RECORD OF COMMUNICATION	☐ PHONE CALL ☐ DISCUSSION ☐ FIELD TRIP ☐ CONFERENCE ☐ OTHER (SPECIFY) Ten Page Form (Record of item checked above)	
TO: Dr. Richard Spear	FROM: Frances Barker	DATE 3/13/81 TIME 5:00 PM

SUBJECT

INTERSTATE CONCENTRATING COMPANY TDD #02-8008-03

SUMMARY OF COMMUNICATION

The enclosed ten page form contains information on Interstate Concentrating Company located in Kearny, N.J. The site is an active brass reprocessing plant with an inactive landfill on site. The plant accepts brass mill skimmings, washes them with recyclable water, and stores the upgraded material in drums. One lagoon holds the recycled plant process water.

The inactive landfill on site contains 322,000 pounds of mercury/concrete rubble covered by two feet of fill. Chemical analysis of the material indicated that it was nonhazardous. The mercury content was .018%.

A municipal storm water drainage pond is adjacent to the plant lagoon. There is a potential for overflow from either pond to the adjacent pond when inflow is high.

CONCLUSIONS, ACTION TAKEN OR REQUIRED

No sampling is recommended at this time.

INFORMATION COPIES TO:

EPA Form 1320-6 (7-72) REPLACES EPA HQ FORM 5300-3 WHICH MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

232106

EPA

SITE INSPECTION REPORT

II | 02-8008-03 (13)

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME: INTERSTATE CONCENTRATING CO.

B. STREET (or other identifier): 275 Dukes Street

C. CITY: Kearny

D. STATE: NJ

E. ZIP CODE: 07032

F. COUNTY NAME: Hudson

G. SITE OPERATOR INFORMATION

1. NAME:

2. TELEPHONE NUMBER:

3. STREET:

4. CITY:

5. STATE:

6. ZIP CODE:

H. REALTY OWNER INFORMATION (if different from operator of site)

1. NAME:

2. TELEPHONE NUMBER:

3. CITY:

4. STATE:

5. ZIP CODE:

I. SITE DESCRIPTION: Active brass reprocessing plant

J. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.): 3/13/81

B. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☐ 2. MEDIUM ☒ 3. LOW ☐ 4. NONE

C. PREPARER INFORMATION

1. NAME: Frances B. Barker

2. TELEPHONE NUMBER: (201) 621-6800

3. DATE (mo., day, & yr.): 3/13/81

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION

1. NAME: Frances B. Barker

2. TITLE: Field Technician

3. ORGANIZATION: Fred C. Hart Associates, Inc.

4. TELEPHONE NO. (area code & no.): (201) 621-6800

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
Mary Manto	Fred C. Hart Associates, Inc.	(201) 621-6800
Pete Cangialosi	Fred C. Hart Associates, Inc.	(201) 621-6800

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, real. etc)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
Max Frenkel	Environmental Engineer (201) 526-2802	400 North Bridge Street Bridgewater, NJ 08807
Barry Brown	President (201) 998-7660	275 Dukes Street Kearny, NJ 07032
Morley Cole	Administrative Assistant (201) 998-7660	275 Dukes Street Kearny, NJ 07032

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (source of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Boise Cascade	(201) 364-4521	Main Street Rumford, Maine 04276	Mercury mixed in concrete rubble

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS

G. DATE OF INSPECTION (mo., day, & yr.)	H. TIME OF INSPECTION	I. ACCESS GAINED BY: (credentials must be shown in all cases)
5/4/81	1000	[X] 1. PERMISSION [ ] 2. WARRANT

J. WEATHER (describe)
Sunny, cool (temp. 32°F)

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER		No samples taken	
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
OTHER (specify)			

FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS
	No measurements taken	

Continued From Page 2

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS: N/A
   - [ ] a. GROUND
   - [ ] b. AERIAL

2. PHOTOS IN CUSTODY OF:

D. SITE MAPPED?

[X] YES. SPECIFY LOCATION OF MAPS: Fred C. Hart Associates, Inc.

E. COORDINATES

1. LATITUDE (deg.-min.-sec.): 40° 45' 05"
2. LONGITUDE (deg.-min.-sec.): 74° 08' 05"

V. SITE INFORMATION

A. SITE STATUS

- [X] 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if intermittently.) reprocessing plant
- [X] 2. INACTIVE (Those sites which no longer receive wastes.) Landfill on site
- [ ] 3. OTHER (specify): _____ (Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

- [ ] 1. NO
- [X] 2. YES (specify generator's four-digit SIC Code): _____

C. AREA OF SITE (in acres): 4 acres

D. ARE THERE BUILDINGS ON THE SITE?

- [ ] 1. NO
- [X] 2. YES (specify): reprocessing plant

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

X	A. TRANSPORTER	X	B. STORER	X	C. TREATER	X	D. DISPOSER
	1. RAIL	X	1. PILE *		1. FILTRATION	X	1. LANDFILL *
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE	X	3. DRUMS *		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND	X	4. RECYCLING/RECOVERY *		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND	X	5. CHEM./PHYS./TREATMENT *		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
			* Within process operations		7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify): * Within processing operations		* Mercury concrete rubble

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this form.

- [ ] 1. STORAGE
- [ ] 2. INCINERATION
- [X] 3. LANDFILL
- [ ] 4. SURFACE IMPOUNDMENT
- [ ] 5. DEEP WELL
- [ ] 6. CHEM/BIO/PHYS TREATMENT
- [ ] 7. LANDFARM
- [ ] 8. OPEN DUMP
- [ ] 9. TRANSPORTER
- [ ] 10. RECYCLER/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

- [ ] 1. LIQUID
- [X] 2. SOLID
- [ ] 3. SLUDGE
- [ ] 4. GAS

B. WASTE CHARACTERISTICS

- [ ] 1. CORROSIVE
- [ ] 2. IGNITABLE
- [ ] 3. RADIOACTIVE
- [ ] 4. HIGHLY VOLATILE
- [X] 5. TOXIC
- [ ] 6. REACTIVE
- [X] 7. INERT
- [ ] 8. FLAMMABLE
- [ ] 9. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Yes - Eckardt Report

VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount (specify unit of measure) of waste by category; mark X to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT 322,000	AMOUNT —
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE lbs.	UNIT OF MEASURE
X (1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	X (1) FLYASH	X (1) LABORATORY PHARMACEUT
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify)
			(6) CYANIDE	X (6) OTHER (specify): Mercury/ concrete rubble	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify):		

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X')			3. TOXICITY (mark 'X')				4. CAS NUMBER	5. AMOUNT	6. UNIT
	a. SOLID	b. LIQ.	c. VAPOR	a. HIGH	b. MED.	c. LOW	d. NONE			
Mercury	X				X					

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

☐ A. HUMAN HEALTH HAZARDS

N/A

☐ B. NON-WORKER INJURY/EXPOSURE

N/A

☐ C. WORKER INJURY/EXPOSURE

N/A

☐ D. CONTAMINATION OF WATER SUPPLY

N/A

☐ E. CONTAMINATION OF FOOD CHAIN

N/A

☐ F. CONTAMINATION OF GROUND WATER

N/A

☐ G. CONTAMINATION OF SURFACE WATER

N/A

Continue On Reverse

☐ N. FIRE OR EXPLOSION

N/A

☒ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

One lagoon holds recycled plant process water. This water is used to wash skimmings from brass-producing foundries in order to separate brass from impurities.

☐ P. SEWER, STORM DRAIN PROBLEMS

Municipal storm water drainage collects in a pond adjacent to the north side of the facility. See item "U".

☐ Q. EROSION PROBLEMS

N/A

☐ R. INADEQUATE SECURITY

N/A

☐ S. INCOMPATIBLE WASTES

N/A

VIII. HAZARD DESCRIPTION (continued)

☐ T. MIDNIGHT DUMPING

N/A

☐ U. OTHER (specify):

The dike between the plant process water lagoon and the municipal storm water drainage pond is low. Water may flow between either pond when inflow is high.

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS	0	0	0	¼ mile
2. IN COMMERCIAL OR INDUSTRIAL AREAS	0	0	50	¼ mile
3. IN PUBLICLY TRAVELLED AREAS	0			
4. PUBLIC USE AREAS (parks, schools, etc.)	0			

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit)	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
Unknown	Unknown	No use
D. POTENTIAL YIELD OF AQUIFER	**E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure)**	**F. DIRECTION TO DRINKING WATER SUPPLY**
Unknown	N/A	N/A

G. TYPE OF DRINKING WATER SUPPLY

☐ 1. NON-COMMUNITY < 15 CONNECTIONS

☒ 2. COMMUNITY (specify name): > 15 CONNECTIONS Town of Kearny

☐ 3. SURFACE WATER

☐ 4. WELL

Continue On Page 9

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

F. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. [illegible] (mark 'X')	5. [illegible] (mark 'X')
		None		

I. RECEIVING WATER

1. NAME: Meadowlands

☐ 2. SEWERS ☐ 3. STREAMS/RIVERS ☐ 4. LAKES/RESERVOIRS ☒ 5. OTHER (specify): Wetlands

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS: Unknown

XI. SOIL AND VEGITATION DATA

LOCATION OF SITE IS IN:

☐ A. KNOWN FAULT ZONE ☐ B. KARST ZONE ☐ C. 100 YEAR FLOOD PLAIN ☐ D. WETLAND

☐ E. A REGULATED FLOODWAY ☐ F. CRITICAL HABITAT ☐ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. OVERBURDEN	'X'	B. BEDROCK (specify below)	'X'	C. OTHER (specify below)
	1. SAND	X	Brunswick Formation		
	2. CLAY				
	3. GRAVEL				

XIII. SOIL PERMEABILITY

☒ A. UNKNOWN ☐ B. VERY HIGH (100,000 to 1000 cm/sec.) ☐ C. HIGH (1000 to 10 cm/sec.)

☐ D. MODERATE (10 to .1 cm/sec.) ☐ E. LOW (.1 to .001 cm/sec.) ☐ F. VERY LOW (.001 to .0001 cm/sec.)

G. RECHARGE AREA

☐ 1. YES ☐ 2. NO 3. COMMENTS:

H. DISCHARGE AREA

☒ 1. YES ☐ 2. NO 3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE: Flat

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.

J. OTHER GEOLOGICAL DATA

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, yr.)	E. EXPIRATION DATE (mo., day, yr.)	F. IN COMPLIANCE (mark "X")		
					1. YES	2. NO	3. UNKNOWN
N/A							

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

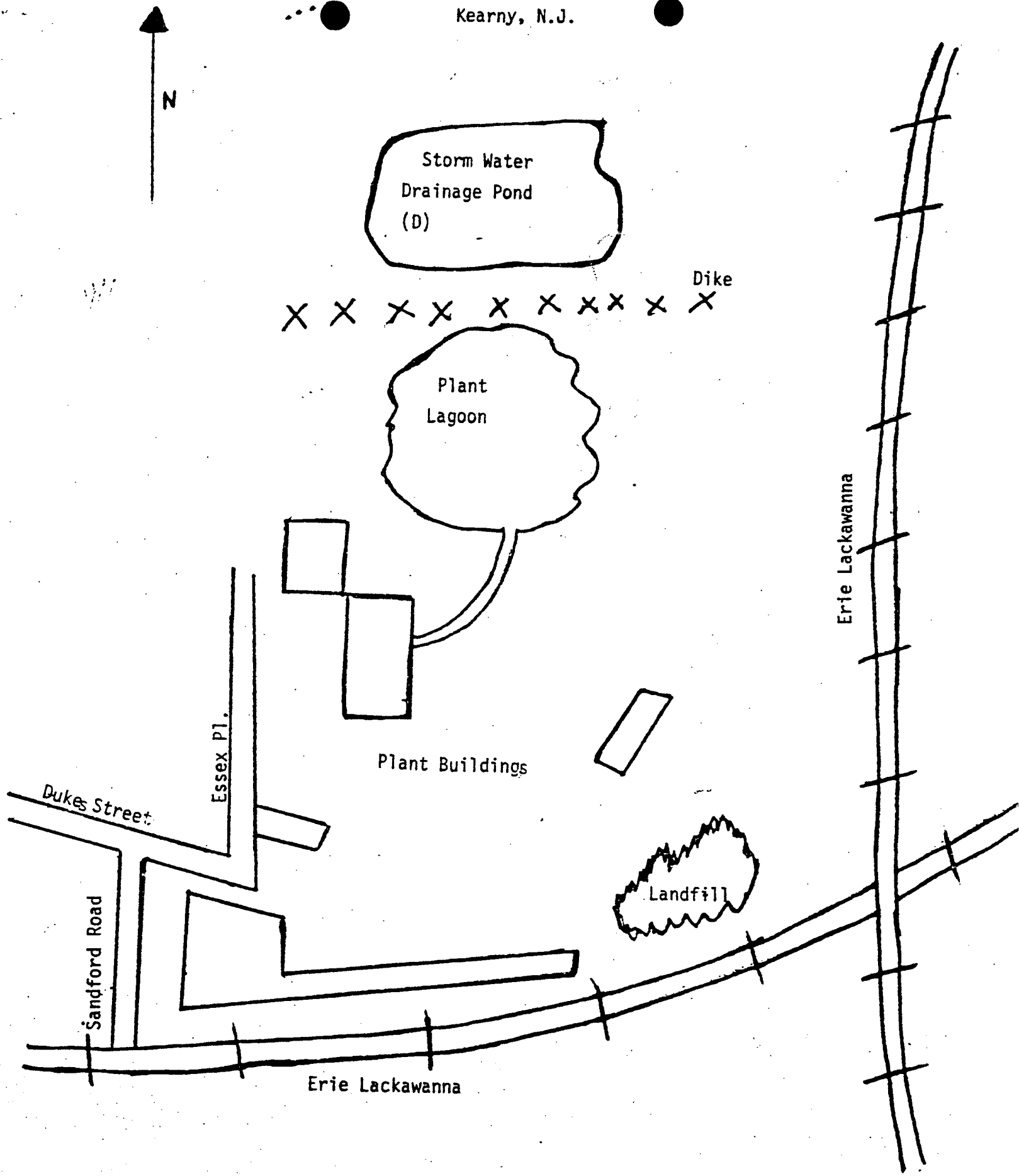
[X] NONE [ ] YES (summarize in this space)

Chemical analysis of the mercury/concrete rubble indicated that the material was nonhazardous. The mercury content was .018%.

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition *(Section II)* information on the first page of this form.

NORTH ARLINGTON
Arlington
KEARNY
NEWARK
Interstate Concentrating Co.
Belleville Park
Silver Lake Ch
Shawger Sch
Ridge St Sch
St Paul's Ch
Elliott St Sch
Shiloh Ch
Abington Ave Sch
St Johns Ch
Summer Pl Sch
Mt Pleasant Ch
Arlington Ave Sch
Mount Pleasant Cem
Branch Brook Sch
Summer Ave Sch
State Teachers College
Barringer High Sch
Franklin Sch
Sacred Heart Cathedral
McKinley Sch
Webster Jr High Sch
East Newark
HARRISON
Roosevelt Sch
Schuyler Sch
St Stephens Sch
Lincoln Sch
New Jersey Boystown
Sacred Heart Ch
Garfield Sch
Oakwood Ave Ch
Sacred Heart Inst
West Hudson Hospital
Washington Sch
Franklin Sch
Radar Tower
West Hudson Park
Jefferson Sch
Queen of Peace Sch
Wilson Sch
Washington Sch
High Sch
Little Zion Ch
Sch No 8
Sch No 9
Fairview Sch
Hendricks
Newark Res
Gaging Sta
Fire Sta
Water
Town Hall
Gasoline
Home for Foster Care
Home
Clark
Arlington Memorial Park
Bond Hall
HUDSON CO
ESSEX CO
HUDSON CO
PASSAIC
RIVER
LACKAWANNA
ERIE
BRANCH BROOK
PARK
CITY
BERGEN
MAIN
WASHINGTON
DE WITT
FRANKLIN
VERONA
BLOOMFIELD
BROADWAY
MCCARTER
HIGH
MADISON
KEARNY
HAMILTON
PLEASANT
BERGEN
FILLMORE
DELAWARE
LEGION
HIGHWAY
ROOSEVELT
SEKULER
ETH
NEWARK (JUNC NJ 21) 1 MI
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1972
1 MILE
4000 5000 6000 7000 FEET
1 KILOMETER
VAL 20 FEET
A LEVEL
MATE LINE OF MEAN HIGH WATER
OXIMATELY 5.1 FEET
P ACCURACY STANDARDS
NEW JERSEY
QUADRANGLE LOCATION
ROAD CLASSIFICATION
Heavy-duty
Light-duty
Medium-duty
Unimproved dirt
U.S Route
State Route
ORANGE, N
N4045—W7407.5

INTERSTATE CONCENTRATING CO.
Kearny, N.J.



LANDFILLS SITE INSPECTION REPORT
(Supplemental Report)

INSTRUCTION
Answer and Explain as Necessary.

1. EVIDENCE OF SITE INSTABILITY *(Erosion, Settling, Sink Holes, etc)*
☐ YES ☒ NO

2. EVIDENCE OF IMPROPER DISPOSAL OF BULK LIQUIDS, SEMI-SOLIDS AND SLUDGES INTO THE LANDFILL
☐ YES ☒ NO

3. CHECK RECORDS OF CELL LOCATION AND CONTENTS AND BENCHMARK
☐ YES ☒ NO

4. WASTES SURROUNDED BY SORBENT MATERIAL
☒ YES ☐ NO

5. DIVERSION STRUCTURES ARE EFFECTIVELY CONSTRUCTED AND PROPERLY MAINTAINED
☐ YES ☒ NO

6. EVIDENCE OF PONDING OF WATER ON SITE
☐ YES ☒ NO

7. EVIDENCE OF IMPROPER/INADEQUATE DRAINING
☐ YES ☒ NO

8. ADEQUATE LEACHATE COLLECTION SYSTEM *(If "Yes", specify Type)*
☐ YES ☐ NO N/A

8a. SURFACE LEACHATE SPRING
☐ YES ☒ NO

9. RECORDS OF LEACHATE ANALYSIS
☐ YES ☒ NO

10. GAS MONITORING
☐ YES ☒ NO

11. GROUNDWATER MONITORING WELLS
☐ YES ☒ NO

12. ARTIFICIAL MEMBRANE LINER INSTALLED
☐ YES ☒ NO

13. SPECIFIC CONTAINMENT MEASURES *(Clay Bottom, Sides, etc)*
☐ YES ☒ NO

14. FIXATION *(Stabilization)* OF WASTE
☒ YES ☐ NO

15. ADEQUATE CLOSURE OF INACTIVE PORTION OF FACILITY
☐ YES ☒ NO

16. COVER *(Type)*

Sand and gravel mixture

16a. THICKNESS

2 feet

16b. PERMEABILITY

Unknown

16c. DAILY APPLICATION
☐ YES ☐ NO

N/A