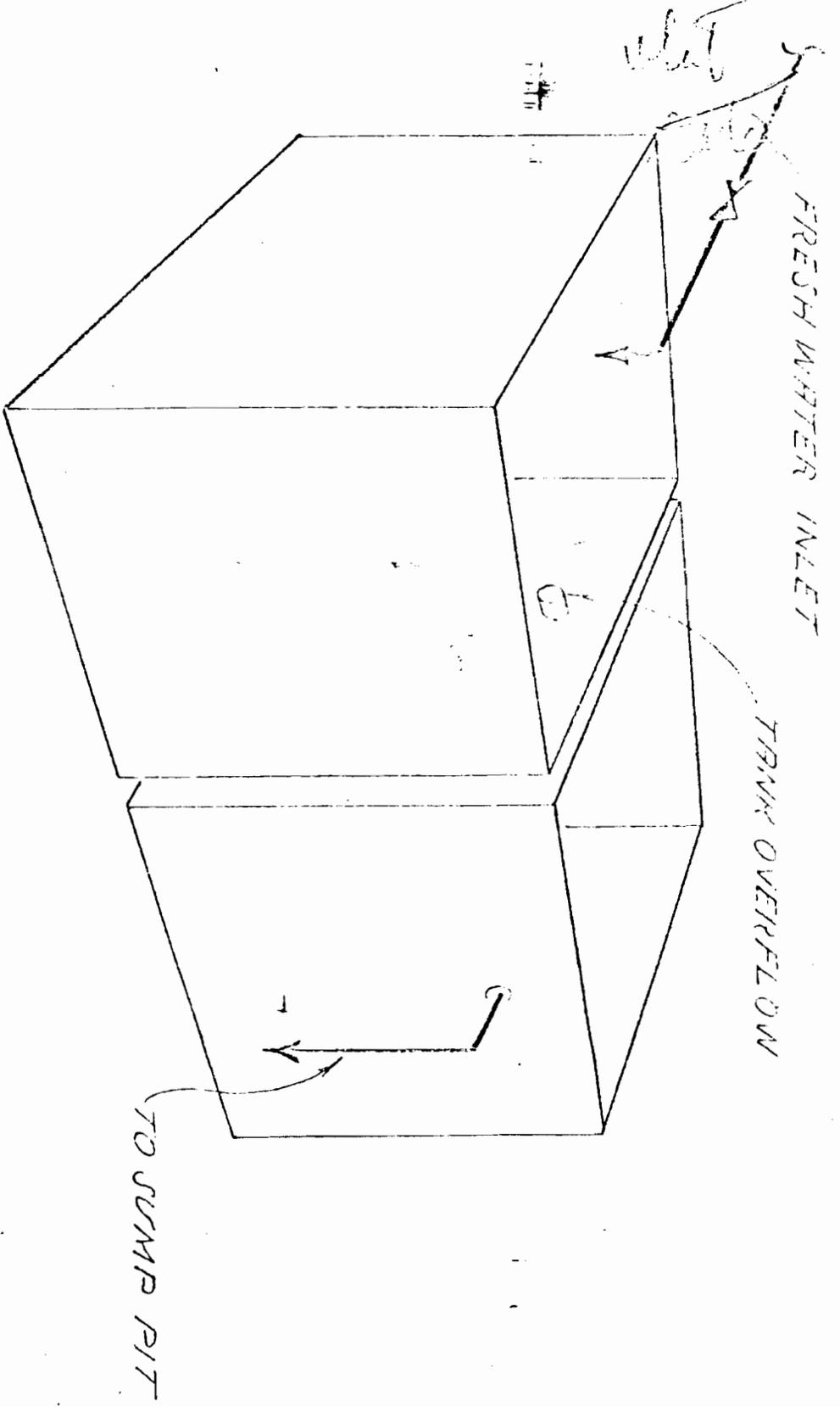
SUMP
SCALE:





CYANIDE TREATMENT SKETCH
SCALE 3/8" = 1'-0"





TYPICAL RINSE TANK

44-44-44

P. O. Box 5
ISLIP, N. Y. 11751

581-7100

17 WEAVER LANE
DIX HILLS, N. Y. 11746

864-9014

BENSIN & BURNS
CONSULTING ENGINEERS

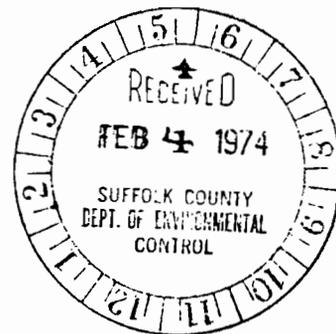
ENVIRONMENTAL CONTROL

JOB NO. B A9007

TRONIC PLATING CO., INC.

WASTE TREATMENT SYSTEM

ENGINEERING REPORT



P. O. Box 5
ISLIP, N. Y. 11751
581-7100

17 WEAVER LANE
DIX HILLS, N. Y. 11746
864-9014

BENSIN & BURNS
CONSULTING ENGINEERS

January 28, 1974

TRONIC PLATING CO., INC.

WASTE TREATMENT SYSTEM

ENGINEERING REPORT

GENERAL

The Tronic Plating Company is a job plating concern finishing various small specialty items for the electronics industry. The company is located at 168 Central Avenue, Farmingdale, New York. They employ approximately 5 to 8 people. The firm performs industrial plating, consisting of anodizing cadmium, copper, solder, tin, nickel and chrome, and precious metal plating consisting of palladium, rhodium, gold and silver. The present plating installation is very neat and discussion with the Owner indicates limited waste discharge.?

how much

NATURE OF THE WASTE

The waste produced from the plating operation is due to drag-out of the various plating metals into the running water rinse. A plan view of the

existing plating facility is shown on Print No. 2, with each tank identified. The dipping operation is indicated on the attached individual flow diagrams. Air gaps (min. 6") or anti-siphon valves will be provided so as to assure protection of the public water supply.

A sample of the waste was taken from the leaching system on January 15, 1974, and analyzed for total chrome, cyanide, iron, nickel, copper, zinc, cadmium, lead and pH. The analysis is attached. The waste was visibly clear with little to no turbidity.

ESTIMATED FLOW

The total volume of water used by the firm was 1,250,000 gallons per year (1973). On a daily, average flow, this will be as follows:

$$\frac{1,250,000 \text{ gals.}}{52 \times 5} = 4,800 \text{ GPD}$$

San + ind?

PRESENT TREATMENT SYSTEM

Up to the present, the Owner has tried to control the pollutants in the waste with various static rinses which have helped but are still not reducing the concentration to acceptable limits. Running rinses following the plating tanks are presently piped directly to a trench and "holding

tank", and discharged to four leaching pools. The analysis of the waste indicates treatment will be required for cyanide, and the heavy metals of iron, lead, tin, copper and nickel.

The use of the present static rinse tanks will be continued and the waters used as make up of the corresponding plating tank. The existing static sodium hydrosulfite soda ash tank will be continued to be used as follows:

- 1) Concentration of sodium hydrosulfite will be $\frac{1}{2}$ lb. in 20 gallons.
- 2) Daily checks to be made on total chrome and hexavalent chrome carry over. NG
- 3) Reaction of chrome conversion to be as follows: (at pH of 8.5)
$$4\text{H}_2\text{CrO}_4 + 6\text{NaHSO}_3 + 3\text{NaCO}_3 \longrightarrow$$
$$4\text{Cr}(\text{OH})_3 + 6\text{Na}_2\text{SO}_4 + 3\text{CO}_2 + \text{H}_2\text{O}$$
- 4) Spent hydrosulfite static rinse will be disposed of by scavenger collection.

PROPOSED TREATMENT FACILITIES

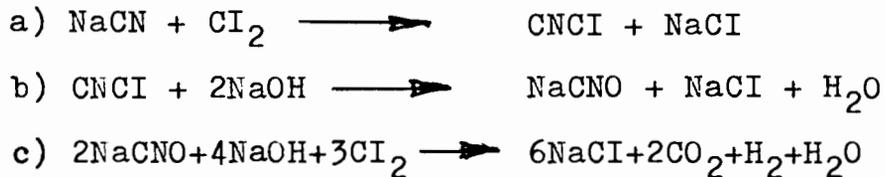
It is proposed to segregate the wastes into separate waste streams for treatment.

A) Cyanide Treatment - The rinse waters from these lines will be piped into a sump pit and pumped to 2 holding tanks for treatment. The capacity of each tank will be sufficient to collect one days run, with an interconnecting overflow between the units.

The treatment of the cyanide waste will be as follows:

- 1) Introduce caustic soda until the pH is above 10.5.
- 2) At a pH of 10.5, sodium hypochlorite will be introduced until all the cyanide is destroyed.

The chemistry of treatment is as follows:



It is further proposed to pipe the running rinses from the lead, tin, copper and nickel lines to the same sump pit. This waste which is relatively low in concentration and volume will be treated concurrently with the cyanide and be precipitated as the metal hydroxide.

The total volume of waste waters involved in this system will be as follows:

5 running rinses @ $\frac{1}{2}$ GPM = $2\frac{1}{2} \times 60 \times 8$ =	1,200 GPD
2 running rinses @ 1 GPM = $2 \times 60 \times 8$ =	<u>960 GPD</u>
Total	2,160 GPD

Therefore two 2,160 gallon tanks will be required, each with an air mix system installed inside to insure complete mixing of all chemicals.

B) pH Correction - After treatment and discharge of the effluent from the tanks, it will be piped to the front of the existing holding tank, which is built into the floor. All existing limestone chips will be removed, and the walls painted with epoxy paint. It is anticipated that the waste effluent will have a pH over 8.5. During the dumping of the effluent, periodic samples will be taken to see that the pH range is between 6.5 and 8.5. An acid pump, to feed sulfuric acid to the front of the pit, will be provided.

EQUIPMENT

A) Tanks - To be $\frac{1}{4}$ " steel shell with three (3) coats of epoxy paint, or free standing fibreglass. Tanks to be 7'0" diameter by 9'0" high. Tanks to be as detailed on prints.

B) Pumping Equipment - Sump pumps to have a capacity of a minimum of 10 GPM at 25' TDH. Pumps to be constructed of special alloys for application

of a pH range of 2.0 to 10.5. Pumps to be as manufactured by The Gallagher Co., New Jersey or the Sethco Manufacturing Co., Freeport, New York.

G) Chemical Feeders - Wallace and Tiernan Co., New Jersey, Model 94-100.

D) Mixers - An air mix grid as shown on the drawings will be installed. A pressure reducing valve to reduce pressure to 10 psi from the existing compressor will be installed.

E) Piping - All piping to be schedule 40 PVC with unions spaced for easy removal of equipment.

F) Valves - All valves to be PVC ball type.

CONTROL

Analysis will be made on the raw and treated waste to assure compliance with the Suffolk County Department of Environmental Control and the New York State Department of Environmental Conservation standards for underground discharge of industrial wastes.

The following equipment will be provided for this analysis:

- 1) Delta Scientific Model 260 Photometric Water Analyzer.
- 2) Necessary reagents and glassware for measurements of pH, iron, cyanide, chrome, nickel, copper, zinc, tin, cadmium and lead.

3) Records will be kept on a sheet similar to
that attached as Addendum No. 2.

ADDENDUM No 1



ECOLOTROL INC.

ENVIRONMENTAL SPECIALISTS

January 28, 1974

Mr. Robert Burns
Strata Well Corp.
2 Beech Street
Box 5
Islip, New York

Dear Bob,

The following are the analytical results for the Tronic Plating sample dated January 15, 1974.

<u>Parameter</u>	<u>Result</u>
pH (units)	6.85
Cadmium	3.14
Chromium	0.94
Copper	2.25
Cyanide	6.0
Iron	0.9
Lead	0.21
Nickel	1.6
Silver	0.33
Zinc	0.7

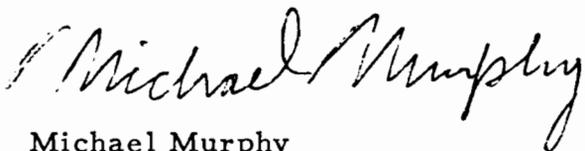
Mr. Robert Burns

January 28, 1974

Page 2

All results are in mg/l unless otherwise noted. If there are any questions, please do not hesitate to call.

Yours truly,

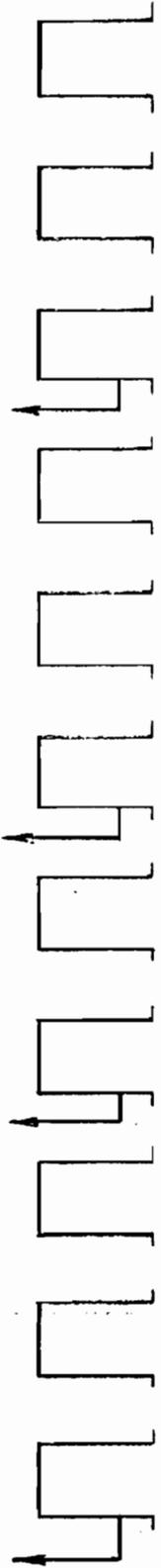
A handwritten signature in cursive script that reads "Michael Murphy". The signature is written in dark ink and is positioned above the typed name.

Michael Murphy
Vice President

mm

cc: Tronic Plating Corp.

COPPER STRIPE w/ NICKLE OR CHROME PLATE



DEGREASER

STATIC RINSE

RUNNING RINSE

COPPER STRIPE

ACID RINSE

RUNNING RINSE

ACID RINSE
(10% SULFURIC)

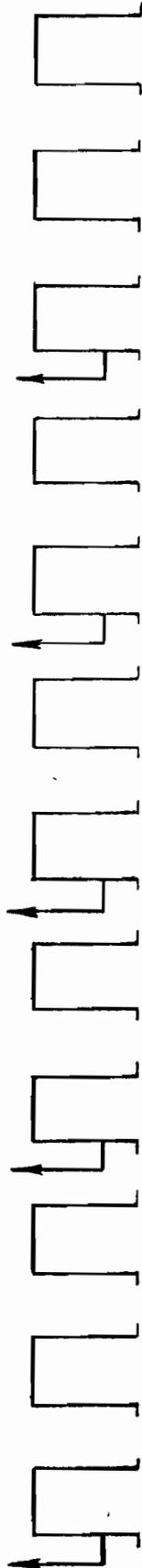
RUNNING RINSE

NICKLE OR CHROME

STATIC TANK

RUNNING RINSE

CADMIUM PLATE - FLOW SHEET



DEGREASER

STATIC RINSE

RUNNING RINSE

HOT SOAK (STATIC)

RUNNING RINSE

ACID DIP

RUNNING RINSE

ELECTRO. CLEAN

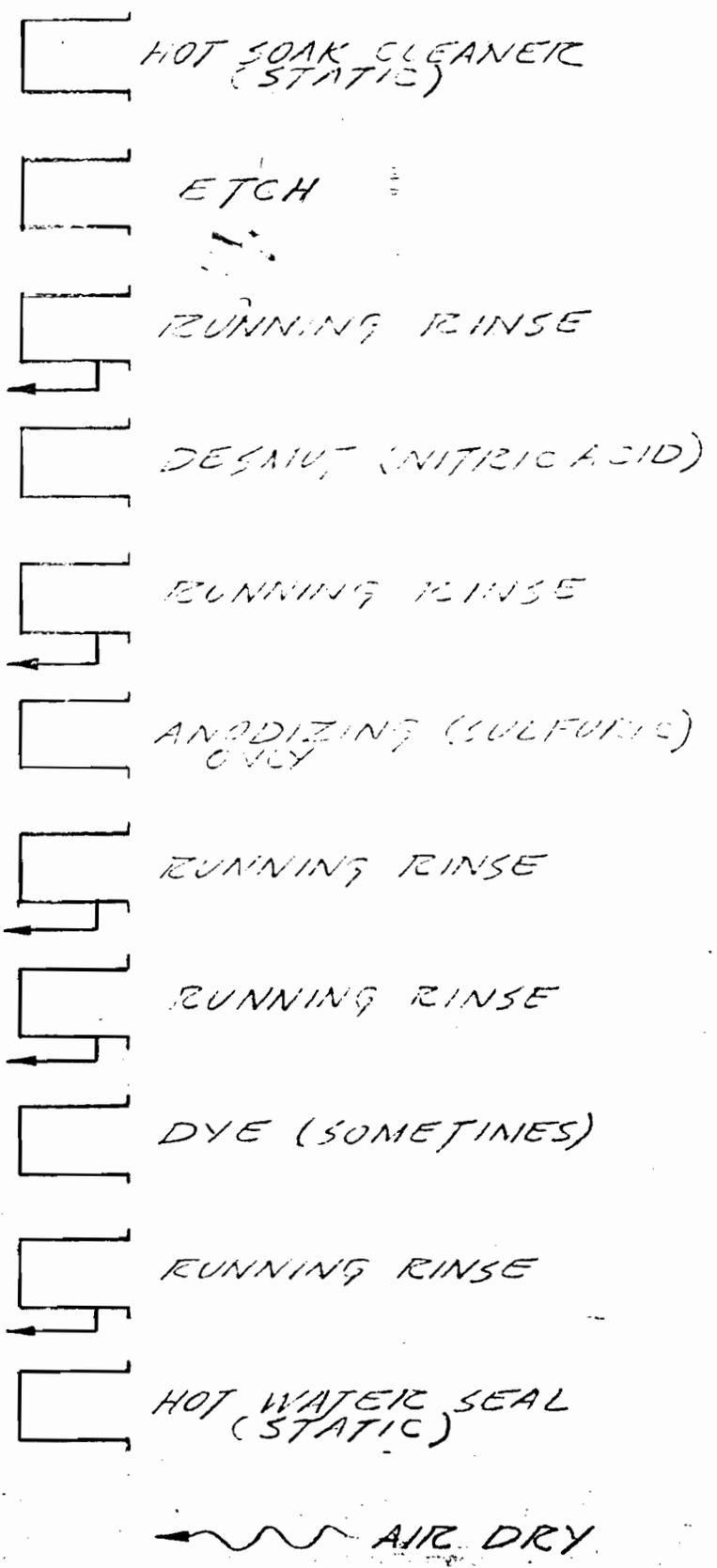
RUNNING RINSE

CADMIUM PLATE

STATIC RINSE

RUNNING RINSE

ANODIZING - FLOW SHEET



July 5, 1968

Tronic Plating Company
168 Central Avenue
East Ferrisburgh, New York 11735
Attn: Mr. Roth

Dear Mr. Roth:

Your current plating operation at the above address is being operated without benefit of waste adjustment prior to discharge.

This office will require that the waste from the collecting sump be diverted from the outfall sewer and suitably treated in accordance with the attached standards.

The method of treatment should be prepared by a licensed professional engineer and submitted to this office for approval.

Very truly yours,

Paul A. Wiegler, P. E.
District Engineer

PWW:alh
Enc.

cc: William F. Granger, P. E.

New York State Department of Environmental Conservation
Building 40, SUNY, Stony Brook, New York 11794
(516) 751-7900



Robert F
Commiss

March 27, 1980

- Tronic Plating Company, Inc.
- 168 Central Avenue
- Farmingdale, New York 11735

Re: SPDES Permit No. NY 0075574
Reference No. 47-0427

Dear Sir:

Enclosed please find the State Pollution Discharge Elimination System Permit for the discharge from Tronic Plating Company at Pabylon (T), Suffolk County, NY

Please carefully read the general and other conditions and the schedule contained in the permit to insure compliance during the term of the permit. This permit should be kept available on the premises of the discharging facility at all times.

Sincerely yours,



Andrew R. Yerman, P.E.
Regional Water Engineer

ARY/jf
Enclosure
cc: A. Machlin
- Agency ✓

RECEIVED

APR 4 1980

SO. DEPT. OF
HEALTH SERVICES

es: SPDES file

Region #1

Suffolk Co. DHS ✓

Mr. Crandall - BMS

Mr. Adamczyk - BIP

Effective Date (EDP) : April 1, 1980

Expiration Date (ExDP) : April 1, 1985

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 Clean Water Act, as amended, (33 U.S.C. §1251 et. seq.) (hereinafter referred to as "the Act").

Tronic Plating Company, Inc.
168 Central Avenue
Farmingdale, New York 11735

Attention: Mr. Jerrold Roth

is authorized to discharge from the facility described below:

Tronic Plating Company, Inc.
168 Central Avenue
Babylon (T), Suffolk County
Farmingdale, NY

Ground
into receiving waters ~~XXXXXX~~

(Class GA)

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 George K. Hansen, P.E., Chief, PDES Permit Section
Designated Representative of Commissioner of the
Department of Environmental Conservation

MAR 17 1980

Date

George K. Hansen
Signature

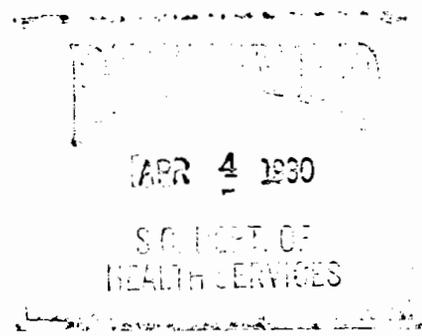
APR 4 1980

STATE DEPT OF ENVIRONMENTAL CONSERVATION

FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning April 1, 1980 and lasting until April 1, 1985, the discharges from the permitted facility shall be limited and monitored by the permittee as specified below:

Outfall Number	Effluent Parameter	Discharge Limitations				Monitoring Reqmts.	
		kg/day Daily Avg.	(lbs/day) Daily Max.	Other Units Daily Avg.	(Specify) Daily Max.	Measurement Frequency	Sample Type
001	Flow-Cooling Water			1000 gpd		Monthly	Instantaneous


 APR 4 1980
 DEPT. OF HEALTH SERVICES

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 6.5 standard units nor greater than 8.5 standard units and shall be monitored as follows: Monthly, Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): before discharge to ground.

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 units as specified herein, during any calendar day.

APR 4 1980
 DEPT. OF HEALTH SERVICES

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:

<u>Action Code</u>	<u>Outfall Number(s)</u>	<u>Compliance Action</u>	<u>Due Date</u>
26	001	Submit an engineering report outlining procedures to be followed to bring any non-complying discharges into compliance with the terms and conditions of this permit.	July 1, 1980

(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 noncompliance 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 - Region #1
New York State Department of Environmental Conservation
Building 40 - SUNY
Stony Brook, New York 11794

Suffolk County Dept. of Health Services
65 Jetson Lane
Hauppauge, NY 11787

The permittee shall submit copies of any engineering reports, plans, 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 to the Department or its designated field office.

9-18-2 (9/76)

APR 4 1980

S. O. DEPT. OF
HEALTH SERVICES

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 6 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 May 28, 1980. Thereafter, reports shall be submitted no later than the 28th of the following month(s): Nov., May

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

Regional Engineer - Region #1
New York State Department of Environmental Conservation
Building 40 - SUNY
Stony Brook, NY 11794

Suffolk County Dept. of Health Services
65 Jetson Lane
Hauppauge, NY 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.

APR 4 1980
RECEIVED
MONITORING

New York State Department of Environmental Conservation

Building 40 - State University of New York
Stony Brook, New York 11794
(516) 751-7900



Robert F. Flacke
Commissioner

June 4, 1980

Tronic Plating Company, Inc.
168 Central Avenue
Farmingdale, New York 11735

Attention: Mr. Jerry Roth, President

Dear Mr. Roth:

Enclosed herewith, please find an Order on Consent outlining the terms and conditions agreed upon at a meeting recently held at this office.

Kindly sign the Order, have it notarized and return to this office along with your payment of the penalty imposed.

Upon receipt of same, it will be signed by our Regional Director and a conformed copy served upon you.

Very truly yours,

JOAN B. SCHERB
Regional Attorney

JBS:cm
Enc.

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

. X
In the Matter of the Alleged Violation of
Article 17 of the Environmental Conservation
Law of the State of New York,
by

TRONIC PLATING CO., INC.

(Suffolk County) Respondent X

ORDER ON CONSENT

FILE NO. 1-0607

WHEREAS, Section 17-0501 of the Environmental Conservation Law of the State of New York prohibits the discharge of organic or inorganic matter into the waters of the State that shall cause or contribute to a condition in contravention of the standards adopted for groundwater by the Department pursuant to Section 17-0301; and

WHEREAS, Section 17-1743 of the Environmental Conservation Law of the State of New York provides that any person who is the owner of or in actual or constructive possession or control of fifteen hundred (1,500) gallons or more in bulk, of any liquid, which, if released, discharged or spilled, would or would be likely to pollute the waters of the State, shall, as soon as he has knowledge of such discharge, immediately notify the Department of Environmental Conservation; and

WHEREAS, this Department has documented instances of Respondent discharging industrial wastes to the groundwater and at the time, Respondent was in possession and control of 1500 gallons or more of liquid industrial waste stored in bulk; and

WHEREAS, Respondent has affirmatively waived its right to a public hearing in this matter in the manner provided by law, and having consented to the issuing and entering of this Order, pursuant to the provisions of Article 17 of the Environmental Conservation Law of the State of New York and agrees to be bound by the terms and conditions contained therein.

NOW, having considered this matter and being duly advised, it is

ORDERED, that with respect to the aforesaid violation, there is hereby imposed upon Respondent, a penalty in the sum of Five Thousand (\$5,000) Dollars, Forty-five Hundred (\$4,500) Dollars of which shall be suspended, providing Respondent adheres strictly to the terms and conditions set forth in Schedule A, the compliance schedule attached hereto and made a part hereof; and it is further

ORDERED, that the provisions, terms and conditions of this Order shall be deemed to bind Respondent, its successors and assigns and all persons, firms or corporations acting under or for it,

including, but not limited to those who may carry on any or all of the operations now being conducted by Respondent, whether at the present location or at any other in this State; and it is further

ORDERED, that in those instances in which Respondent desires that any of the provisions, terms or conditions of this Order be changed, it shall make written application, setting forth the grounds for the relief sought, to the Commissioner, c/o Joan B. Scherb, Regional Attorney, Building 40, State University of New York, Stony Brook, New York 11794; and it is further

ORDERED, that any change in this Order shall not be made or become effective, except as specifically set forth by written Order of the Commissioner, such written order being made either upon written application of the Respondent, or upon the Commissioner's own findings.

Dated: Albany, New York
1980

ROBERT F. FLACKE
Commissioner of
Environmental Conservation

By _____
DONALD J. MIDDLETON
Regional Director

To: Tronic Plating Co., Inc.
168 Central Avenue
Farmingdale, New York 11735
Att: Mr. J. Roth, President

CONSENT BY RESPONDENT

Respondent acknowledges the authority and jurisdiction of the Commissioner of Environmental Conservation to issue the foregoing Order, waives public hearing or other proceedings in this matter, accepts the terms and conditions set forth in the Order and consents to the issuance thereof.

TRONIC PLATING CO., INC.

By _____

STATE OF NEW YORK)

ss.:

COUNTY OF SUFFOLK)

On the _____ day of _____ 1980, before me personally came _____ to me known, who being duly sworn, deposed and said that he resides at _____ that he is the _____ of Respondent Corporation and that he signed his name for and on behalf of said corporation with full authority

Compliance Schedule for
TRONIC PLATING
SCHEDULE A

On or before June 30, 1980

Respondent shall obtain a Part 360 Permit.

On or before June 30, 1980

Respondent shall see to it that all old leaching pools are cleaned and washed under the supervision of the Suffolk County Department of Health Services, who shall be notified 48 hours in advance of such cleaning.

TROVIC PLATING CO., INC.

8 CENTRAL AVE. FARMINGDALE

AUG. 1982.

As per inspection made on 2 Aug 1982 in the Plating room. Majority of plating tanks in "Trovic" appear in serious condition with much rusting, pitting + bowing out of tanks. Floor at edges is filthy + accumulation of droppings piled around plating tanks, to the depth of several inches. Main plating room is not bermed, Mr. Roth said the room was pitched toward the center.

Waste accumulation system has pit in main plating room which accumulates acid + cyanide wastes, which are then pumped to the large holding tanks.

Pit must comply with Article 12 Standards - + be leak tested.

The large waste tanks 2x4000 are separated from the main plating floor, there is no type of spill containment or prevention measures in place. These large tanks at Trovic were like prior to Art 12 + must be upgraded.

Recommendations.

① Main + auxiliary plating rooms must comply with

Article 12. berm

② Waste accumulation system:

① Piping - leak test

② Pit - leak test.

③ tanks - leak test, berm.

; must comply with Art 12.



DEPARTMENT OF HEALTH SERVICES

NOTIFICATION OF UNSATISFACTORY INDUSTRIAL WASTE SAMPLING

Date Nov. 28, 1979

Tronic Plating Co., Inc.
168 Central Ave.
Armingdale, N.Y. 11735

Gentlemen:

On 11/14/79 samples of your industrial waste were taken from your black dye tank. Upon analysis, the following parameters were found to be unsatisfactory:

- | | |
|----------------------|-----------------------------------|
| 1. Copper - 4.3 mg/l | 6. NOTE: TOTAL CHROME - 15.6 mg/l |
| 2. Lead - 5.2 mg/l | 7. |
| 3. Cadmium - .9 mg/l | 8. |
| 4. | 9. |
| 5. | 10. |

The acceptable limits on each of these parameters, according to New York State Groundwater Standards are as follows:

- | | |
|-----------------------|-----|
| 1. Copper - 1 mg/l | 6. |
| 2. Lead - .05 mg/l | 7. |
| 3. Cadmium - .02 mg/l | 8. |
| 4. | 9. |
| 5. | 10. |

You should be aware that these unsatisfactory conditions constitute violations of the N.Y.S. Environmental Conservation Law. Please see that they are corrected as soon as possible. If you have any questions or need any assistance, please do not hesitate to contact this office.

Stephen A. Costa
Stephen A. Costa, P.E.
Industrial Waste and Hazardous
Materials Control Section

(GW)



DEPARTMENT OF HEALTH SERVICES

NOTIFICATION OF UNSATISFACTORY INDUSTRIAL WASTE SAMPLINGDate Jan. 16, 1980

Electronic Plating Co., Inc.
168 Central Ave.
Farmingdale, N.Y. 11735

Gentlemen:

On 1/3/80 samples of your industrial waste were taken from your first cooling water pool. Upon analysis, the following parameters were found to be unsatisfactory:

- | | |
|-----------------------|-----|
| 1. Iron - 2.7 mg/l | 6. |
| 2. Cadmium - .87 mg/l | 7. |
| 3. Silver - .11 mg/l | 8. |
| 4. | 9. |
| 5. | 10. |

The acceptable limits on each of these parameters, according to New York State Groundwater Standards are as follows:

- | | |
|-----------------------|---------------------------|
| 1. Iron - .6 mg/l | 6. NOTE: SPDES Permit No. |
| 2. Cadmium - .02 mg/l | 7. NY 0075574 is a |
| 3. Silver - .1 mg/l | 8. zero discharge |
| 4. | 9. permit. |
| 5. | 10. |

You should be aware that these unsatisfactory conditions constitute violations of the N.Y.S. Environmental Conservation Law. Please see that they are corrected as soon as possible. If you have any questions or need any assistance, please do not hesitate to contact this office.

Stephen A. Costa
Stephen A. Costa, P.E.
Industrial Waste and Hazardous
Materials Control Section

(GW)



DEPARTMENT OF HEALTH SERVICES

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

Date Aug 27, 1990
SPDES NO. NY 0075574
Lab No. 5-90-146
Field No. JHE 0521-04

Tronic Plating Co., Inc.
18 Central Ave.
Farmingdale, N.Y. 11735

Gentlemen:

On 5/21/80 samples of industrial waste were taken from your

~~cooling water leaching pool~~
upon analysis, the following parameters were found in concentrations above the maximum allowed in your SPDES permit or in groundwater effluent standards:

- 1. Cadmium - .8 mg/l 6.
- 2. 7.
- 3. 8.
- 4. 9.
- 5. 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
San. Sanitarian
Industrial Waste and Hazardous
Materials Control Section
PAP/rt

(SEE REVERSE SIDE FOR STANDARDS)



DEPARTMENT OF HEALTH SERVICES

293
7883

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

ronic Plating Co., Inc.
168 Central Ave.
Farmingdale, N.Y. 11735

Date Aug. 27, 1980
SPDES NO. NY 0075574
Lab No. 8-80-26
Field No. 1 EG 8-5

Gentlemen:

On 8/5/80 samples of industrial waste were taken from your cooling water - 1st pool

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

- | | |
|-----------------------|-----|
| 1. pH - 5.1 | 6. |
| 2. Iron - 1.1 mg/l | 7. |
| 3. Cadmium - .93 mg/l | 8. |
| 4. | 9. |
| 5. | 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)



DEPARTMENT OF HEALTH SERVICES

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

Tronic Plating Co., Inc.
163 Central Avenue
Farmingdale, New York 11735

Date 10/29/80
SPDES NO. NY 0075574
Lab No. 10-80-20
Field No. 4-EG-10-1

Settlement

On 10/1/80 samples of industrial waste were taken from your 001 Industrial pool. Upon analysis, the following parameters were found in concentrations above the maximum allowed in your SPDES permit or in groundwater effluent standards:

- | | |
|----------------------|-----|
| 1. Iron - 4.2 mg/l | 6. |
| 2. Cadmium -.42 mg/l | 7. |
| 3. | 8. |
| 4. | 9. |
| 5. | 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)



DEPARTMENT OF HEALTH SERVICES

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

Tronic Plating
168 Central Ave.
Farmingdale, N. Y. 11735

Date Feb. 2, 1981
SPDES NO. NY0075574
Lab No. 12/80-39
Field No. 2 JHF 123

Gentlemen:

On 12/3/80 samples of industrial waste were taken from your
industrial -001 - cooling water

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

- | | |
|-----------------------|-----|
| 1. Iron 2.4 mg/L | 6. |
| 2. Lead - .2 mg/L | 7. |
| 3. Cadmium - 3.4 mg/L | 8. |
| 4. | 9. |
| 5. | 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)



DEPARTMENT OF HEALTH SERVICES

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

Date July 6, 1981
 SPDES NO. _____
 Lab No. 6-81-134
 Field No. 4 DO 6-17

Tronic Plating
 168 Central Avenue
 Armingdale, New York 11735

Gentlemen:

On June 17, 1981 samples of industrial waste were taken from your swimming pool, front lawn, eastern most line, 2nd toward Central Ave. Upon analysis, the following parameters were found in concentrations below the maximum allowed in your SPDES permit or in groundwater effluent standards:

- Iron - 4.1 mg/L 6.
- Cadmium - 0.65 mg/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,

(SEE REVERSE SIDE FOR STANDARDS)

H. Finkenberg
 Sanitarian
 Environmental Pollution Control
 P/cc

Central Islip, N. Y. 11722

XXXXXXXXXXXXXXXXXXXX

11/11/81

COUNTY OF SUFFOLK



PETER F. COHALAN
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

Date September 13, 1982
SPDES NO. NY 007 5574
Lab. No. 8-82-194
Field No. 1 DO 18-8

Tronic Plating Co., Inc.
168 Central Ave.
Farmingdale, N.Y. 11735

Gentlemen:

On August 18, 1982, samples of industrial waste were taken from your sanitary pool, first in line, front lawn. Upon analysis, the following parameters were found in concentrations above the maximum allowed in your SPDES Permit or in groundwater effluent standards:

- 1. Copper 8.8 Mg/l
- 2. Iron 170 Mg/l
- 3. Lead 3.2 Mg/l
- 4. Cadmium 2.8 Mg/l
- 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
John H. Finkenberg, Sr. Sanitarian
Environmental Pollution Control

1 Horseblock Pl. (SEE REVERSE SIDE FOR STANDARDS)
Farmingville, NY 11738
(516) 451-4628

NAME OF FACILITY: **TRONIC PLATING CO. INC.**
 OWNER/OFFICER: **Herbert Buchstow** PAGE 1 OF 1 Pres.
 CONTACT: **Mr. Jerry Roth** TEL: **293-7883**
 VILLAGE: **FARMINGDALE TOWN BAB.** ZIP: **11735**

ADDRESS: **168 CENTRAL AVE.**
 DATE: **4/6/82** TIME: **12:30**
 ORIG. PERIODIC RE. WASTE NO WASTE H&H SEWAGE SYSTEM PUBLIC PRIVATE

INDUSTRY: **METAL PLATING**
 IS A PERMIT REQUIRED? YES NO PERMIT NO. **N/A**
 IS A 360 PERMIT REQUIRED? YES NO PERMIT NO. **N/A**

GENERATOR: **Chem. Management Corp.** TEL. _____
 ARE RECORDS AVAILABLE? YES NO
 RECORDS CONSISTENT WITH EXPECTED WASTE GENERATION? YES NO

FUEL TYPE _____ FIRING RATE _____
 WASTE BURNED _____ RATE _____

STORAGE YES NO NUMBER OF DRUMS STORED _____
 TYPE OF MATERIAL STORED: WASTE _____ RAW _____ BOTH
 STORAGE YES NO ABOVE GROUND _____ UNDER GROUND **2x4000** BOTH _____
 TYPE OF MATERIAL STORED: WASTE _____ RAW _____ BOTH _____
 TANKS REGISTERED YES NO CONDITION OF ABOVEGROUND TANKS: GOOD _____ FAIR _____ POOR _____
 ANY ART. XII VIOLATIONS: YES _____ NO _____

Chem. Mgt - 1/3/82 2000 GAL
 LIQUACON 3/3/82 4800 GAL
 Chem. Mgt. 4/20/82 2000 GAL → 6/18/82 - LIQUACON 5000 GAL.
 Chem. Mgt. 7/28/82 6000 GAL.

6 gal. AsO3
 6 gal. HCl
 6 gal. H2SO4
 6 gal. Sodium Hypochlorite.
 Contact Peter Akras - for tank drum storage specifications.
 SEND COPY TO INDUSTRY!

PERMISSION IS GRANTED BY THIS FACILITY TO THE SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES TO CONDUCT ROUTINE SAMPLING OF TANKS, STORMDRAINS, AND OTHER DISCHARGE POINTS AT THE FACILITY.
 INSPECTION SCHEDULED ON OR AFTER **1 yr.** FAILURE TO CORRECT UNSATISFACTORY CONDITIONS BY REINSPECTION DATE MAY RESULT IN A HEARING AND/OR FINE.
 REPORTED BY: **Jerry Roth** TITLE: **owner**
 INSPECTOR: **David OBrig**

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

11735
 RIF BODERBECK

FACILITY NAME TRONIC PLATING CO., INC		OWNER/OFFICER		PAGE 1 OF	
ADDRESS 168 CENTRAL AVE		VILLAGE/FARMINGVILLE TOWN		CONTACT GERRY ROTH - SECY TEL. 293-7883	
ZIP 11735		ORIG. (PERIODIC) RE. (WASTE)		NO WASTE (H&H) SEWAGE SYSTEM (PUBLIC PRIVATE)	
INDUSTRY PLATING					
STATE PERMIT? (YES) NO PERMIT NO.		360 PERMIT? (YES) (NO) PERMIT NO.			
OPERATOR CHEMICAL MANAGEMENT & LIQUIDATION TEL.					
REMOVED (YES) NO		PICK UP RECORDS AVAILABLE (YES) NO		RECORDS CONSISTENT WITH EXPECTED WASTE GENERATION (YES) NO	
FUEL SYSTEM - MFG NAME OIL - 1000 gal in ground TANK				FUEL TYPE	
FIRING RATE				FIRING RATE	
WASTE BURNED				RATE	
STORAGE (YES) NO		NUMBER STORED INDOORS 25 OUTDOORS 0		TYPE OF MATERIAL STORED WASTE (RAW)	
RAV TANKS (YES) NO		NUMBER OF TANKS ABOVEGROUND 3 UNDERGROUND 0		TYPE OF MATERIAL STORED WASTE (RAW)	
CESS TANKS (YES) NO		NUMBER OF OPEN PROCESS TANKS NUMEROUS		ANY ART. XII VIOLATIONS (YES) NO	
<p>4000 gal - 4000 gal tank - 4000 gal INDOOR - PLATING WASTE</p> <p>1000 gal - 1000 gal tank - PREPARED FOR CN</p> <p>(6" high beam around floor near tanks)</p> <p>THIS BEAM WAS PUT IN WITHOUT PERMITS OR PERMIT</p> <p>BEAMS WERE PUT IN WITHOUT PERMITS OR PERMIT - THESE BEAMS DO NOT</p> <p>5 BEAMS REMOVED FROM AREA</p> <p>520 BEAMS - DRY BEAMS (CRUSTIC) NOT EXPOSED TO AIR OUT</p> <p>1 BEAM CHINA SOFT CN + TREATMENT TO BEARD PILES -</p> <p>7 x 13 gal containers of ACIDS WAS SENT SWED</p> <p>10 x 5 gal containers of NiCl₂ APPLICATED TO LANDFILL</p>					
<p>PERMISSION IS GRANTED BY THIS FACILITY TO THE SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES TO CONDUCT ROUTINE SAMPLING OF EFFLUENTS, STORMDRAINS, AND OTHER DISCHARGE POINTS AT THE FACILITY.</p> <p>INSPECTION SCHEDULED ON OR AFTER _____ FAILURE TO CORRECT UNSATISFACTORY CONDITIONS BY REINSPECTION DATE MAY RESULT IN A HEARING AND/OR FINE.</p>					
REPORT PERSON [Signature]		TITLE		INSPECTOR [Signature]	

INDUSTRIAL WASTE PROCESS

NO.	PROCESS	CHEMICALS USED AND APPROXIMATE QUANTITY	DISCHARGE TO	DISCHARGE TO
	PLATING AREA	DISPOSING AT		
		PROCESS - (0" high)		
1	MR. KOTTE JUNG ARE SUBMITTED AT WASH			
	WASTE PLATE WHEN THE SUBSTRATE IS FINISHED WITH			
	BELOW CONSTRUCTION			
	THE SHIP ARE ALSO BOUND TO GO FROM WASHINGTON			
	PERFECTED NOT	AND WASH IT AGAIN		
	ANODIZING TANK	100% CHEMICALS		
		CONTAINING WATER		
		PT		
		SEGREGATED ACID		

AIR POLLUTION SOURCES

NO.	PROCESS	CONTROL TYPE	EP'S	CHEMICALS OR PRODUCTS USED	AMOUNT CONSUM.	HOURS OF OPERA.	TYPE OF EMISSION
1	3 HOURS - PLATING (WATER SOURCE)		1	Acidic fumes			Acidic
2	NICKEL TANK plating		1	Nickel			Nickel
3	ANODIZING	Carbon	1	Acidic fumes			Acidic
	NOT IN USE						
	(WATER SOURCE)						

18-155

Y Olson
 NAME, NOT INITIALS
 DATE COL. 11-14-79
 TIME COL. 11 AM.

LAB NO. _____
 TYPE SAMPLE IND.
 DATE REC'VD. 11/14
 TIME REC'VD. 12:30 PM
 DATE COMPLETED 11/16 80

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

CLIENT OR FIRM Tronic Plating
 ADDRESS OR LOCATION 168 Central Ave Framingham
 DATE OF COLLECTION _____
 COMMENTS/INSTRUCTIONS sample black in color - separates into 2 distinct fractions when left in container

TEST	RESULT	TEST	RESULT	TEST	RESULT
CONDUCT	umho	NITRATE-N		COPPER	.4 (10.)
	6.5	NITRITE-N		IRON	
	m.g./liter	AMMONIA-N		MANGANESE	
ph. ALKALINITY		TKN		CHROMIUM	3.6
ALKALINITY		O-PO ₄ -P		NICKEL	
CHLORIDE				ZINC	.6 (12.)
FLUORIDE				MAGNESIUM	
CYANIDE		TOT. SOLIDS		CALCIUM	
		SUS. SOLIDS		LEAD	.1 (3.)
CLFATE		DISS. SOLIDS		CADMIUM	.02 (5.4)
MBAS				SILVER	.1 1.0
O.D.				SODIUM	
O.C.				POTASSIUM	
				BARIUM	
		FIELD D.O.			
		FIELD TEMP			
		FIELD pH			
		FIELD COND.	umho		

NO. 207
 NAME, NOT INITIALS Olsen
11-14-79
10:05 AM

LAB NO. 11-7-112
 TYPE SAMPLE drd
 DATE REC'VD. 11/14
 TIME REC'VD. 12:30 PM
 DATE COMPLETED 11/16 80

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

OR FIRM Tronic Plating
 ADDRESS OR LOCATION 168 Central Ave, Farmingdale
 DATE OF COLLECTION Black Pipe Tank prior to
 SPECIAL INSTRUCTIONS ripping with cooling water

TEST	RESULT	TEST	RESULT	TEST	RESULT
CONDUCT	umho	NITRATE-N		COPPER	4.8
pH	7.6	NITRITE-N		IRON	
TEST	RESULT ^{mg.} / _{liter}	AMMONIA-N		MANGANESE	
ALKALINITY		TKN		✓ CHROMIUM	15.6
T. ALKALINITY		O-PO ₄ -P		NICKEL	
FLORIDE				ZINC	
FLUORIDE				MAGNESIUM	
CYANIDE		TOT. SOLIDS		CALCIUM	
		SUS. SOLIDS		LEAD	5.2
SULFATE		DISS. SOLIDS		✓ CADMIUM	0.9
BAS				✓ SILVER	0.09
C.O.D.				SODIUM	
B.O.C.				POTASSIUM	
				BARIUM	
		FIELD D.O.			
		FIELD TEMP			
		FIELD pH			
		FIELD COND.	umho		

A. NO. 207
 B. NAME, NOT INITIALS Ohlsen
 C. L. 01-03-80
 D. L. 11:15 AM.

LAB NO. 1-80-24
 TYPE SAMPLE IND.
 DATE REC'VD. 4/3
 TIME REC'VD. 1 PM
 DATE COMPLETED 1/4/80 *Handwritten initials*

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

OR FIRM Tronic Plating
 ADDRESS OR LOCATION Central ave Farmingdale
 POINT OF COLLECTION first cooling water pool
 COMMENTS/INSTRUCTIONS

TEST	RESULT	TEST	RESULT <small>mg. liter</small>	TEST	RESULT <small>mg. liter</small>
CONDUCT	umho	NITRATE-N		✓ COPPER	.60
pH	6.05	NITRITE-N		✓ IRON	2.7
TEST	RESULT <small>mg. liter</small>	AMMONIA-N		MANGANESE	
pH ALKALINITY		TKN		CHROMIUM	.36
T. ALKALINITY		O-PO ₄ -P		NICKEL	0.5
CHLORIDE				ZINC	1.0
FLUORIDE				MAGNESIUM	
CYANIDE		TOT. SOLIDS		CALCIUM	
		SUS. SOLIDS		LEAD	
SULFATE		DISS. SOLIDS		✓ CADMIUM	.87
ARSENIC				✓ SILVER	.11
C.O.D.				SODIUM	
T.O.C.				POTASSIUM	
				BARIUM	
		FIELD D.O.			
		FIELD TEMP		<i>Handwritten</i>	
		FIELD pH			
		FIELD COND.	umho		

FIELD NO. JHF 0521-04
 COLLECTED BY JOHN H. FINKENBERG
 NAME, NOT INITIALS
 DATE COL. 21 MAY 80
 TIME COL. 1:00 PM

LAB NO. 350-140
 TYPE SAMPLE IND
 DATE REC'VD. 5/21
 TIME REC'VD. 3:30
 DATE COMPLETED 5/27/80 Rain

Handwritten notes:
 ✓
 100/100

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

NAME OR FIRM TRONIC PLATING
 ADDRESS OR LOCATION 168 CENTRAL AVE, FARMINGDALE
 POINT OF COLLECTION NO. 2. COOLING WATER LEACHING POOL
 REMARKS/INSTRUCTIONS PLATING OPERATION

TEST	RESULT	TEST	RESULT $\frac{mg.}{liter}$	TEST	RESULT $\frac{mg.}{liter}$
CONDUCT	umho	NITRATE-N		COPPER	
pH		NITRITE-N		IRON	
TEST	RESULT $\frac{m.g.}{liter}$	AMMONIA-N		MANGANESE	
ph. ALKALINITY		TKN		CHROMIUM	
T. ALKALINITY		O-PO ₄ -P		NICKEL	
CHLORIDE				ZINC	
FLUORIDE				MAGNESIUM	
CYANIDE		TOT. SOLIDS		CALCIUM	
		SUS. SOLIDS		LEAD	
SULFATE		DISS. SOLIDS		✓ CADMIUM	0.80
MBAS				✓ SILVER	0.02
C.O.D.				SODIUM	
T.O.C.				POTASSIUM	
				BARIUM	
		FIELD D.O.			
		FIELD TEMP			
		FIELD pH			
		FIELD COND.	umho		

1-EG-8-5

Wilson Quenelle
NAME, NOT INITIALS

8-5-80

8³⁰ Am

LAB NO. 8-80-26

TYPE SAMPLE IWD

DATE REC'VD. 8/5/80

TIME REC'VD. 12:30

DATE COMPLETED 8/15/80 Rain

SUFFOLK COUNTY ENVIRONMENTAL CONTROL LABORATORY
CHEMICAL EXAMINATION OF WATER, SEWAGE, INDUSTRIAL WASTE

Tronic Plating Co. Inc

LOCATION 168 Central Ave., Farmingdale

SECTION Cooling water 1st pool

INSTRUCTIONS

TEST	RESULT	TEST	RESULT	TEST	RESULT
			mg./liter		mg./liter
CHLORIDE	umho	NITRATE-N		COPPER	.48
	(5.1) i	NITRITE-N		IRON	(1.1) .6
	RESULT	AMMONIA-N		MANGANESE	
	mg./liter	TKN		CHROMIUM	
ALKALINITY		0-PO ₄ -P		NICKEL	.18
				ZINC	<.1
				MAGNESIUM	
		TOT. SOLIDS		CALCIUM	
		SUS. SOLIDS		LEAD	<.2
		DISS. SOLIDS		CADMIUM	(.93) .0
		S.O.D.		SILVER	<.02
				SODIUM	
		FIELD NITRATE		POTASSIUM	
		FIELD Cl ⁻		BARIUM	
		FIELD D.O.			
		FIELD TEMP			
		FIELD pH			
		FIELD COND.	umho		

4-EG-1011

Edison Overwale
NAME, NOT INITIALS

10/1/80

10:05 AM

resample
+ jar

LAB NO. 10/80

TYPE SAMPLE IND

DATE REC'VD. 10/1/80

TIME REC'VD. 1 PM

DATE COMPLETED 10/21/80 rain

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

Elect resample
input in appri
2 weeks 10/27/80

FIRM Tronac Plating Corp.

LOCATION 168 Central Ave, Farmingdale

COLLECTION 001 - 1st pool

INSTRUCTIONS

TEST	RESULT	TEST	RESULT	TEST	RESULT
			mg./liter		mg./liter
PH	umho	NITRATE-N		X COPPER	.32
	6.9	NITRITE-N		X IRON	4.2
TEST	RESULT	AMMONIA-N		MANGANESE	
	mg./liter	TKN		X CHROMIUM	.06
ALKALINITY		0-PO ₄ -P		X NICKEL	2.1
ALKALINITY				ZINC	2.1
CHLORIDE				MAGNESIUM	
FLUORIDE		TOT. SOLIDS		CALCIUM	
		SUS. SOLIDS		X LEAD	2.2
		DISS. SOLIDS		X CADMIUM	.42
				SILVER	
				SODIUM	
				POTASSIUM	
				BARIUM	
		FIELD D.O.			
		FIELD TEMP			
		FIELD pH			
		FIELD COND.	umho		

H. H. FINKENBERG
 NAME, NOT INITIALS

3 DEC 80

COL. 1030

TYPE SAMPLE

IND

DATE REC'VD.

12/3/80

TIME REC'VD.

3 30 PM

DATE COMPLETED

12/19/80

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

FIRM

TECHNIP PLATING

ADDRESS OR LOCATION

168 CENTRAL AVE., FARMINGDALE

COLLECTION

LEACHING POOL SOUTHSIDE CLOSEST TO BUILDING

INSTRUCTIONS

TEST	RESULT	TEST	RESULT $\frac{mg.}{liter}$	TEST	RESULT $\frac{mg.}{liter}$
CONDUCT	umho	NITRATE-N		✓ COPPER	98
	<i>Sample Collected</i>	NITRITE-N		✓ IRON	2.4
TEST	RESULT $\frac{mg.}{liter}$	AMMONIA-N		MANGANESE	
ALKALINITY		TKN		✓ CHROMIUM	.06
ALKALINITY		OP ₄ -P		✓ NICKEL	.4
FLORIDE				✓ ZINC	.24
FLORIDE				MAGNESIUM	
CYANIDE		TOT. SOLIDS		CALCIUM	
		SUS. SOLIDS		✓ LEAD	.2
PERMANGANATE		DISS. SOLIDS		✓ CADMIUM	3.4
ARSENIC				✓ SILVER	1.02
COBALT				SODIUM	
COPPER				POTASSIUM	
				BARIUM	
		FIELD D.O.		✓ CR + G	
		FIELD TEMP			
		FIELD pH			
		FIELD COND.	umho		

NO. 500 G-17
 BY DAVID OBERG
 NAME, NOT INITIALS
 COL. 17 June 81
 COL. 1018

LAB NO. 6-81-135
 TYPE SAMPLE IND.
 DATE REC'VD. 6/17 PDP
 TIME REC'VD. 12:15 PM
 DATE COMPLETED 6/21/81 2:10
CRUC 7/1/81

**NO
PROOF**

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

OR FIRM TRONIC PLATING
 ADDRESS OR LOCATION 168 Central Ave. Farmingdale
 TIME OF COLLECTION Storm drain rear of Tronic, 55-40' North
 REMARKS/INSTRUCTIONS garage doors.

TEST	RESULT	TEST	RESULT $\frac{mg.}{liter}$	TEST	RESULT $\frac{mg.}{liter}$
CONDUCT	umho	NITRATE-N		X COPPER	.38
		NITRITE		X IRON	.8
TEST	RESULT $\frac{m.g.}{liter}$	AMMONIA-N		MANGANESE	
ALKALINITY		TKN		X CHROMIUM	.20
T. ALKALINITY		O-PO ₄ -P		X NICKEL	1.0
CHLORIDE				X ZINC	.3
FLUORIDE				MAGNESIUM	
CYANIDE		TOT. SOLIDS		CALCIUM	
		SUS. SOLIDS		X LEAD	4.2
SULFATE		DISS. SOLIDS		X CADMIUM	.66
MBAS				SILVER	
C.O.D.				SODIUM	
T.O.C.				POTASSIUM	
				BARIUM	
		FIELD D.O.		Cr ¹⁶	20.02
		FIELD TEMP		*	
		FIELD pH	7		
		FIELD COND.	umho		

4 DO 6-17

DAVID ORALB

NAME, NOT INITIALS

17 JUN 81

10¹⁶

LAB NO.

60-81-134

TYPE SAMPLE

IND.

DATE REC'VD.

6/17 - 89

TIME REC'VD.

12:15 PM.

DATE COMPLETED

12/18/81

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

TRONIC PLATING

168 Central Ave Farmingdale.

Start from East lawn, Eastern most tree,
 go toward Central Ave

TEST	RESULT	TEST	RESULT	mg. liter	TEST	RESULT	mg. liter
DUCT	umho	NITRATE-N		X	COPPER	.74	
		NITRITE		K	IRON	4.1	
TEST	RESULT $\frac{m.g.}{liter}$	AMMONIA-N			MANGANESE		
ALKALINITY		TKN		X	CHROMIUM	.06	
ALKALINITY		O-PO ₄ -P		X	NICKEL	.5	
ORIDE				K	ZINC	.2	
ORIDE					MAGNESIUM		
ANIDE		TOT. SOLIDS			CALCIUM		
		SUS. SOLIDS		X	LEAD	4.2	
FATE		DISS. SOLIDS		X	CADMIUM	.65	
					SILVER		
					SODIUM		
					POTASSIUM		
					BARIUM		
		FIELD D.O.					
		FIELD TEMP					
		FIELD pH	7-				
		FIELD COND.					

FIELD NO. 10018-8

LAB NO. 8-82-194

DATE COMPLETED 8/25/82

NAME OR FIRM TACNIC PHOTING

ADDRESS OR LOCATION CENTRAL AVE. FARM.

POINT OF COLLECTION SAND POOL 1st LN LIND, FRONT LAWN.

REMARKS/INSTRUCTIONS

TEST	RESULTS	TEST	RESULTS	TEST	RESULTS
PH (LAB)		TOTAL SOLIDS	Mg/l	X COPPER	1.0 (8.8 Mg/l)
CHLORIDE	Mg/l	SUSPENDED SOLIDS		X IRON	0.6 (1.7 x 10 ²)
CYANIDE		DISSOLVED SOLIDS		MANGANESE	
MBAS				X CHROMIUM-TOT	2.1
COD				X NICKEL	.8
TOC				X ZINC	1.0
				X LEAD	0.05 (3.2)
				X CADMIUM	0.02 (2.8)
NITRATE-N				X SILVER	.1
NITRITE				X CHROMIUM-+6	< .02
AMMONIA-N					
TKN		PH (FIELD)	ph = 7		
		TEMP. (FIELD)			

METHOD OF PRESERVATION HNO₃ TO pH < 2 COOL 4°C

CUSTODY OF SAMPLE

DURING TRANSPORT OF THE SAMPLE FROM SAMPLING SITE TO LABORATORY, THE CHAIN OF CUSTODY MUST BE UNBROKEN. GENERALLY THIS WILL REQUIRE THAT THE SAMPLE BE DELIVERED BY THE SAMPLE COLLECTOR OR HIS DESIGNATED REPRESENTATIVE WHO WILL SIGN FOR THE RECEIPT, INTEGRITY AND TRANSFER OF THE SAMPLE DURING SHIPMENT.

	NAME	AFFILIATION	DATE	TIME
1. COLLECTED BY	DAVID COBRIE	SCDAS	18 AUG 82	9:30
2. POSSESSION BY			DATE - TIME	TO DATE - TIME
3. POSSESSION BY			DATE - TIME	TO DATE - TIME
RECEIVED LAB BY	G M		8/18/82 11 AM	DATE
4. POSSESSION BY			DATE - TIME	TO DATE - TIME
5. POSSESSION BY			DATE - TIME	TO DATE - TIME

FIELD NO. 20018-8 LAB NO. 8-82-195 DATE COMPLETED 8/25/82

NAME OR FIRM TRONIC PLATING
 ADDRESS OR LOCATION CENTRAL AVE. FARW
 POINT OF COLLECTION STORM DRAIN LOCATED EAST OF R.I.A.R
 REMARKS/INSTRUCTIONS DOOR OF TRONIC

TEST	RESULTS	TEST	RESULTS	TEST	RESULTS
PH (LAB)		TOTAL SOLIDS	Mg/l	X COPPER	.37 Mg/l
CHLORIDE	Mg/l	SUSPENDED SOLIDS		X IRON	1.5
CYANIDE		DISSOLVED SOLIDS		MANGANESE	
MBAS				X CHROMIUM-TOT	.1
COD				X NICKEL	.7
TOC				X ZINC	.65
				X LEAD	<.2
				X CADMIUM	.3
NITRATE-N				X SILVER	<.02
NITRITE				CHROMIUM-+6	
AMMONIA-N					
TKN		PH (FIELD)	ph ² 7		
		TEMP. (FIELD)			

METHOD OF PRESERVATION HNO₃ TO pH < 2 COOL 4°C

CUSTODY OF SAMPLE

DURING TRANSPORT OF THE SAMPLE FROM SAMPLING SITE TO LABORATORY, THE CHAIN OF CUSTODY MUST BE UNBROKEN. GENERALLY THIS WILL REQUIRE THAT THE SAMPLE BE DELIVERED BY THE SAMPLE COLLECTOR OR HIS DESIGNATED REPRESENTATIVE WHO WILL SIGN FOR THE RECEIPT, INTEGRITY AND TRANSFER OF THE SAMPLE DURING SHIPMENT.

	NAME	AFFILIATION	DATE	TIME
COLLECTED BY	<u>PAULO COBAL</u>	<u>SCDAS</u>	<u>18 AUG. 82</u>	<u>9⁴² AM</u>
POSSESSION BY			DATE - TIME	TO DATE - TIME
POSSESSION BY			DATE - TIME	TO DATE - TIME
RECEIVED LAB BY	<u>G.M.</u>		<u>8/18/82</u>	<u>11 AM</u>
POSSESSION BY			DATE	TIME
POSSESSION BY			DATE - TIME	TO DATE - TIME
POSSESSION BY			DATE - TIME	TO DATE - TIME

COUNTY OF SUFFOLK



PETER F. COHALAN
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

January 4, 1983

Mr. Gerry Roth
Tronic Plating Co., Inc.
164-168 Central Avenue
Farmingdale, NY 11735

Re: 164-168 Central Avenue, Farmingdale, NY

Dear Sir:

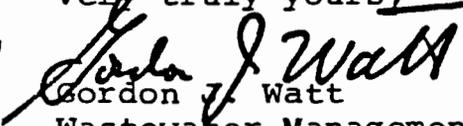
This letter is a follow-up of our telephone conversation concerning your facility and the southwest sewer district. As you are aware, the Suffolk County Sanitary Code, Article VB, Section 2e, requires wastewater to be discharged directly into a municipal sewage disposal system if available and accessible. Our records indicate that your immediate area is served by the district.

At this time the Department of Health wishes to establish a date of March 1, 1983 for completion of the connection of your building(s) to the sewer district.

For an application and full particulars regarding the requirements of the Department of Public Works, please contact Mr. Richard Strzepek, Building 159, Veterans Memorial Highway, Hauppauge, NY 11788, telephone Number 360-4886.

If you have any questions regarding the above, please call me at 451-4648. A reinspection of your facility will be made on or about March 1, 1983. Your cooperation will be appreciated.

Very truly yours,


Gordon J. Watt
Wastewater Management Section

GJW:he

cc: R. Strzepek, P.E.
J. Finkenberg

COUNTY OF SUFFOLK



PETER F. COHALAN
SUFFOLK COUNTY EXECUTIVE

File

A. BARTON CASS, P.E.
COMMISSIONER
DEPARTMENT OF PUBLIC WORKS

BARNEY A. EVANS, P.E., L.S.
CHIEF DEPUTY COMMISSIONER
DEPARTMENT OF PUBLIC WORKS

January 17, 1983

Mr. Jerrold Roth
Tronic Plating Co.
168 Central Avenue
Farmingdale, New York 11735

Dear Mr. Roth:

A preliminary meeting and inspection was held at your facility on January 12 regarding a building sewer connection to the Southwest Sewer District #3. As a result of our meeting, we advised you that an engineering review of your operation would be required since you plan to discharge the wastewater from certain processes to the sewer. We provided you with a copy of our guidelines for preparing and submitting a pretreatment engineering report. Also included in the package were the necessary forms (Parts 1, 2 and 3) for obtaining a building sewer connection permit. Since it is not certain whether the other facilities on the parcel will be connected, the connection of your facility for both sanitary and industrial wastewater must include access for these other facilities. At the time the application is filed in this office, we will inspect the other facilities to determine whether they are producing any significant discharge to ground which must also be considered as a potential sewer discharge.

Very truly yours,

John A. Frizzola

John A. Frizzola
Asst. Sanitary Engineer

JAF:ln

- cc: Gordon Watt
Wastewater Management Section
Suffolk County Dept. of Health Services
Farmingdale, New York 11738
- cc: R.E. Strzepek, P.E., Supervisor
Industrial Wastes/Special Permits Unit

RECEIVED

JAN 21 1983

SUFFOLK COUNTY
JOB NO. _____

Dec. 13, 1982

Mr. Jerry Roth
Tronic Plating Co., Inc.
168 Central Ave.
Farmingdale, N.Y. 11735

Re: Installation of Berms to
Conform with Article 12
SCDES Job No. MM S2-113

Dear Mr. Roth:

I have reviewed the floor plan of your shop that you submitted for compliance with Article 12 of the Suffolk County Sanitary Code. Before the Department can issue a permit to construct, the following points must be addressed:

1. Article 12 requires that indoor tanks containing toxic or hazardous materials be placed on a concrete surface that has been made impervious and chemically resistant to the chemicals being stored. In order for this to be done properly, the tanks will have to be taken out of service and removed from the plating room. The floor would then have to be patched in order to form a suitable surface for the coating and then the coating would be applied to the floor and berms.
2. The floor trough in your plating room that leads to the waste holding tanks will also have to be prepared and coated as in item #1 above. You should also be aware that Article 12 requires all underground piping to be double-walled or placed in product-tight trenches.
3. You must provide a containment berm for your waste holding tanks equivalent to 110% of the volume of the tanks. The

Mr. Jerry Roth
Tronic Plating Co., Inc.

- 2 -

Dec. 13, 1982

floor and berms in this area must also be coated.

4. If a sprinkler system is located in your plating room then you must have head deflectors or the tanks must be fitted with automatic covers to prevent overflow in case of a fire.

Prior to any construction you must submit plans to this Department and obtain a permit to construct. Because of the extent of the work involved you must have a licensed professional engineer submit the plans for upgrading your facility. The plans should show all proposed structural changes including installation of berms, piping, concrete work and floor coating. A product bulletin on the type of coating that will be used should be submitted with the plans.

Three copies of your plans should be submitted within the next 60 days. If your plans are approved a permit to construct will be issued which will be valid for one year.

If I can be of assistance please do not hesitate to contact me.

Very truly yours,

Peter R. Akran
Hazardous Materials Management

PRA/rt