

152140

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

152140

Site Name NATIONAL HEATSET PRINTING DEC I.D. Number ~~1521502~~

Current Classification \_\_\_\_\_

Activity  Add as Class 2  Reclassify to \_\_\_\_\_  Delist Category \_\_\_\_\_  Modify \_\_\_\_\_

Approvals.

Regional Hazardous Waste Engineer Yes  No  \_\_\_\_\_

NYSDOH Yes  No  \_\_\_\_\_

DEE Yes  No  \_\_\_\_\_

BHSC: a. Investigation Section Yes  No  \_\_\_\_\_

b. Site Control Section Robert Manning Date 12/14/92

c. Director [Signature] Date 12/15/93

DHWR Assistant Director Charles [Signature] Date 1/17/93

*Notification letter mailed 4/12/93*

For Proposed Class 2a Sites Only:

Anticipated Action: \_\_\_\_\_  
\_\_\_\_\_

By Whom: \_\_\_\_\_

Time Frame: \_\_\_\_\_

10/24/91

## REGISTRY SITE CLASSIFICATION DECISION

<b>1. SITE NAME</b> Heatset Printing Co.		<b>2. SITE NO</b> 152502		<b>3. TOWN/CITY/VILLAGE</b> Babylon		<b>4. COUNTY</b> Suffolk																										
<b>5. REGION</b> 1		<b>6. CLASSIFICATION</b> <div style="display: flex; justify-content: space-around;"> <span>Current</span> <span>Proposed 2</span> <span>Modify</span> </div>																														
<b>7. LOCATION OF SITE (Attach U.S.G.S Topographic Map showing site location)</b>																																
a. Quadrangle Amityville		b. Site Latitude 40°41'10"		Longitude 73°24'48"		c. Tax Map Number 0100-097-01-020.001																										
<b>8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations)</b>																																
<p>Site is an industrial building formerly partially leased and occupied by National Heatset Printing Co. which had a history of discharging organic contaminants into leaching pools at the northeast side of the building. Company was a tricolor printer or newspaper and periodical advertisements. Process consisted of lithographic printing and manufacture of lithographic plates.</p> <p>a. Area <u>4.5</u> acres      b. EPA ID Number <u>NYD101199693</u></p> <p>c. Completed ( ) Phase I ( ) Phase II ( ) PSA ( ) RI/FS ( ) PA/SI ( ) Other</p>																																
<b>9. HAZARDOUS WASTES DISPOSED</b>																																
<p>Purgeable halocarbons 2/aromatics, other organic solvents and acids, alkalines and inorganic reducing agents. Trichloroethylene, Tetrachloroethene and 1,1,1-Trichloroethane found in soil/groundwater samples are F002 type listed hazardous wastes.</p>																																
<b>10. ANALYTICAL DATA AVAILABLE</b>																																
<p>a. ( ) Air (x) Groundwater ( ) Surface Water (x) Soil ( ) Waste ( ) EPTox ( ) TCLP</p> <p>b. Contravention of Standards or Guidance Values</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Soil (ppb)</th> <th style="text-align: center;">Groundwater (ppb)</th> <th colspan="2" style="text-align: center;">GW Stds. (Drinking Water Standards)</th> </tr> </thead> <tbody> <tr> <td>Tetrachloroethene</td> <td style="text-align: center;">14,000,000</td> <td style="text-align: center;">2,700</td> <td style="text-align: center;">5 ppb</td> <td></td> </tr> <tr> <td>Trichloroethylene</td> <td style="text-align: center;">62,000</td> <td style="text-align: center;">110</td> <td style="text-align: center;">5 ppb</td> <td></td> </tr> <tr> <td>1,1,1-Trichloroethane</td> <td style="text-align: center;">1,600</td> <td style="text-align: center;">26</td> <td style="text-align: center;">5 ppb</td> <td></td> </tr> <tr> <td>1,2-Dichloroethene</td> <td style="text-align: center;">4,100</td> <td style="text-align: center;">180</td> <td style="text-align: center;">5 ppb</td> <td></td> </tr> </tbody> </table>									Soil (ppb)	Groundwater (ppb)	GW Stds. (Drinking Water Standards)		Tetrachloroethene	14,000,000	2,700	5 ppb		Trichloroethylene	62,000	110	5 ppb		1,1,1-Trichloroethane	1,600	26	5 ppb		1,2-Dichloroethene	4,100	180	5 ppb	
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<b>11. JUSTIFICATION FOR CLASSIFICATION DECISION</b>																																
<p>Samples obtained from leaching pools indicate illegal discharge of PCE. Subsequent groundwater samples also indicate contamination with PCE, TCE and 1,2-Dichloroethene. Since the groundwater contamination is within a sole source aquifer and threatens a downgradient public supply well, this site poses a significant threat to the public health. Since the groundwater contamination has affected five private wells and is within a sole source aquifer, this site poses a significant threat to public health.</p>																																
<b>12. SITE IMPACT DATA</b>																																
<p>a. Nearest surface water: Distance <u>9000</u> ft.      Direction <u>S</u>      Classification _____</p> <p>b. Nearest Groundwater: Depth <u>13</u> ft.      Flow Direction <u>SSE</u>      (X) Sole Source ( ) Primary ( ) Principal</p> <p>c. Nearest water supply: Distance <u>6000</u> ft.      Direction <u>NE</u>      Active (x) Yes ( ) No</p> <p>d. Nearest building: Distance <u>ADJ</u> ft.      Direction <u>SW</u>      Use <u>Industrial</u></p> <p>e. In State Economic Development Zone?      ( ) Y (X) N</p> <p>f. Crops or livestock on site?      ( ) Y (X) N</p> <p>g. Documented fish or wildlife mortality?      ( ) Y (X) N</p> <p>h. Impact on special status fish or wildlife resource?      ( ) Y (X) N</p> <p>i. Controlled site access?      ( ) Y (X) N</p> <p>j. Exposed hazardous waste?      ( ) Y (X) N</p> <p>k. HRS Score _____</p> <p>l. For Class 2: Priority Category <u>I</u></p>																																
<b>13. SITE OWNER'S NAME</b>			<b>14. ADDRESS</b>			<b>15. TELEPHONE NUMBER</b>																										
Michael Adamowicz III			275 Adams Blvd. E/Farmingdale, NY 11735			(516) 293-7397																										
<b>16. PREPARER</b>				<b>17. APPROVED</b>																												
Girish Desai				<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p><i>Cecil Johnson</i></p> <p>12/29/92</p> <p>Signature      Date</p> </div> <div style="text-align: center;"> <p><i>Charles A. Johnson</i></p> <p>1/12/93</p> <p>Signature      Date</p> </div> </div>																												
Girish Desai, Env. Eng. I, NYSDEC, Region 1				<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p><i>Res + Dir</i></p> <p>Name, Title, Organization</p> </div> </div>																												

CLASSIFICATION WORKSHEET

Site: NATIONAL HEATSET PRINTING County: SUFFOLK Region: 1

- 1. Hazardous waste disposed?  Y (to 2)     N (Stop)     U (Stop)
- 2. Consequential amount of hazardous waste?  Y (to 3)     N (Stop)     U (to 3)
- 3. Part 375-1.4(a)(1) applies?  N (to 4)     U (to 4)  
 Y (as checked below; Class 2; to 5)

- a. endangered or threatened species
- b. streams, wetlands or coastal zone
- c. bioaccumulation.
- d. fish, shellfish, crustacea or wildlife
- e. fire, spill, explosion or toxic reaction
- f. proximity to people or water supplies

5 PRIVATE WATER SUPPLY WELLS ARE CONTAMINATED WITH TETRACHLOROETHYLENE, TRI-CHLOROETHYLENE AND 1,2 DICHLOROETHYLENE. A PUBLIC SUPPLY WELL DOWNGRADEMENT IS THREATENED.

- 4. Part 375-1.4(a)(2) applies?  N (C1 3; Stop)     U (C1 2a; Stop)  
 Y (Class 2; to 5)

- 5. Factor(s) considered in making this determination:  
TETRACHLOROETHYLENE WAS ILLEGALLY DISCHARGED INTO  
c. MANNER OF DISPOSAL: LEACHING POOLS ON THE PROPERTY.  
DUE TO THE LOCATION OF THE SITE (LONG ISLAND), THE SOIL  
d. NATURE OF SOILS: BENEATH THE SITE IS MOST LIKELY SAND AND GRAVEL.  
TETRACHLOROETHYLENE: 19,000,000 PPB IN SOIL  
g. LEVELS OF CONTAMINANTS: 2,700 PPB IN G/W; 5 PPB STANDARD  
DUE TO THE LOCATION OF THE SITE (LONG ISLAND), THE SITE  
i. PROXIMITY OF SITE: IS UNDERLAIN BY A SOLE SOURCE AQUIFER.

SUMMARY

Consequential Hazardous Waste     Yes     No     Unknown  
Significant Threat     Yes     No     Unknown  
Proposed Classification 2    Site Number 152502

12/30/92  
Date

David K. Hamilton ENVIRONMENTAL ENGINEER I  
Signature and Title

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

SITE I.D. 152502 SITE NAME NATIONAL HEATSEY PRINTING

**Priority I** - Sites for which remediation should supersede all other Class 2 sites. Priority I can be assigned if any one of the following questions can be answered affirmatively.

- a) Has a public or private water supply which is currently in use been contaminated or threatened?....
  - b) Has human exposure to contaminants (or the potential for exposure) been identified which represents a significant health risk as determined by DOH?.....
  - c) Has bioaccumulation of site contaminants in flora or fauna resulted in a health advisory?.....
  - d) Are site contaminants present at levels that are acutely toxic to fish or wildlife or that have caused documented fish or wildlife mortality?.....
- [If 1 or more boxes are checked, check this box]  (1)

**Priority II** - Important Sites. Priority II will be assigned if any of the following questions can be answered affirmatively.

- a) Has a Class A or AA surface water body, primary or principal aquifer been contaminated or threatened without affecting an existing water supply?.....
  - b) Has bioaccumulation of site contaminants in flora or fauna resulted in actionable levels (but not a health advisory)?.....
  - c) Are contaminants at levels chronically toxic to fish/wildlife?.....
  - d) Have endangered, threatened or rare species, significant habitats, designated coastal zone or regulated wetlands been impacted by releases from the site?.....
- [If 1 or more boxes are checked, check this box]  (2)

**Priority III** - will be assigned unless one or more of the site prioritization criteria, specified above, apply to a site. After remedial needs for Priority I and II sites have been accommodated, remediation of sites under this category can be considered. If Priority III, check box 3.  (3)

Enter the number of the priority box checked 1, 2, or 3 here..... 1  (4)  
This is the site's priority rank.

**FACTORS**

**IJC Factor** - If the sites has been identified by the International Joint Commission (IJC) as a component in a remedial action plan, subtract (1) from the value in box 4 and enter the result in box 5.....  (5)  
Yes No

**EDZ Factor** - If the site is within a New York State designated Economic Development Zone (EDZ) should this fact cause the site priority to be raised?.....   (4)

**Community Support Factor** - If the site has been targeted for local government-supported development by a developer willing to sign a consent order with DEC to finance investigation and remediation should this fact cause the site priority to be raised?.....   (4)

If either "yes" box is checked, subtract 1 from the value in box 4 and enter the result into box 6. If "no" is checked, the value in box 6 equals box 4 (or box 5 if applicable). If both IJC and EDZ/Community Support factors apply, only 1 (not 2) will be subtracted from the value in box 4. The resultant value in box 6 will never be less than 1..... 1 (6)

**IRM NOTE:** Should this site be considered a candidate for an Interim Remedial Measure (IRM) as defined by 6NYCRR Part 375-1.3n? Yes No

If "yes" please explain why: \_\_\_\_\_

Preparer DAVID HARRINGTON ENVIRONMENTAL ENGINEER I Date 12/30/92



ANALYTICAL DATA AVAILABLE:

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

CONTRAVENTION OF STANDARDS:

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

LEGAL ACTION:

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

REMEDIAL ACTION:

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

GEOTECHNICAL INFORMATION:

SOIL TYPE: Sand and Gravel  
GROUNDWATER DEPTH: Approximately 13 feet

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Groundwater contamination has affected a sole source aquifer. Five private water supply wells were contaminated and public water was supplied. A public supply well field is 6,000 feet downgradient from this site.

ASSESSMENT OF HEALTH PROBLEMS:

Five private wells have been contaminated and public water was provided to those residents affected. A public water supply well field is 2000M downgradient from the site. So far no contamination has been detected in samples from this supply. The site was recently added to the registry and the information available is limited. Further evaluation of the potential for human exposure to contaminants from the site will be performed as investigations are conducted. There have been no complaints of odors coming from this site.

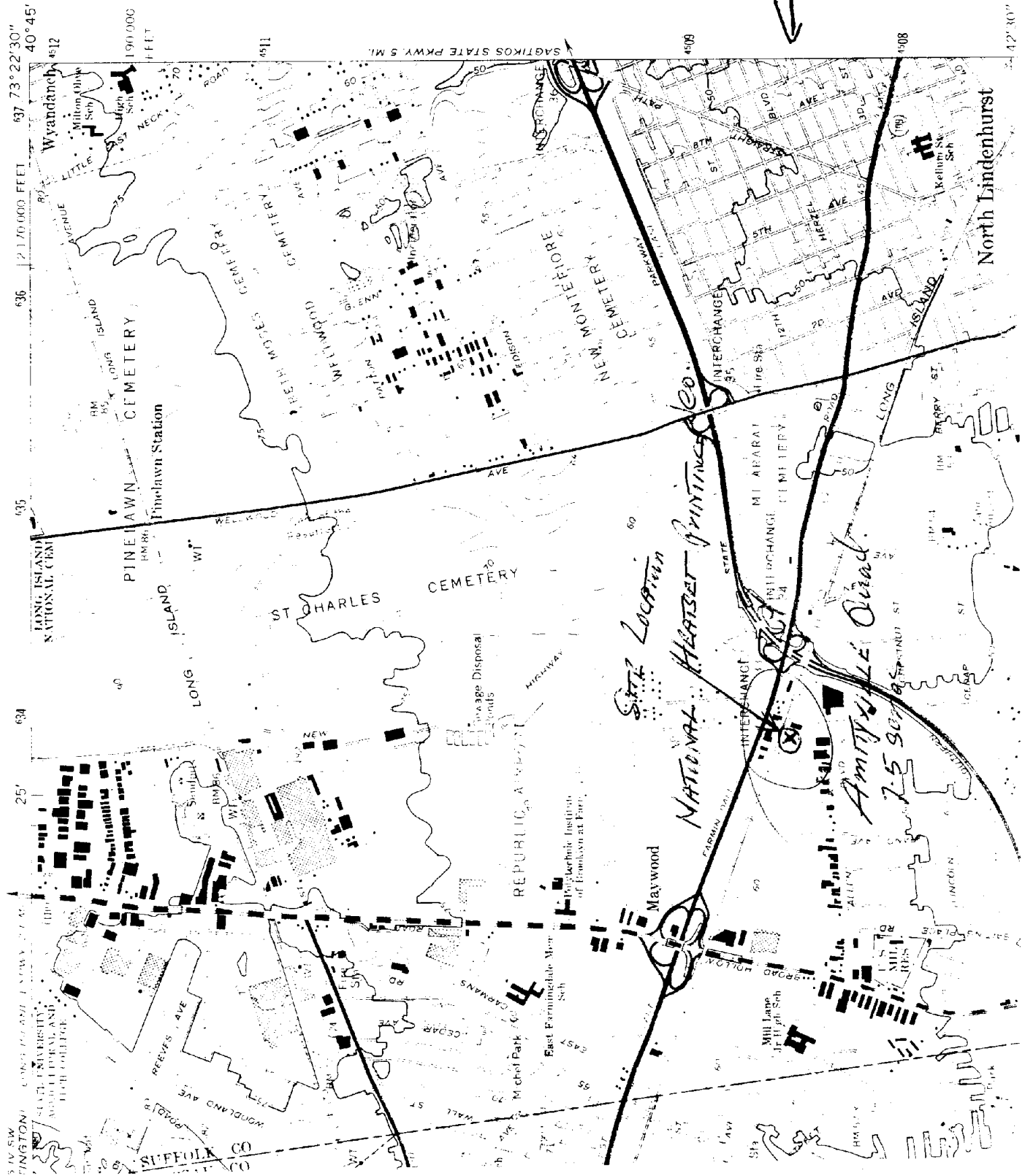
GREENLAND

NEW YORK  
7.5 MINUTE SERIES (TOPOGRAPHIC)

NW 1/4 BABYLON 1" QUADRANGLE



NEW YORK  
TRANSPORTATION



*SITE LOCATION*

*NATIONAL HARSET PRINTING CO*

*Amityville Road*

*7.5 MINUTE SERIES*

North Lindenhurst

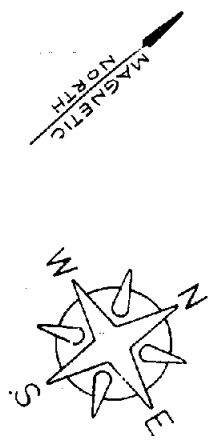
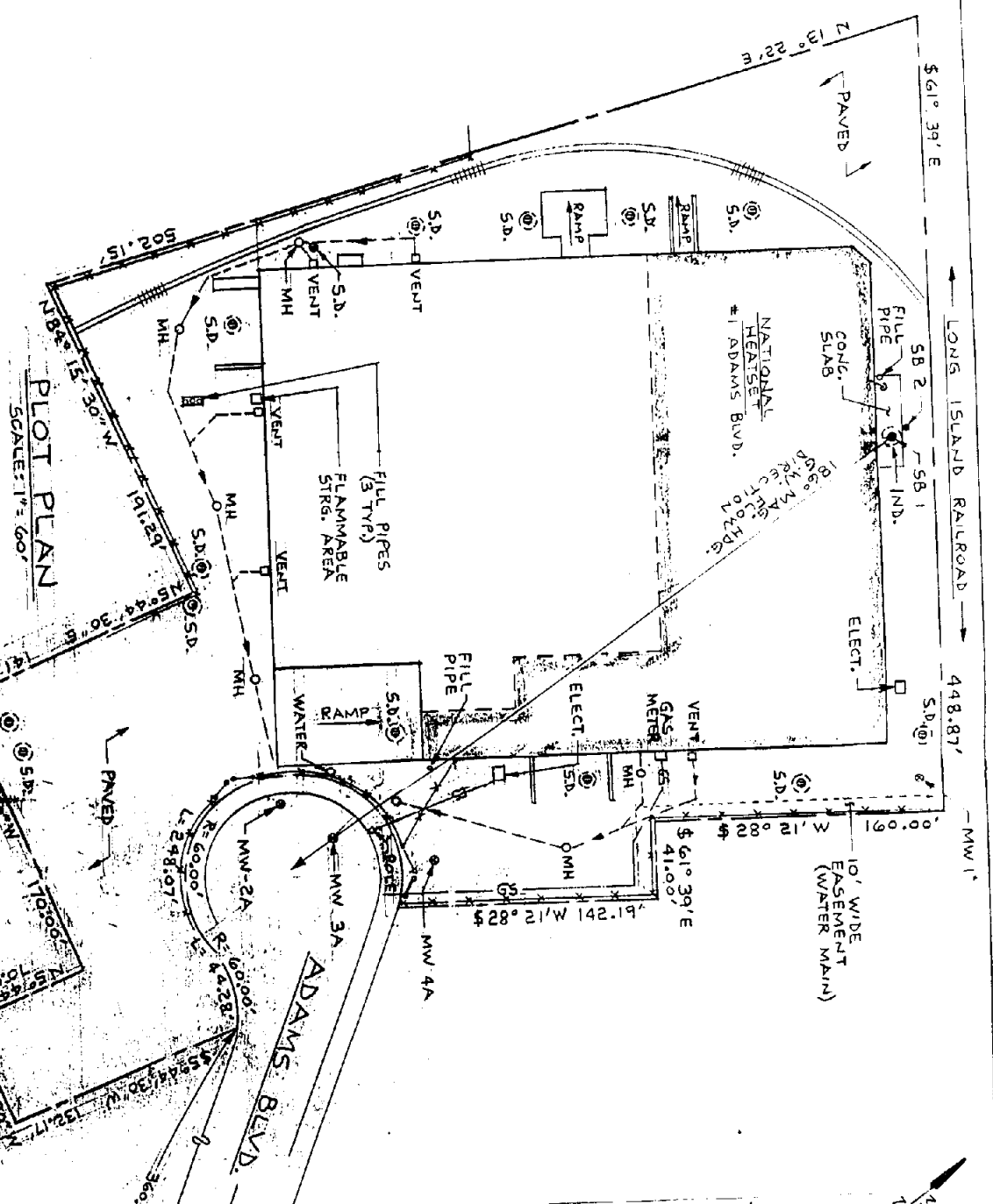
42° 30'

**NOTE:**  
 PLOT TAKEN FROM SURVEY OF PROPERTY  
 NEAR FARMINGDALE, TOWN OF BABYLON  
 SUFFOLK CO., N.Y. DATED 10-4-72 BY HAROLD R. BAUSCH.

**PLOT PLAN**  
 SCALE: 1" = 60'

FIG. 2

FOR NATIONAL HEATSEET  
 BY DONALD E. WYATT, ENGINEERING  
 PATENT JAN 31, 1989, DWG. NH-82  
 REV 3 / DELETED WELLS 28.38 498 / 8-1-8



- LEGEND:**
- S.D.: STORM DRAIN
  - IND.: INDUSTRIAL L.P. MONITORING WELL (PROPOSED)
  - GS: GAS SERVICE
  - ES: ELECTRIC SERVICE
  - MH: MANHOLE COVER



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



Thomas C. Jorling  
Commissioner

This letter was sent to the people on the attached list.

Re: National Heatset Printing Co., Site #152140

Dear :

Under provisions of the New York State Environmental Conservation Law, the Department of Environmental Conservation maintains a Registry of sites which have been used for the disposal of hazardous waste. Property located at 1 Adams Boulevard in the Town of Babylon and County of Suffolk and designated as Tax Map Number 0100-97-1-20.1 was recently added to the Registry. This notice of this recent action is being sent to you pursuant to the regulations governing the management of this program. Notice must be given to clerks of the county, the town or city (as the case may be), and (where located in one) the village, within which the site is located, and adjacent property owners.

The reason for this recent Department action is as follows:

- Hazardous waste disposal has contaminated soils and groundwater. A sole source aquifer and private wells have been contaminated.

To help you better understand the significance of the site classification, enclosed is a brief description of each classification code and a two page summary of the subject site, as it appears in the Registry. For more information about this site or general information about the Inactive Hazardous Waste Site Remediation Program, please call 1-800-342-9296 toll free.

**Attention Property Owners:** If the property you own has been leased to someone else, please pass this notice on to the lessee. If you no longer own the property near the subject site, please provide this notice to the new owner and provide this office with the name and address of the new owner so that we can correct our records.

Sincerely,

Robert L. Marino  
Chief  
Site Control Section  
Bureau of Hazardous Site Control  
Division of Haz. Waste Remediation

Enclosure

bcc: w/Enc.  
L. Ennist  
A. Carlson

w/o Enc.  
R. Marino  
J. Swartwout  
J. Epstein  
D. Farrar

DF/srh