932042

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

Site Name Niagara Recycling DEC I.D. Number 932042

Current Classification 2a

Activity ☐ Add as Class___ ☑ Reclassify to 4 ☐ 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 Jaworski Date 5/20/91

c. Director [signature] Date 5/30/91

DHWR Assistant Director Charles Holland Date 6/3/91

• 1991-92 •

Sent 6/17/91

Tony —
Note the CN & note & Comply, please.

Bob

DIVISION OF HAZARDOUS WASTE REMEDIATION

Copy—DOH
Copy—PREPARER

ADDITIONS/CHANGES TO REGISTRY OF INACTIVE HAZARDOUS WASTE DISPOSAL SITES

1. SITE NAME	2. SITE NO.	3. TOWN	4. COUNTY
Niagara Recycling	932042	Niagara	Niagara

5. REGION	6. CLASSIFICATION	7. ACTIVITY
9	Current 2a /Proposed 4	☐ Add ☒ Reclassify ☐ Delist ☐ Modify

8a. DESCRIBE LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location).

Niagara Recyling (Sanitary Landfills I, II) is located at the CECOS International, Inc. Facility in Niagara Falls, NY

b. Quadrangle Tonawanda West, c. Site Latitude 43°05'28", Longitude 78°59'17" d. Tax Map Number: 7-1-160.06

9a BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations)

Niagara Recycling, the oldest of the sanitary landfills, began receiving waste in 1972 until 1984. These units were closed and capped in 1987. These landfills were constructed as a series of distinct cells with no recompacted clay liner and no leachate collection system. A leachate collection system and perimeter channel was constructed to stop leachate breakouts on the south slope of the landfills. Collected leachate is discharged to the City sanitary sewer and is being monitored. A number of site perimeter monitoring wells are being monitored on a long term basis under the

b. Area 10 acres c. EPA ID Number ____ d. PA/SI ☐ Yes ☐ No RCRA Site Monitorin

e. Completed: ☐ Phase I ☒ Phase II ☒ PSA ☒ Sampling & Assessment Program.

10. BRIEFLY LIST THE TYPE AND QUANTITY OF THE HAZARDOUS WASTE AND THE DATES THAT IT WAS DISPOSED OF AT THIS SITE

Municipal and industrial wastes were deposited from 1972 until 1984. The quantity of waste in these landfills is not known.

11a. SUMMARIZED SAMPLING DATA ATTACHED

☐ Air ☒ Groundwater ☐ Surface Water ☒ Soil ☐ Waste ☐ EP Tox ☐ TCLP. Site leachate analysis

b. List contravened parameters and values

chlorobenzene 130 ppb
Methylene Chloride 540 ppb
Toluene 110 ppb
Acetone 5,100 ppb
2-butanone 200 ppb
4-methyl-2-pentanone 300 ppb
Phenol 560 ppb

12 SITE IMPACT DATA

Niagara River is located to the

a. Nearest surface water: Distance 3700 ft. Direction south from the site Classification Class A

b. Nearest groundwater: Depth 4 ft. Flow Direction South, southeast ☐ Sole Source ☐ Primary ☐ Principal

c. Nearest water supply: Distance n/a ft. Direction Public water supply Active ☐ Yes ☐ No

d. Nearest building: Distance n/a ft. Direction ____ Use ____

e. Crops or livestock on site? ☐ Yes ☒ No

f. Exposed hazardous waste? ☐ Yes ☒ No

g. Controlled site access? ☒ Yes ☐ No

h. Documented fish or wildlife mortality? ☐ Yes ☒ No

i. Impact on special status fish or wildlife resource? ☐ Yes ☒ No

j. Within a State Economic Development Zone? ☐ Yes ☒ No

k. For Class 2a: Code ____ Health Model Score ____

l. For Class 2: Priority Category ____

m. HRS Score n/a

n. Significant Threat ☐ Yes ____ ☒ No ☐ Unknown

13. SITE OWNER'S NAME	14. ADDRESS	15. TELEPHONE NUMBER
Niagara Recycling, Inc.	2321 Kenmore Avenue P.O. Box 9 Kenmore, NY 14217	(716) 873-7500

16. PREPARER

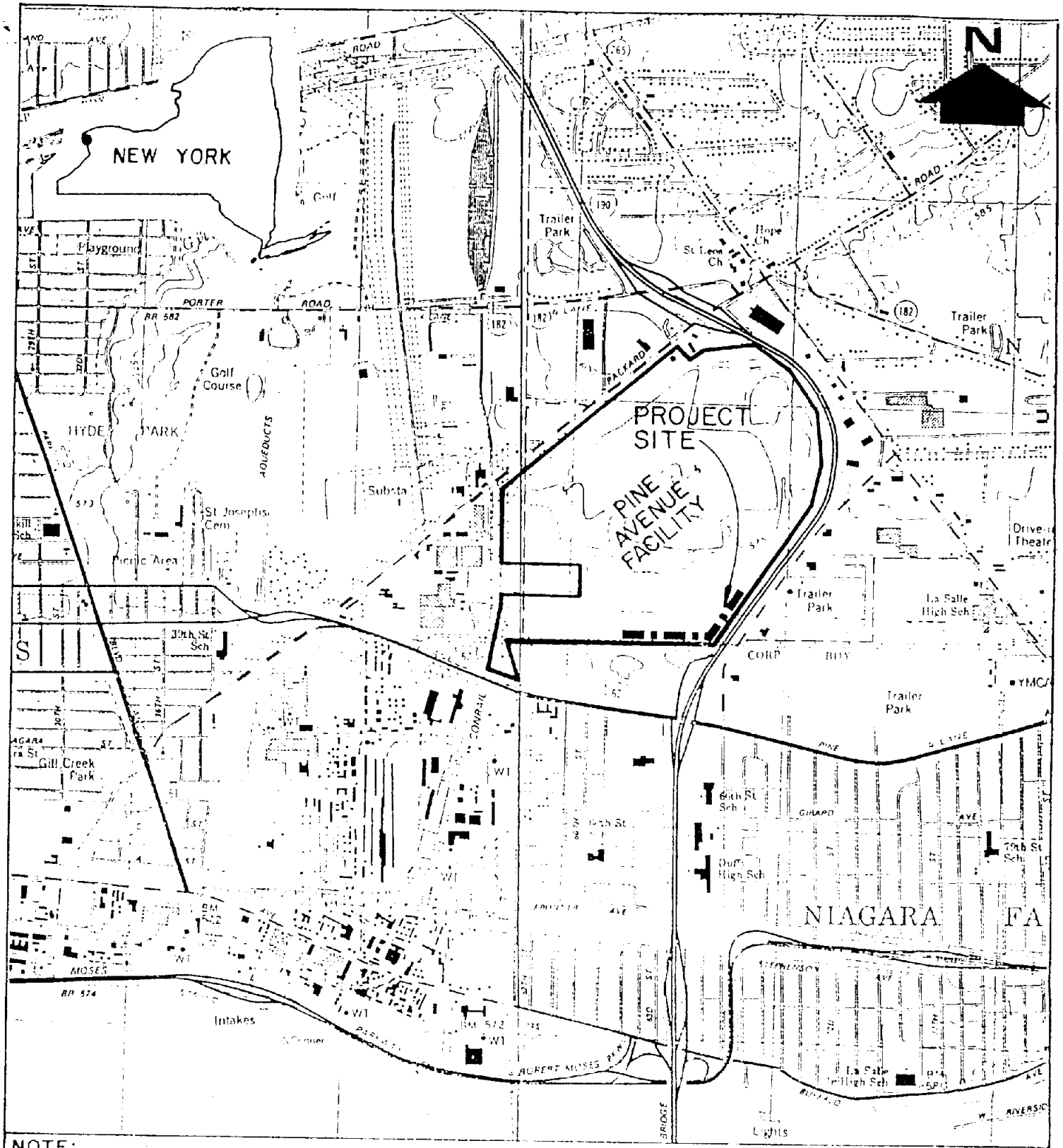
Yavuz Erk — Environmental Engineer II
Name, Title and Organization

3/5/91 Date — Yavuz Erk Signature

17 APPROVED/

Richard H. Dana Chief Bur of Technical Services, DEC
Name, Title and Organization

3/27/91 Date — Richard H. Dana Signature



NOTE:
BASE MAP ADAPTED FROM NIAGARA FALLS, N.Y. - ONT. - 1980 AND TONAWANDA WEST, N.Y. - 1980 U.S.G.S. QUADRANGLE MAPS.

FILE No. R5661.3

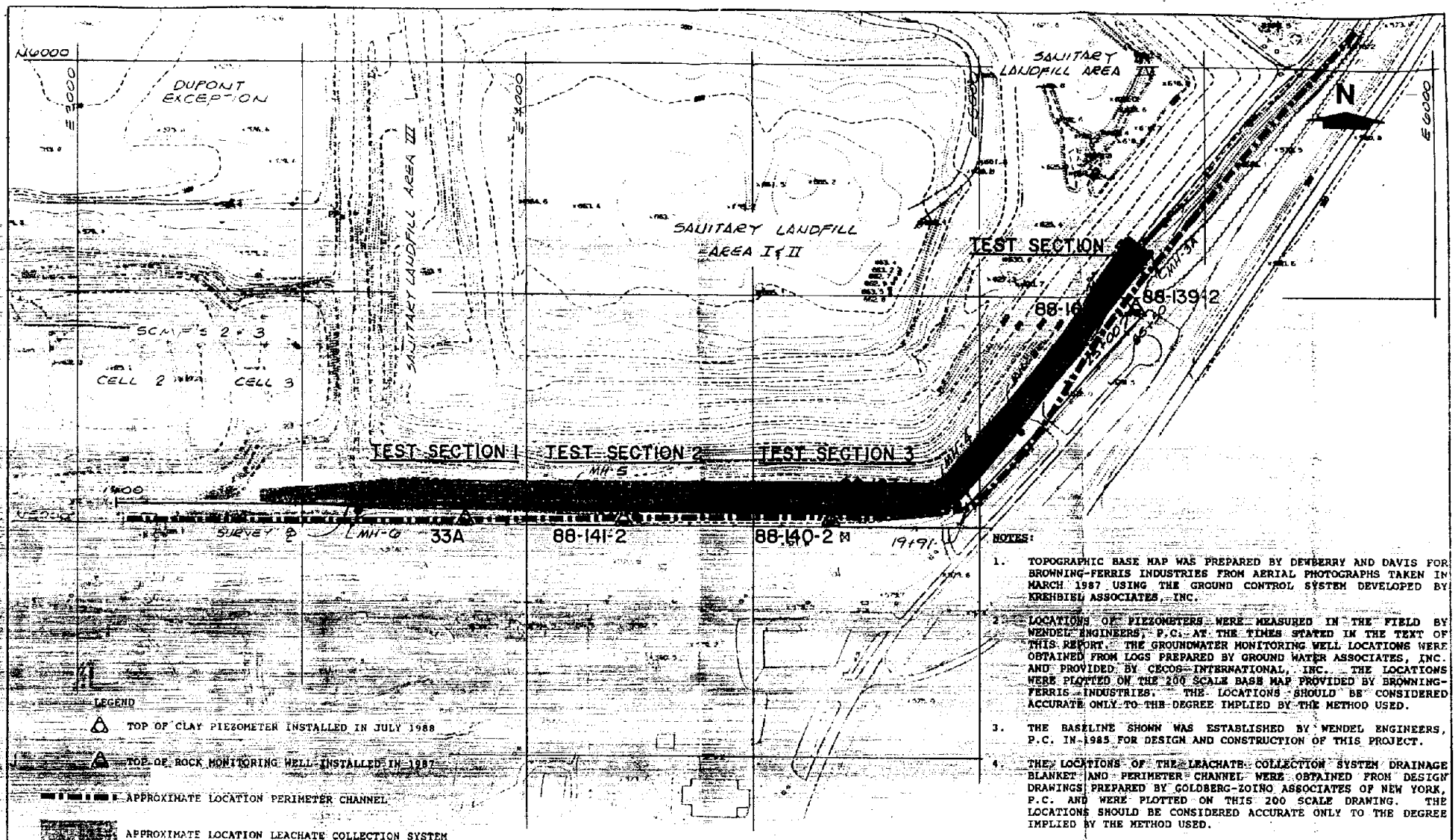
GZA

NIAGARA RECYCLING, INC.
NIAGARA FALLS, NEW YORK FACILITY
SANITARY LANDFILLS
I, II AND IV
LEACHATE COLLECTION SYSTEM

LOCUS PLAN

MAY 1990

FIGURE 1



NOTES:

1. TOPOGRAPHIC BASE MAP WAS PREPARED BY DEWBERRY AND DAVIS FOR BROWNING-FERRIS INDUSTRIES FROM AERIAL PHOTOGRAPHS TAKEN IN MARCH 1987 USING THE GROUND CONTROL SYSTEM DEVELOPED BY KREHBIEL ASSOCIATES, INC.
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4. THE LOCATIONS OF THE LEACHATE COLLECTION SYSTEM DRAINAGE BLANKET AND PERIMETER CHANNEL WERE OBTAINED FROM DESIGN DRAWINGS PREPARED BY GOLDBERG-ZOINO ASSOCIATES OF NEW YORK, P.C. AND WERE PLOTTED ON THIS 200 SCALE DRAWING. THE LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

GZA

SCALE 1"=200'

NIAGARA RECYCLING INC.
NIAGARA FALLS, NEW YORK FACILITY
SANITARY LANDFILL I II AND IV
LEACHATE COLLECTION SYSTEM PROJECT

PIEZOMETER AND GROUNDWATER WELL LOCATION PLAN

MAY 1990

FIGURE 2

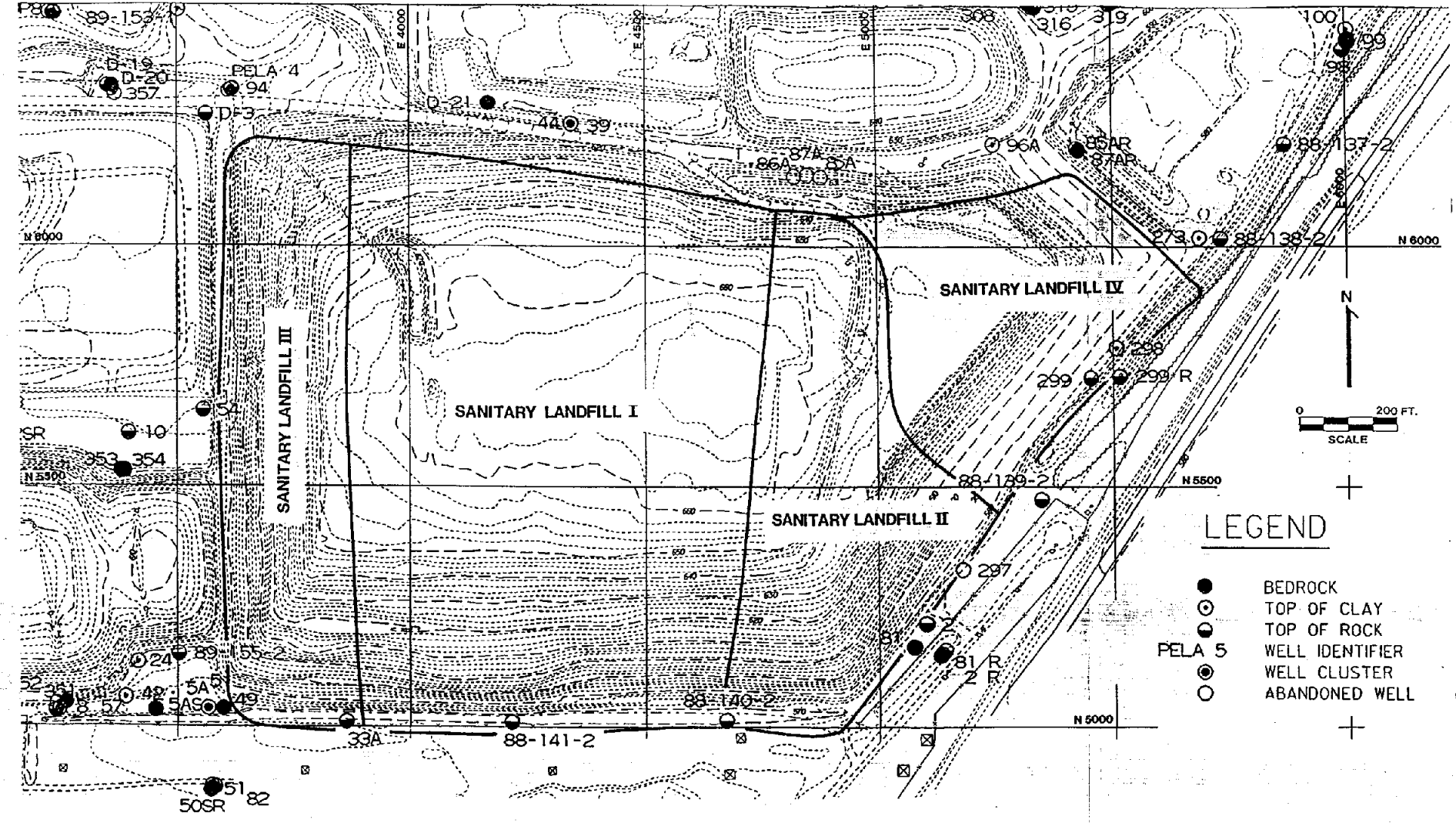

FIGURE 2-2

SANITARY LANDFILL V AND MONITORING WELLS LOCATIONS

SANITARY LANDFILLS SWMU INVESTIGATIONS

CECOS NIAGARA FALLS FACILITY

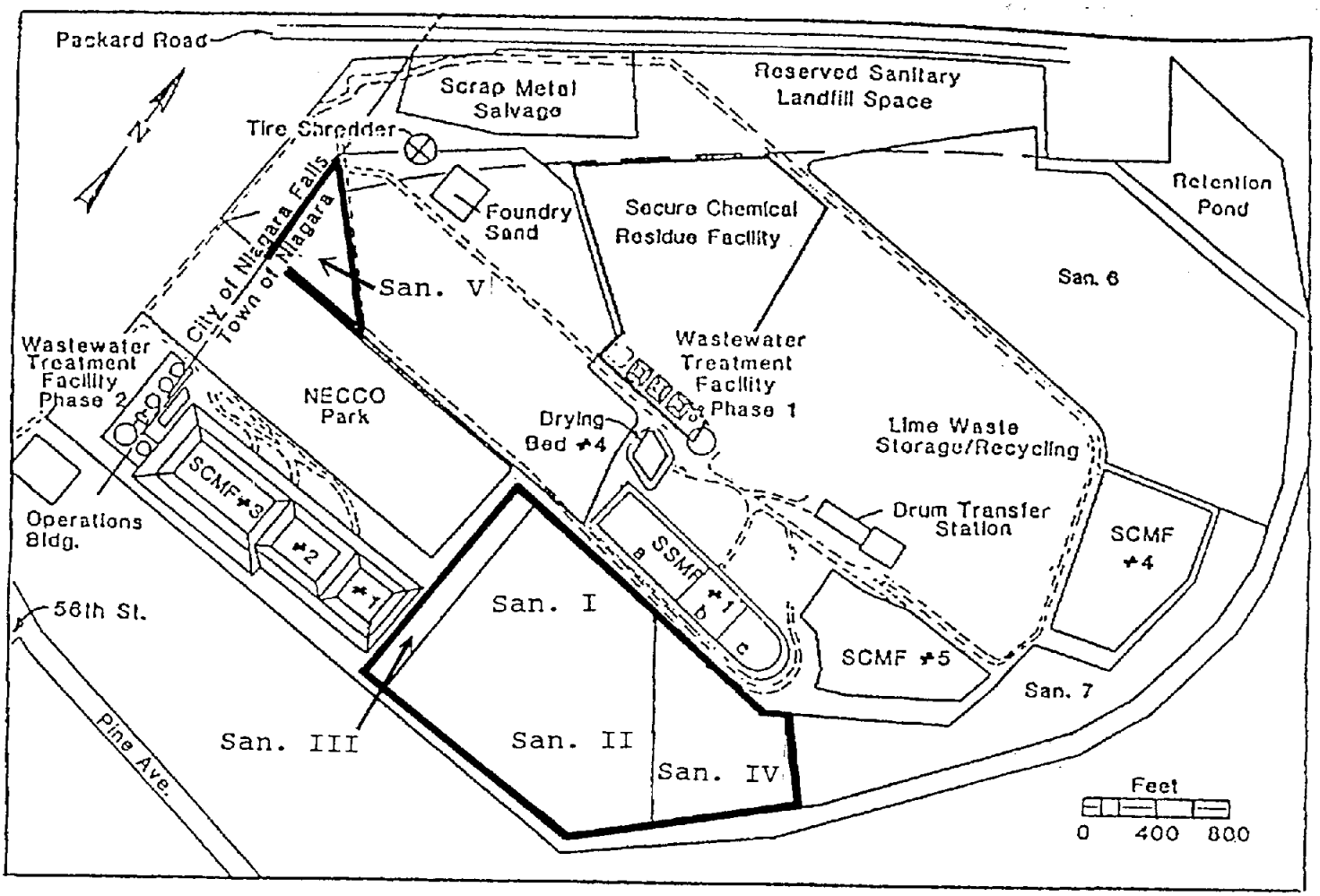

FIGURE 1-1

SWMU LOCATION MAP

SANITARY LANDFILLS SWMU INVESTIGATIONS

CECOS NIAGARA FALLS FACILITY

New York State Department of Environmental Conservation

Thomas C. Jorling
Commissioner

M E M O R A N D U M

TO: Mr. Robert Marino

FROM: Mr. Yavuz Erk Y Erk

SUBJECT: Niagara Recycling (932042), Niagara (T), Niagara County, NY

DATE: March 4, 1991

Niagara Recycling is a 2a site, located at the CECOS International, Inc. Facility (CECOS), in Niagara Falls, New York.

The site (includes two sanitary landfills) which was capped in 1987 was operated from 1972 to 1984 and has received municipal and hazardous industrial wastes. Because they were the oldest sanitary landfills, they were constructed as a series of distinct cells with no recompacted clay liner and no leachate collection system. The leachate mounds beneath the landfills and flows to the south in the direction of groundwater flow. This mounding had resulted in the leachate breakouts observed on the south slope of the landfills. This prompted the construction of the leachate collection system and perimeter channel in 1987. The collected leachate is pumped to discharge to the City of Niagara Falls sanitary sewer system. The quality of leachate is monitored under a city permit and the perimeter monitoring wells around the landfills are monitored on a long time basis under the RCRA Site Maintenance and Operation Program.

CECOS has investigated the Niagara Recycling site in October 1989 to satisfy facility permit conditions. Groundwater samples were collected from a number of perimeter monitoring wells and from a manhole in the leachate collection system for chemical analysis. Although extensive contamination was found in site groundwater, the source is other than the sanitary landfills. The NYSDEC has asked CECOS to continue monitoring the site groundwater.

cc: Mr. Joseph Sciascia

SITE DESCRIPTION: VAN DE MARK CHEM CO, LANDFILL,MILL ST.,LOCKPORT NY 14094
SITE CODE: 9-32-039

WASTE DESCRIPTION	QUANTITY	U	L	S	D	GENERATOR NAME	ID
HEXACHLORODISILOXANE	618.00	T	X	-	X	VAN DE MARK CHEMICAL CO.INC.	G0914955
HEXACHLORODISILOXANE	404.00	T	X	-	X	VAN DE MARK CHEMICAL CO.INC.	G0914955

TRANSPORTERS - RESPONDING WITH QUESTIONNAIRE	ID NUMBER
VAN DE MARK CHEMICAL CO	T0901674

SITE DESCRIPTION: REICHHOLD CHEMICALS INC.,5000 PACKARD RD,NIAGARA FALLS NY
SITE CODE: 9-32-040

WASTE DESCRIPTION	QUANTITY	U	L	S	D	GENERATOR NAME	ID
PROCESS WATER W/ PHENOL,PHENOLIC RESIN	500.00	T	X	-	-	REICHHOLD CHEMICALS INC.	G0914841

SITE DESCRIPTION: NIAGARA RECYCLING INC,56TH ST,NIAGARA FALLS,NY .
SITE CODE: 9-32-042

WASTE DESCRIPTION	QUANTITY	U	L	S	D	GENERATOR NAME	ID
BRINE MUD	22,300.00	T	-	X	-	OLIN CORP. CHEMICALS GROUP (NIAGA	G0914876
COOKER WASTE OIL FROM THE WWT OPERATIONS *	5.50	T	X	-	-	GENERAL MOTORS CORP.(CHEVROLET-BU	G0915176
GRAPHITE	9.60	T	-	X	X	OLIN CORP. CHEMICALS GROUP (NIAGA	G0914876
METHYL METHACRYLATE*, METHYLENE CHLORIDE*, INERT FILLER	250.00	T	X	-	X	E.I.DUPONT DE NEMOURS & CO.(YERKE	G0914980
RETORT ASH	33.00	T	-	X	X	OLIN CORP. CHEMICALS GROUP (NIAGA	G0914876
SECONDARY TREATMENT SLUDGE	83.00	T	-	X	X	OLIN CORP. CHEMICALS GROUP (NIAGA	G0914876
SODIUM HYDROXIDE SOLUTION	26.00	T	X	-	-	GENERAL ELECTRIC CO (RIVERVIEW PL	G0410288
WASTE SULFURIC ACID	571.00	T	X	-	-	ELDERLEE	GX800662
WASTE SULFURIC ACID	1,067.00	T	X	-	-	ELDERLEE	GX800662
WASTE SULFURIC ACID	620.00	T	X	-	-	ELDERLEE	GX800662

* Confirmed by generator sample

SITE DESCRIPTION: FRONTIER CHEMICAL WASTE PROCESS INC,TOWNLINE RD.,PENDLETON,N
SITE CODE: 9-32-043

WASTE DESCRIPTION	QUANTITY	U	L	S	D	GENERATOR NAME	ID
GENERAL & MISC. ORGANIC, SOLVENT AND RESIDUE WASTE			X	X	X	OLIN CORP.	G0813254
MISCELLANEOUS LABORATORY CHEMICALS	76.00		X	X	-	UNION CARBIDE CORP. (LINDE DIVISION)	G0915407
MISCELLANEOUS WASTES	187.00	T	X	-	X	UNION CARBIDE CORP. (LINDE DIVISION)	G0915407
SPENT PICKLING SOLUTIONS	62.00	T	X	-	-	UNION CARBIDE CORP. (LINDE DIVISION)	G0915407

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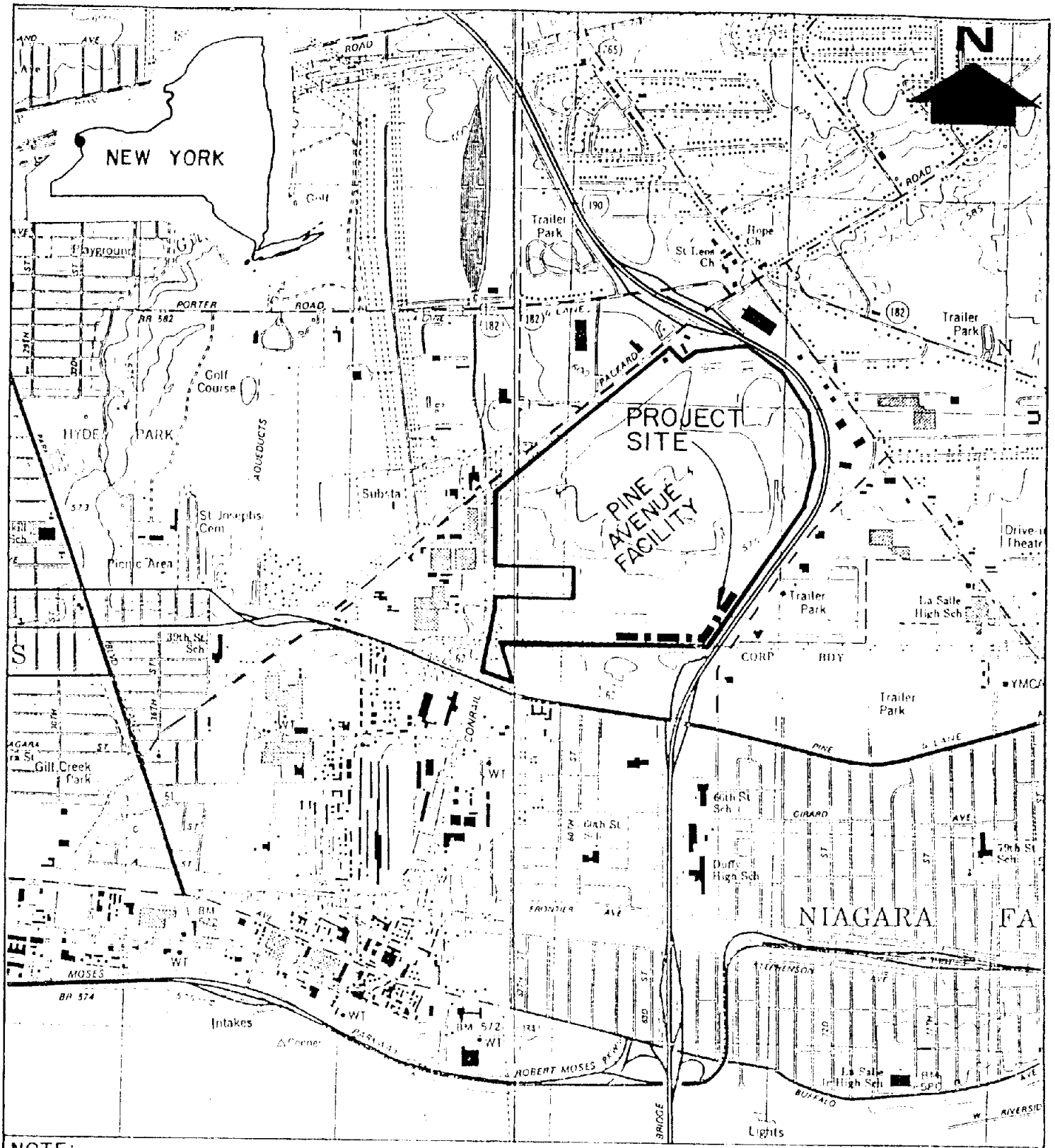

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0 1000 2000 3000 4000
SCALE IN FEET

FILE No. R5661.3

GZA

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SANITARY LANDFILLS
I, II AND IV
LEACHATE COLLECTION SYSTEM

LOCUS PLAN

MAY 1990

FIGURE 1

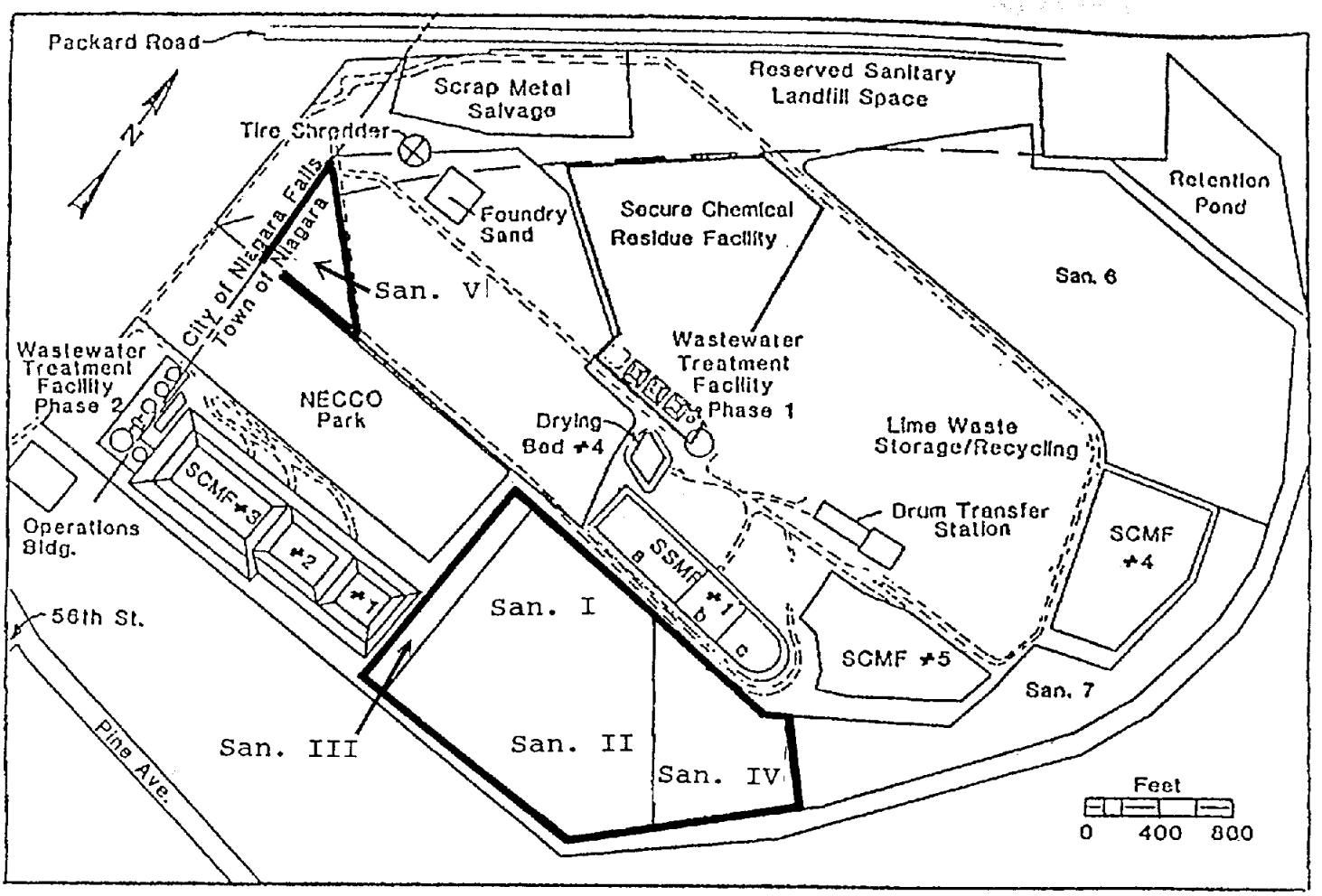
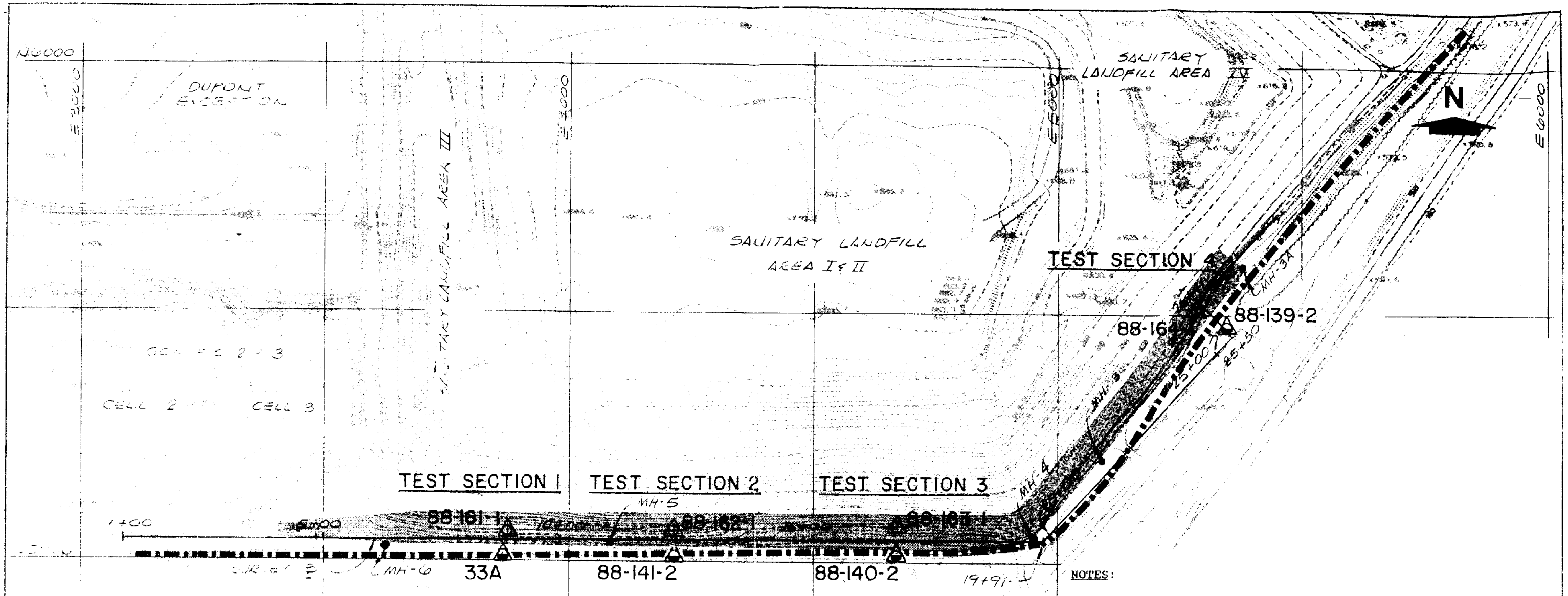


FIGURE 1-1

SWMU LOCATION MAP

SANITARY LANDFILLS SWMU INVESTIGATIONS

CECOS NIAGARA FALLS FACILITY



TEST SECTION 1 | TEST SECTION 2 | TEST SECTION 3

LEGEND

- TOP OF CLAY PIEZOMETER INSTALLED IN JULY 1988
- TOP OF ROCK MONITORING WELL INSTALLED IN 1987
- APPROXIMATE LOCATION PERIMETER CHANNEL
- APPROXIMATE LOCATION LEACHATE COLLECTION SYSTEM DRAINAGE BLANKET

NOTES:

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SANITARY LANDFILL I II AND IV
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PIEZOMETER AND GROUNDWATER WELL LOCATION PLAN

MAY 1990

FIGURE 2

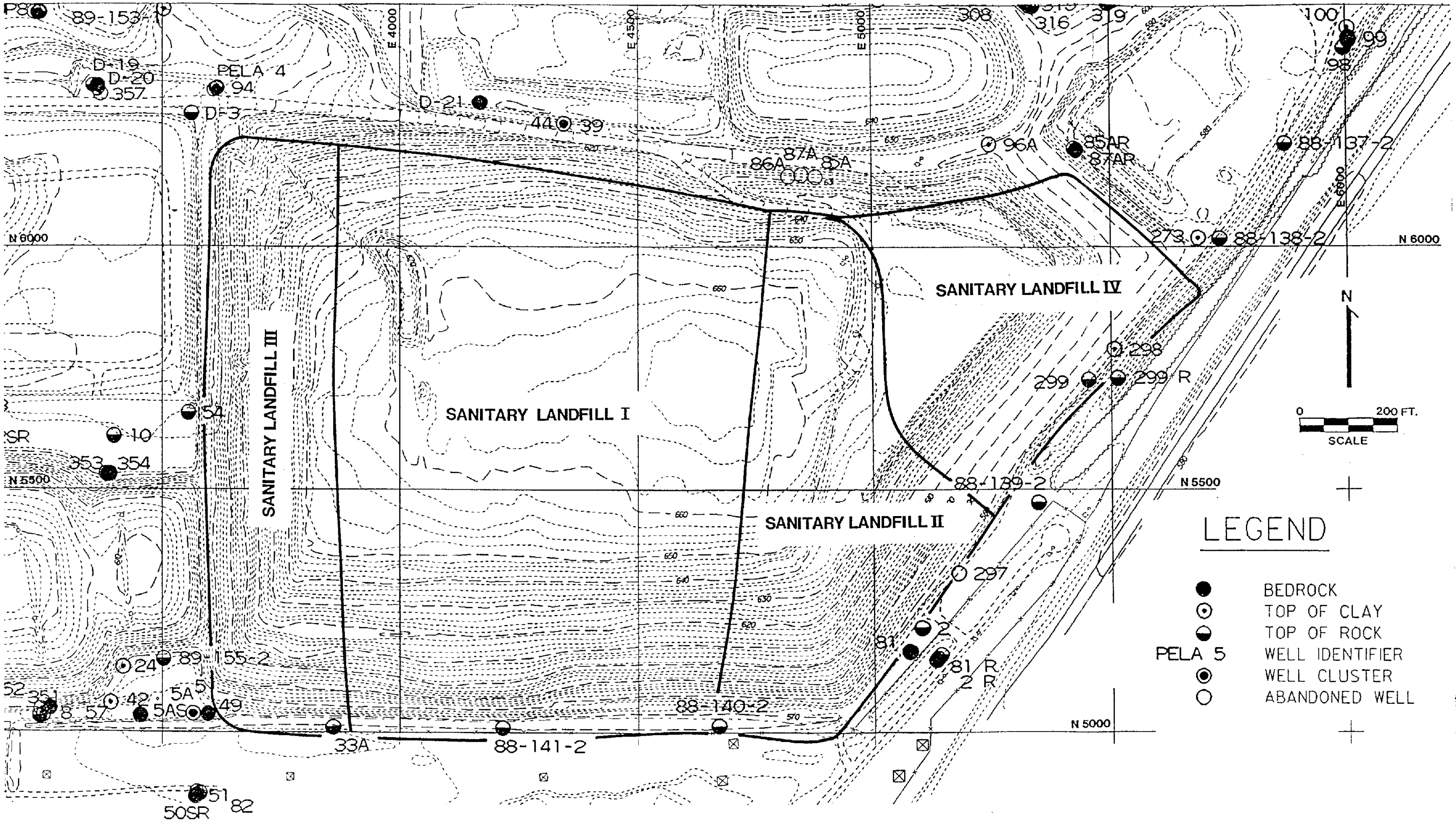

FIGURE 2-2

SANITARY LANDFILL V AND MONITORING WELLS LOCATIONS

SANITARY LANDFILLS SWMU INVESTIGATIONS

CECOS NIAGARA FALLS FACILITY