

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

c. Director

DHWR Assistant Director

Robert J. Manning Date 5/20/91
John J. Gaud Date 5/30/91
Charles J. Faldut Date 6/3/91

• 1991~92 •

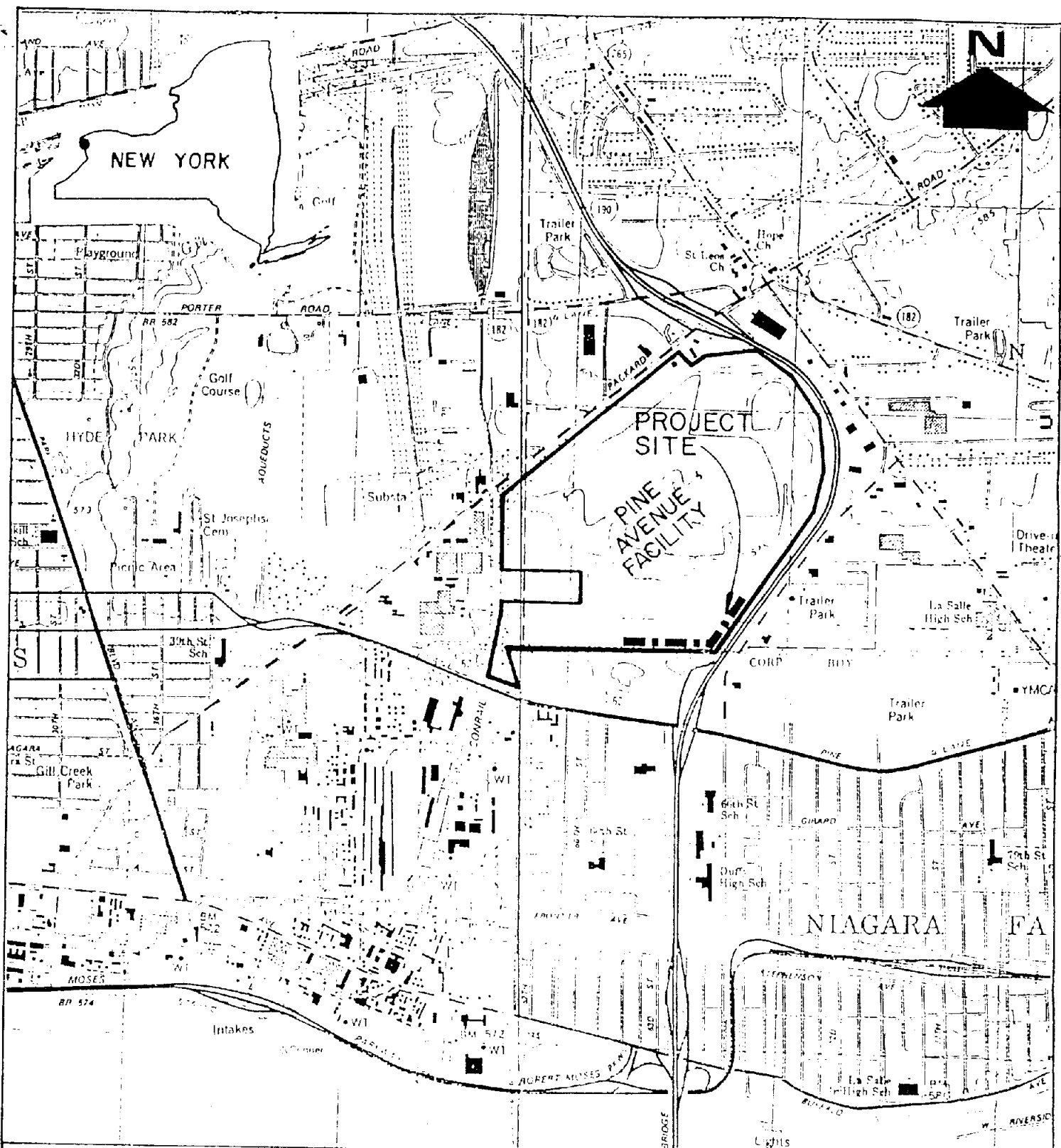
Tommy -
Note the CNG note & comply, please.

Bob

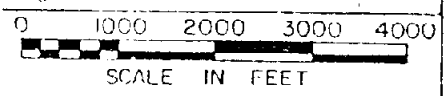
print 6/17/91

ADDITIONS/CHANGES TO REGISTRY
OF INACTIVE HAZARDOUS WASTE DISPOSAL SITES

1. SITE NAME Niagara Recycling		2. SITE NO. 932042	3. TOWN Niagara	4. COUNTY Niagara
5. REGION 9	6. CLASSIFICATION Current <u>2a</u> / Proposed <u>4</u>	7. ACTIVITY <input type="checkbox"/> Add <input checked="" type="checkbox"/> Reclassify <input type="checkbox"/> Delist <input type="checkbox"/> Modify		
8a. DESCRIBE LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location). Niagara Recycling (Sanitary Landfills I, II) is located at the CECOS International, Inc. Facility in Niagara Falls, NY				
b. Quadrangle <u>Tonawanda West</u> , c. Site Latitude <u>43°05'28"</u> , Longitude <u>78°59'17"</u> d. Tax Map Number <u>7-1-160.06</u>				
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 <u>10</u> acres c. EPA ID Number _____ d. PA/SI <input type="checkbox"/> Yes <input type="checkbox"/> No RCRA Site Monitoring & Assessment Program. e. Completed: <input type="checkbox"/> Phase I <input checked="" type="checkbox"/> Phase II <input checked="" type="checkbox"/> PSA <input checked="" type="checkbox"/> Sampling				
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 <input type="checkbox"/> Air <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Waste <input type="checkbox"/> EP Tox <input type="checkbox"/> TCLP. Site leachate analysis b. List contravened parameters and values chlorobenzene 130 ppb 2-butanone 200 ppb Methylene Chloride 540 ppb 4-methyl-2-pentanone 300 ppb Toluene 110 ppb Phenol 560 ppb Acetone 5,100 ppb				
12. SITE IMPACT DATA Niagara River is located to the a. Nearest surface water: Distance <u>3700</u> ft. Direction <u>south from the site</u> Classification <u>Class A</u> b. Nearest groundwater: Depth <u>4</u> ft. Flow Direction <u>South, southeast</u> <input type="checkbox"/> Sole Source <input type="checkbox"/> Primary <input type="checkbox"/> Principal c. Nearest water supply: Distance <u>n/a</u> ft. Direction <u>Public water supply</u> Active <input type="checkbox"/> Yes <input type="checkbox"/> No d. Nearest building: Distance <u>n/a</u> ft. Direction _____ Use _____ e. Crops or livestock on site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No f. Exposed hazardous waste? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No g. Controlled site access? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No h. Documented fish or wildlife mortality? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No i. Impact on special status fish or wildlife resource? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No j. Within a State Economic Development Zone? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No k. For Class 2a: Code _____ Health Model Score _____ l. For Class 2: Priority Category _____ m. HRS Score <u>n/a</u> n. Significant Threat <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				
13. SITE OWNER'S NAME Niagara Recycling, Inc.		14. ADDRESS 2321 Kenmore Avenue P.O. Box 9 Kenmore, NY 14217		15. TELEPHONE NUMBER 716 873-7500
16. PREPARER Yavuz Erk Environmental Engineer II Name, Title and Organization <u>Yavuz Erk</u> Signature				
17. APPROVED/ <u>Richard H. Dana</u> Chief, Bureau of Technical Services, DEC Name, Title and Organization <u>Richard H. Dana</u> Signature <u>3/5/91</u> Date <u>3/27/91</u> Date				



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

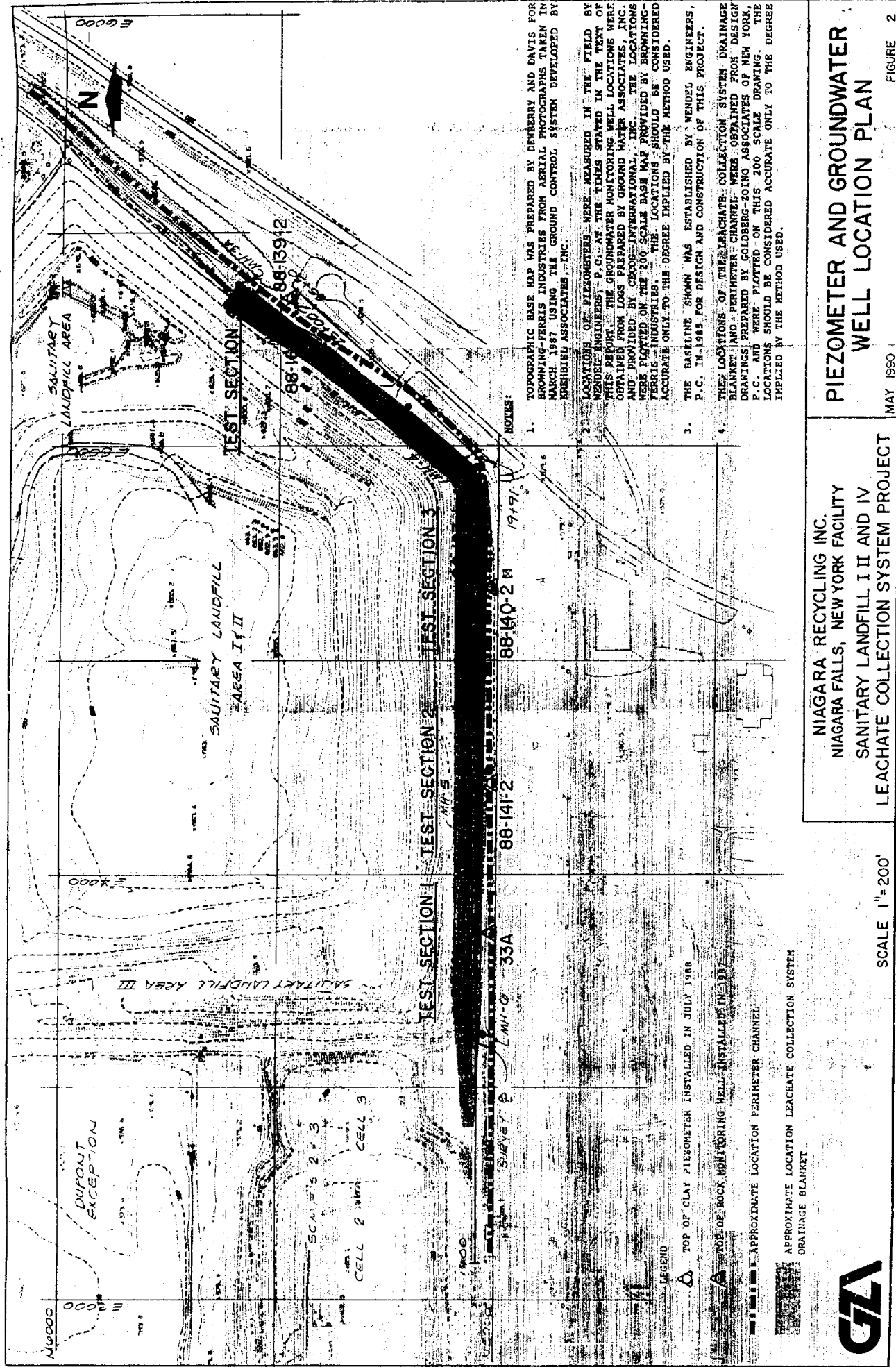


NIAGARA RECYCLING, INC.
 NIAGARA FALLS, NEW YORK FACILITY
 SANITARY LANDFILLS
 I, II AND IV
 LEACHATE COLLECTION SYSTEM

LOCUS PLAN

MAY 1990

FIGURE 1



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

NOTES:

1. TOPOGRAPHIC BASE MAP WAS PREPARED BY DEBBERY AND DAVIS FOR BROWNING-FERRIS INDUSTRIES FROM AERIAL PHOTOGRAPHS TAKEN IN MARCH 1987 USING THE GROUND CONTROL SYSTEM DEVELOPED BY ARREBISH ASSOCIATES, INC.
2. LOCATIONS OF PIEZOMETERS WERE MEASURED IN THE FIELD BY WENDEL ENGINEERS, P.C. AT THE TIMES STATED IN THE TEXT OF THIS REPORT. THE GROUNDWATER MONITORING WELL LOCATIONS WERE OBTAINED FROM LOGS PREPARED BY GROUND WATER ASSOCIATES, INC. AND PROVIDED BY CECOS-INTERNATIONAL, INC. THE LOCATIONS WERE PLOTTED ON THE 200 SCALE BASE MAP PROVIDED BY BROWNING-FERRIS INDUSTRIES. THIS LOCATIONS SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. THE BASELINE SHOWN WAS ESTABLISHED BY WENDEL ENGINEERS, P.C. IN 1985 FOR DESIGN AND CONSTRUCTION OF THIS PROJECT.
4. THE LOCATIONS OF THE LEACHATE COLLECTION SYSTEM DRAINAGE BLANKET AND PERIMETER CHANNEL WERE OBTAINED FROM DESIGN DRAWINGS PREPARED BY GOLDBERG-ZOING 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.

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



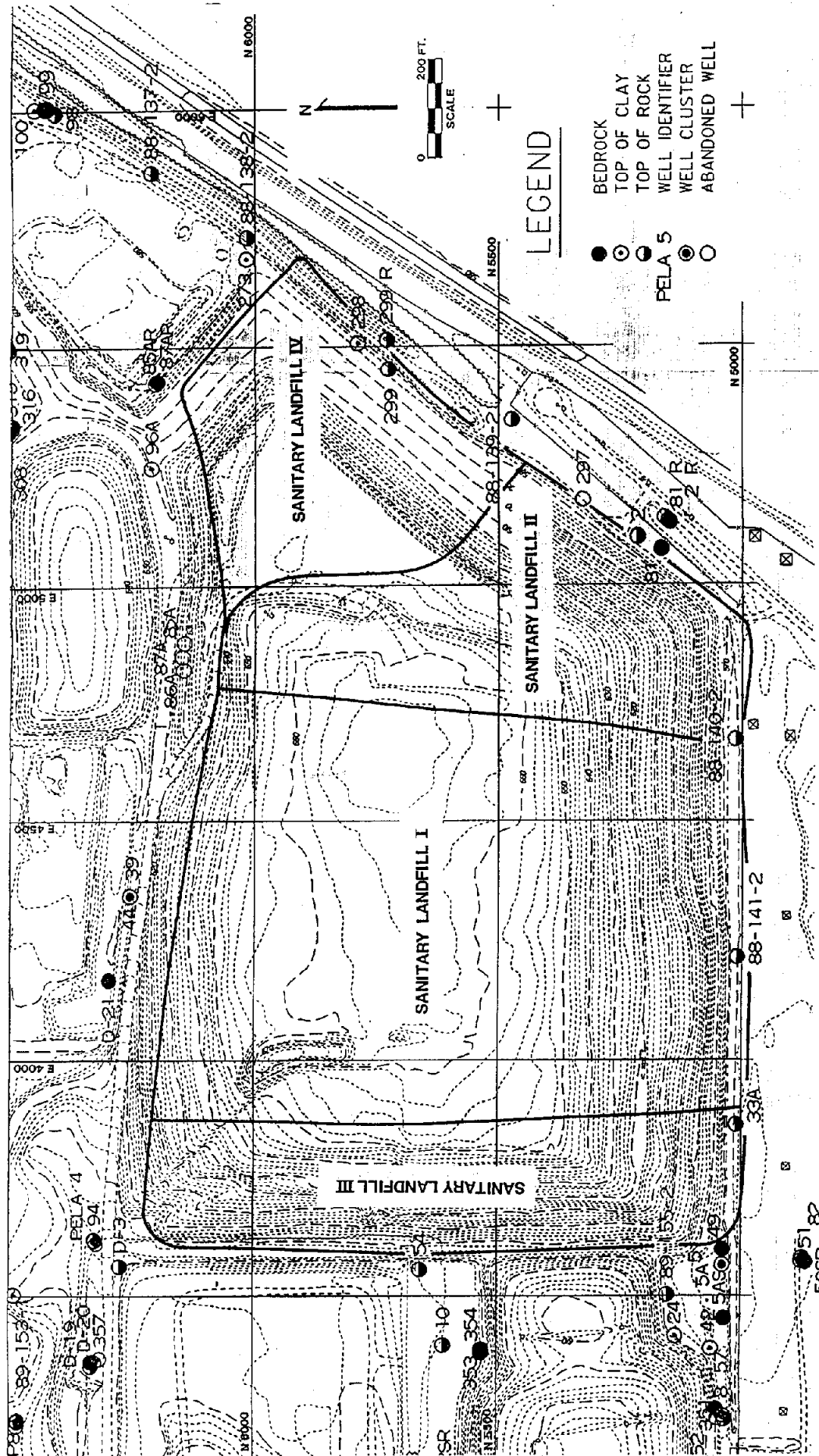


FIGURE 2-2

SANITARY LANDFILL V AND MONITORING WELLS LOCATIONS

SANITARY LANDFILLS SWMU INVESTIGATIONS

CECOS NIAGARA FALLS FACILITY

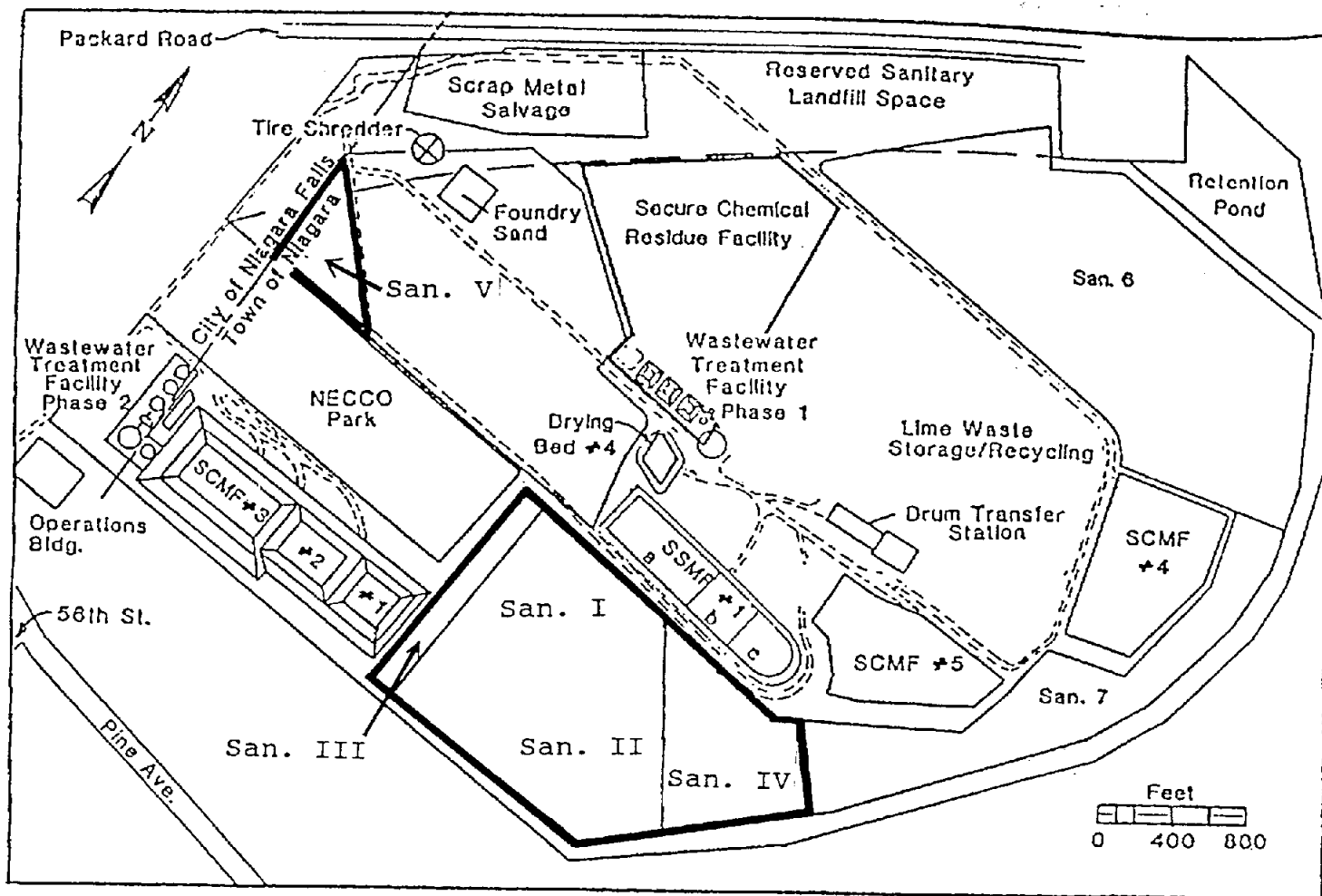
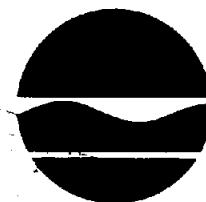


FIGURE 1-1

SWMU LOCATION MAP
 SANITARY LANDFILLS SWMU INVESTIGATIONS
 CECOS NIAGARA FALLS FACILITY

New York State Department of Environmental Conservation



Thomas C. Jorling
Commissioner

MEMORANDUM

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

WASTE DESCRIPTION

QUANTITY	UNIT	PRICE	TOTAL
10	LBS	7.50	75.00

GENERATOR NAME

II NUMBER

T0901674

WASTE DESCRIPTION

500.00	T	;	X	:
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SITE DESCRIPTION: NIAGARA RECYCLING INC.,60TH ST,NIAKARA FALLS,NY .

QUANTITY U L S D

GENERATOR NAME

Year	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																																																																								
Population	100,000	105,000	110,000	115,000	120,000	125,000	130,000	135,000	140,000	145,000	150,000	155,000	160,000	165,000	170,000	175,000	180,000	185,000	190,000	195,000	200,000	205,000	210,000	215,000	220,000	225,000	230,000	235,000	240,000	245,000	250,000	255,000	260,000	265,000	270,000	275,000	280,000	285,000	290,000	295,000	300,000	305,000	310,000	315,000	320,000	325,000	330,000	335,000	340,000	345,000	350,000	355,000	360,000	365,000	370,000	375,000	380,000	385,000	390,000	395,000	400,000	405,000	410,000	415,000	420,000	425,000	430,000	435,000	440,000	445,000	450,000	455,000	460,000	465,000	470,000	475,000	480,000	485,000	490,000	495,000	500,000	505,000	510,000	515,000	520,000	525,000	530,000	535,000	540,000	545,000	550,000	555,000	560,000	565,000	570,000	575,000	580,000	585,000	590,000	595,000	600,000	605,000	610,000	615,000	620,000	625,000	630,000	635,000	640,000	645,000	650,000	655,000	660,000	665,000	670,000	675,000	680,000	685,000	690,000	695,000	700,000	705,000	710,000	715,000	720,000	725,000	730,000	735,000	740,000	745,000	750,000	755,000	760,000	765,000	770,000	775,000	780,000	785,000	790,000	795,000	800,000	805,000	810,000	815,000	820,000	825,000	830,000	835,000	840,000	845,000	850,000	855,000	860,000	865,000	870,000	875,000	880,000	885,000	890,000	895,000	900,000	905,000	910,000	915,000	920,000	925,000	930,000	935,000	940,000	945,000	950,000	955,000	960,000	965,000	970,000	975,000	980,000	985,000	990,000	995,000	1,000,000

METHYL METHACRYLATE: *
METHYLENE CHLORIDE *

RETORT ASH

SECONDARY TREATMENT SLUDGE

WASTE SULFURIC ACID

WASTE SULFURIC ACID

WASTE SULFURIC ACID

****Confirmed cases in table**

[illegible]

QUANTITY =

GENERATOR NAME

• • •

137.00
76.00

187.00

62.00

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
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cc: Mr. Joseph Sciascia

R T K - P R O G R A M
REPORTED HAZARDOUS WASTE DATA LISTED BY
REGION - SITE CODE - WASTE TYPE

PAGE - 215

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

ID

GENERATOR NAME

ID

G0914955
G0914955

HEXACHLORODISILOXANE
HEXACHLORODISILOXANE

: 618.00 T : X - X : VAN DE MARK CHEMICAL CO. INC.
: 404.00 T : X - X : VAN DE MARK CHEMICAL CO. INC.

TRANSPORTERS - RESPONDING WITH QUESTIONNAIRE

VAN DE MARK CHEMICAL CO

ID NUMBER
T0901674

SITE DESCRIPTION: REICHHOLD CHEMICALS INC., 5000 PACKARD RD, NIAGARA FALLS NY

SITE CODE: 9-32-040

WASTE DESCRIPTION

QUANTITY U L S D

ID

GENERATOR NAME

ID

G0914841

PROCESS WATER W/ PHENOL, PHENOLIC RESIN

: 500.00 T : X - - : REICHHOLD CHEMICALS INC.

SITE DESCRIPTION: NIAGARA RECYCLING INC., 56TH ST, NIAGARA FALLS, NY

SITE CODE: 9-32-042

WASTE DESCRIPTION

QUANTITY U L S D

ID

GENERATOR NAME

ID

G0914876
G0915176
G0914876
G0914980
G0914876
G0914876
G0410288
GX800662
GX800662

BRINE MUD
COOKER WASTE OIL FROM THE WMT OPERATIONS *
GRAPHITE
METHYL METHACRYLATE, * METHYLENE CHLORIDE, INERT FILLER
RETORT ASH
SECONDARY TREATMENT SLUDGE
SODIUM HYDROXIDE SOLUTION
WASTE SULFURIC ACID
WASTE SULFURIC ACID
WASTE SULFURIC ACID

: 22,300.00 T : - X - : OLIN CORP. CHEMICALS GROUP (NIAGA
: 5.50 T : - X - : GENERAL MOTORS CORP. (CHEVROLET-BU
: 9.60 T : - X X : OLIN CORP. CHEMICALS GROUP (NIAGA
: 250.00 T : - X - : E.I. DUPONT DE NEMOURS & CO. (YERKE
: 33.00 T : - X X : OLIN CORP. CHEMICALS GROUP (NIAGA
: 83.00 T : - X X : OLIN CORP. CHEMICALS GROUP (NIAGA
: 26.00 T : - X - : OLIN CORP. CHEMICALS GROUP (NIAGA
: 571.00 T : X - - : GENERAL ELECTRIC CO (RIVERVIEW PL
: 1,067.00 T : X - - : ELDERLEE
: 620.00 T : X - - : ELDERLEE

* Confirmed hazardous waste

SITE DESCRIPTION: FRONTIER CHEMICAL WASTE PROCESS INC., TOWNLINE RD., PENDLETON, N

SITE CODE: 9-32-043

WASTE DESCRIPTION

QUANTITY U L S D

ID

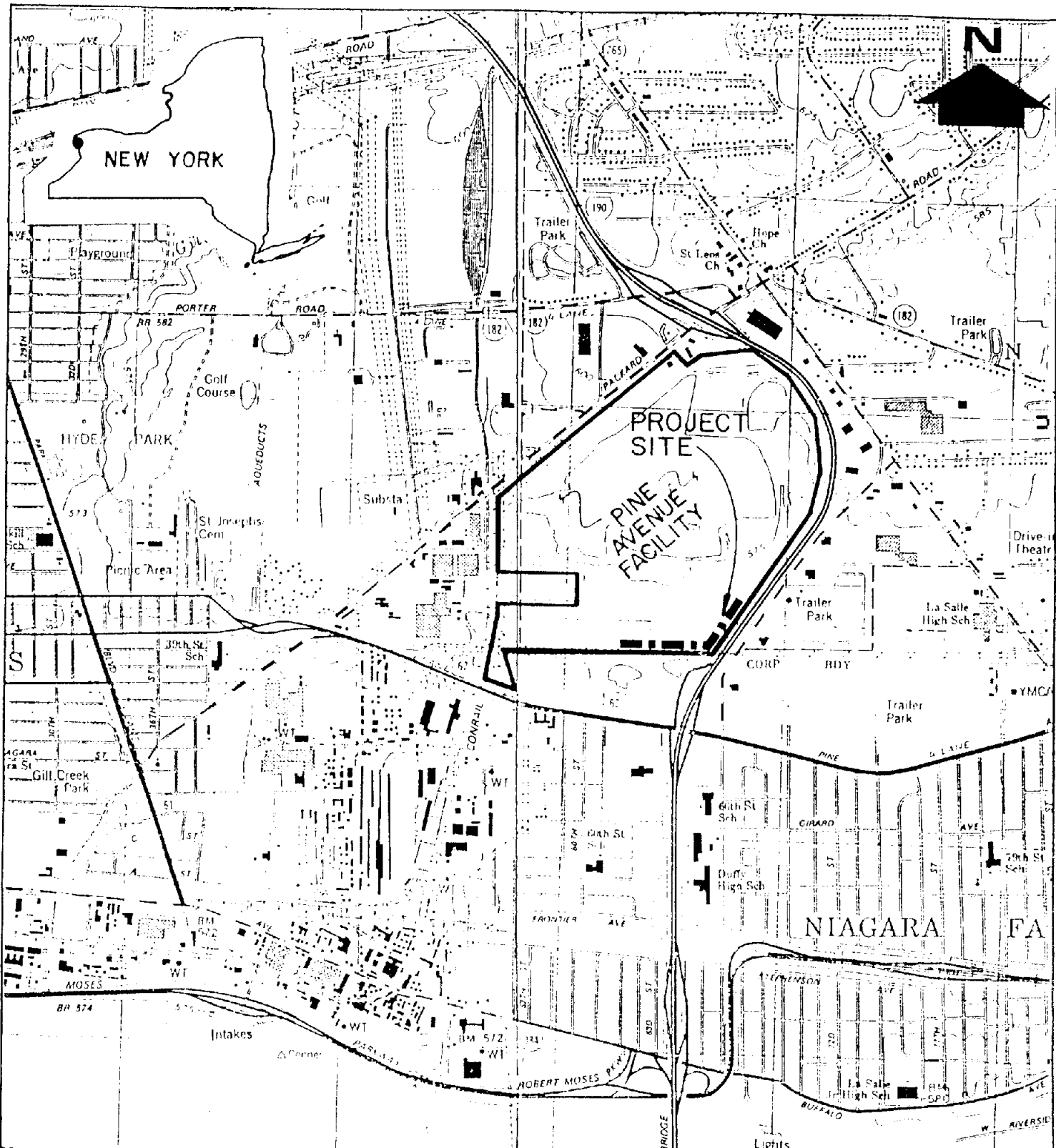
GENERATOR NAME

ID

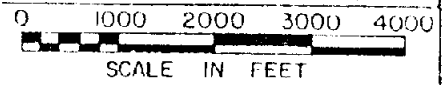
G0813254
G0915407
G0915407
G0915407

GENERAL & MISC. ORGANIC, SOLVENT AND RESIDUE WASTE
MISCELLANEOUS LABORATORY CHEMICALS
MISCELLANEOUS WASTES
SPENT PICKLING SOLUTIONS

: 76.00 : X X X : OLIN CORP.
: 187.00 T : X - X : UNION CARBIDE CORP. (LINDE DIVISION)
: 62.00 T : X - - : UNION CARBIDE CORP. (LINDE DIVISION)



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



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

LOCUS PLAN

MAY 1990

FIGURE 1

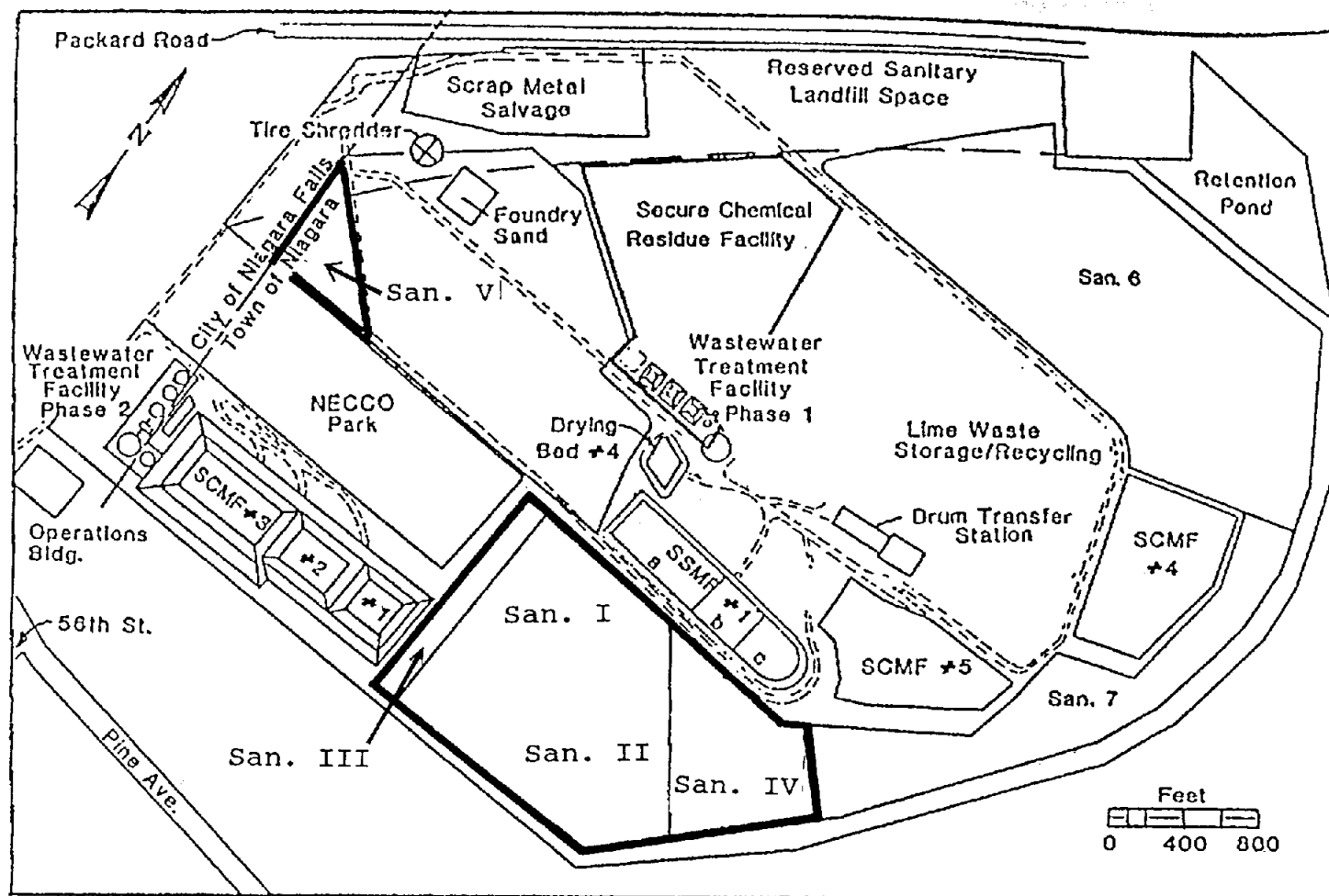
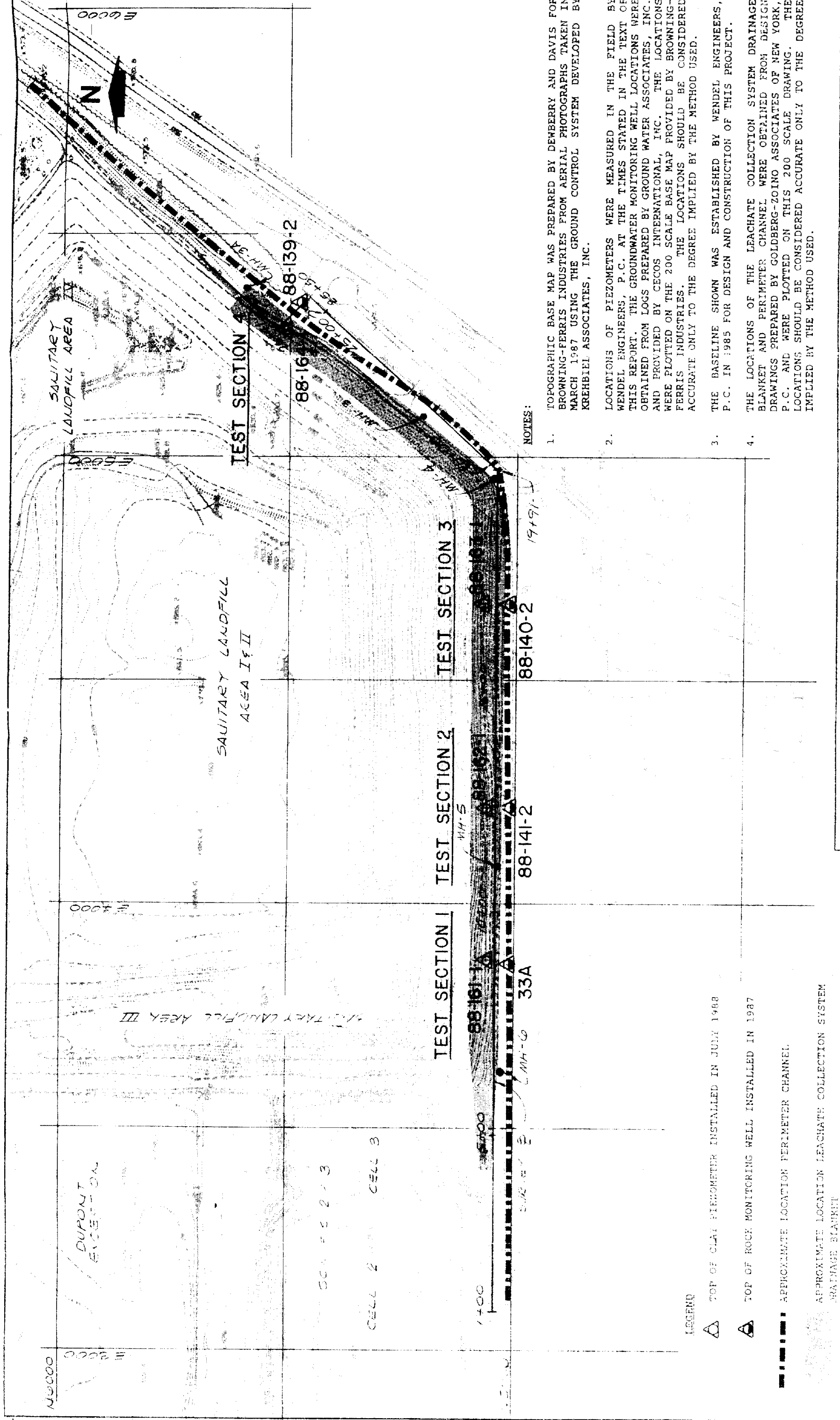


FIGURE 1-1

SWMU LOCATION MAP

SANITARY LANDFILLS SWMU INVESTIGATIONS

CECOS NIAGARA FALLS FACILITY



- 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:

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

PIEZOMETER AND GROUNDWATER
WELL LOCATION PLAN

SCALE 1"=200'

MAY 1990

