RS-8603-19

US EPA RECORDS CENTER REGION 5
455911

IL-0432-07

ECOLOGY AND ENVIRONMENT, INC.

FIELD INVESTIGATION TEAM

SITE INSPECTION PLAN

MAY 30 1986

A. GENERAL INFORMATION

SITE: Chicago Department of Streets and Sanitation

LOCATION: 103rd St. and Doty Ave. Chicago, IL 60628

TDD NO.: RS-8603-19

U.S. EPA NO.: ILD981194699

SSID NO.:

WSTS NO.: 760432

PLAN PREPARED BY: Michael R Kulbersh DATE: 5/27/86

APPROVED BY: Jim Ursu DATE: 5-30-86

OBJECTIVE (including description of work to be performed): Conduct a Site Inspection Interview Site Personnel.

DESIRED REPORT FORM: SI REPORT (2070-13) ✓ HRS REPORT ✓

OTHER (EXPLAIN)

PROPOSED DATE OF INVESTIGATION: June 17, 1986

BACKGROUND REVIEW: Complete: — Preliminary: ✓

HRS PRELIMINARY SCORE OF ROUTES: GW 11.43 SW 4.44 AIR 0
(NO FIELD WORK)

DIRECT CONTACT — FIRE AND EXPLOSION 0

TOTAL PRELIMINARY HRS SCORE VALUE (NO FIELD WORK) 7.09

PROJECTED HRS SCORE: GW 12.24 SW 4.44 AIR 0
(WITH FIELD WORK)

DIRECT CONTACT 8.03 FIRE AND EXPLOSION —

TOTAL PROJECTED HRS SCORE 7.53

IF NO SAMPLING, EXPLAIN ON PAGE 3.

INSPECTION PRIORITY (BASED ON PROJECTED HRS SCORE): LOW: X MEDIUM: ____ HIGH: ____

B. SITE/WASTE CHARACTERISTICS

WASTE TYPE(S): Liquid ____ Solid ✓ Sludge ✓ Gas ____

CHARACTERISTIC(S): Corrosive ____ Ignitable ____ Radioactive ____ Volatile ____

Toxic ✓ Reactive ____ Unknown ____ Other (Name) ____

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SITE INSPECTION PLAN

A. GENERAL INFORMATION

SITE: Chicago Department of Streets and Sanitation

LOCATION: 103rd st. and Doty Ave.
Chicago, IL 60628

TDD NO.: R5-8512-03

U.S. EPA NO.: ILD 981 194699

SSID NO.:

WSTS NO.: IL0432

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APPROVED BY:

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FACILITY DESCRIPTION: Chicago Department of Streets and Sanitation is a landfill which operated from 1956 to 1978. Site is currently under closure.

Principal Disposal Method (type and location): Landfilling took place from 1956 to 1978

Unusual Features (dike integrity, power lines, terrain, etc.): The Area was filled in with general municipal refuse.

Status: (active, inactive, unknown) Site has stopped landfilling since 1978. Site is currently under final closure. Site has been covered with a clay cap and possibly

History: (worker or non-worker injury; complaints from public; previous agency action): According to the department of Streets and Sanitation, this area was where the lake Calumet Harbor was filled in with general municipal refuse.

C. HAZARD EVALUATION

(Use Hazard Evaluation of Chemicals sheets for specific or representative chemicals present.): Heavy metals - Cadmium, Copper, Chromium, Nickel Lead, Mercury

LEVEL OF PROTECTION: A ___ B ___ C ___ D ✓

MODIFICATIONS: Possible upgrade to level 'C' if HNU shows readings 1-5 ppm above background.

SITE SAFETY PLAN ON FILE AT E & E: YES ✓ NO ___

D. FIELD WORK REQUIRED

PERIMETER ESTABLISHMENT: MAP/SKETCH ATTACHED? YES ✓ NO ___

Perimeter Identified? YES ✓ NO ___

Zone(s) of Contamination Identified? YES ___ NO ✓

Geophysical Work: YES ___ NO ✓

Type: Magnetometry ___ Seismic Refraction ___ GPR ___ Resistivity ___ Other___

Comments: ___

Drilling: YES ___ NO ✓

Well Location Identified: YES ___ NO ✓

Drill Plan/Well Installation Plan Attached: YES ___ NO ✓

Sampling Required: YES ___ NO X

Type: GW ___ SW ___ Air ___ Soil ___ Waste ___ Other ___

Sampling Locations Identified: YES ___ NO ___

SUMMARY OF SAMPLING PROCEDURES: (Special Equipment, Facilities, or Procedures)

Sampling of Groundwater monitoring wells is not necessary since they have been previously sampled. A location map of wells is needed.

E. ANALYTICAL SERVICES REQUIRED

RAS ____ SAS ____ CRL ____

F. QAPP

REQUIRED: YES ____ NO X

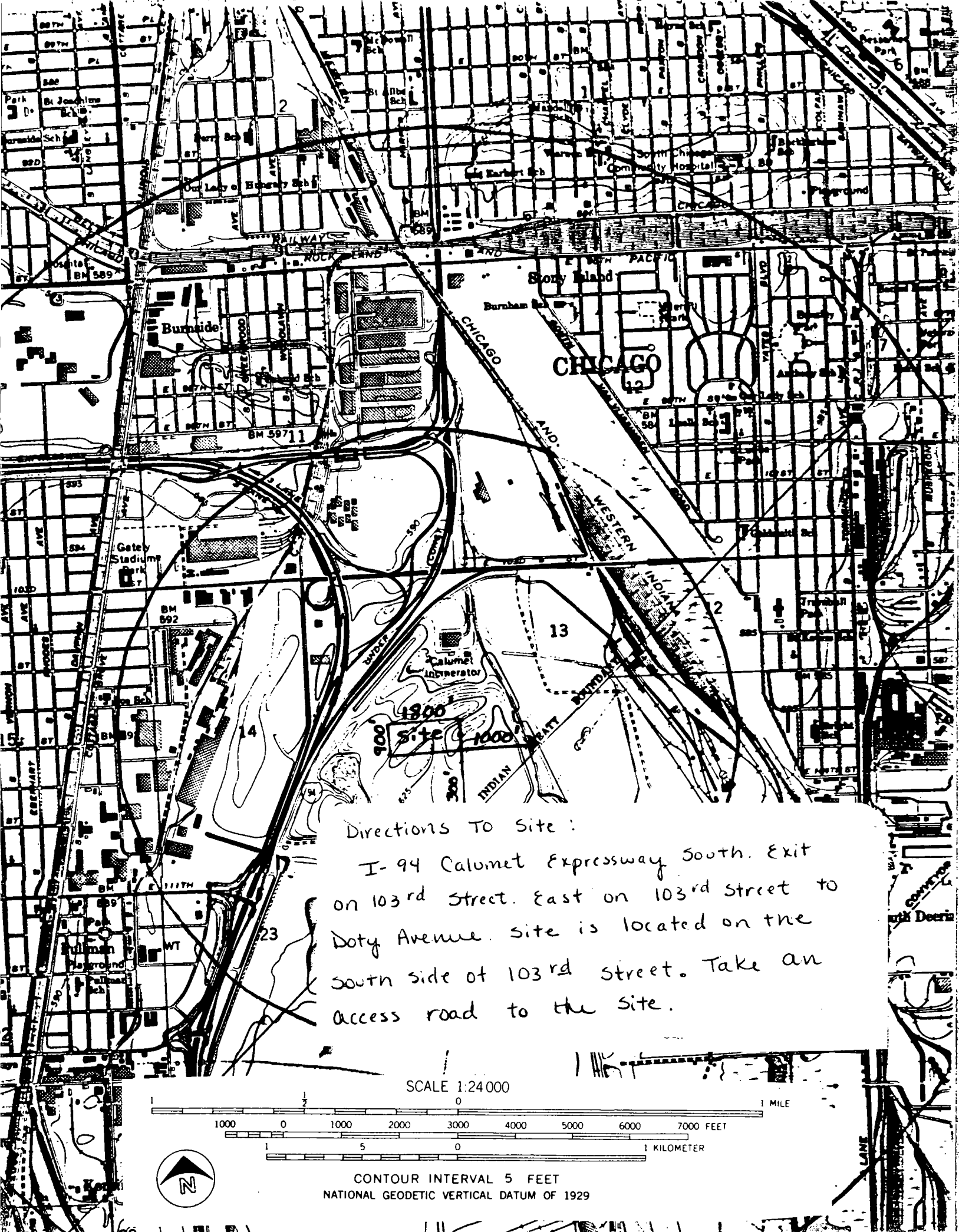
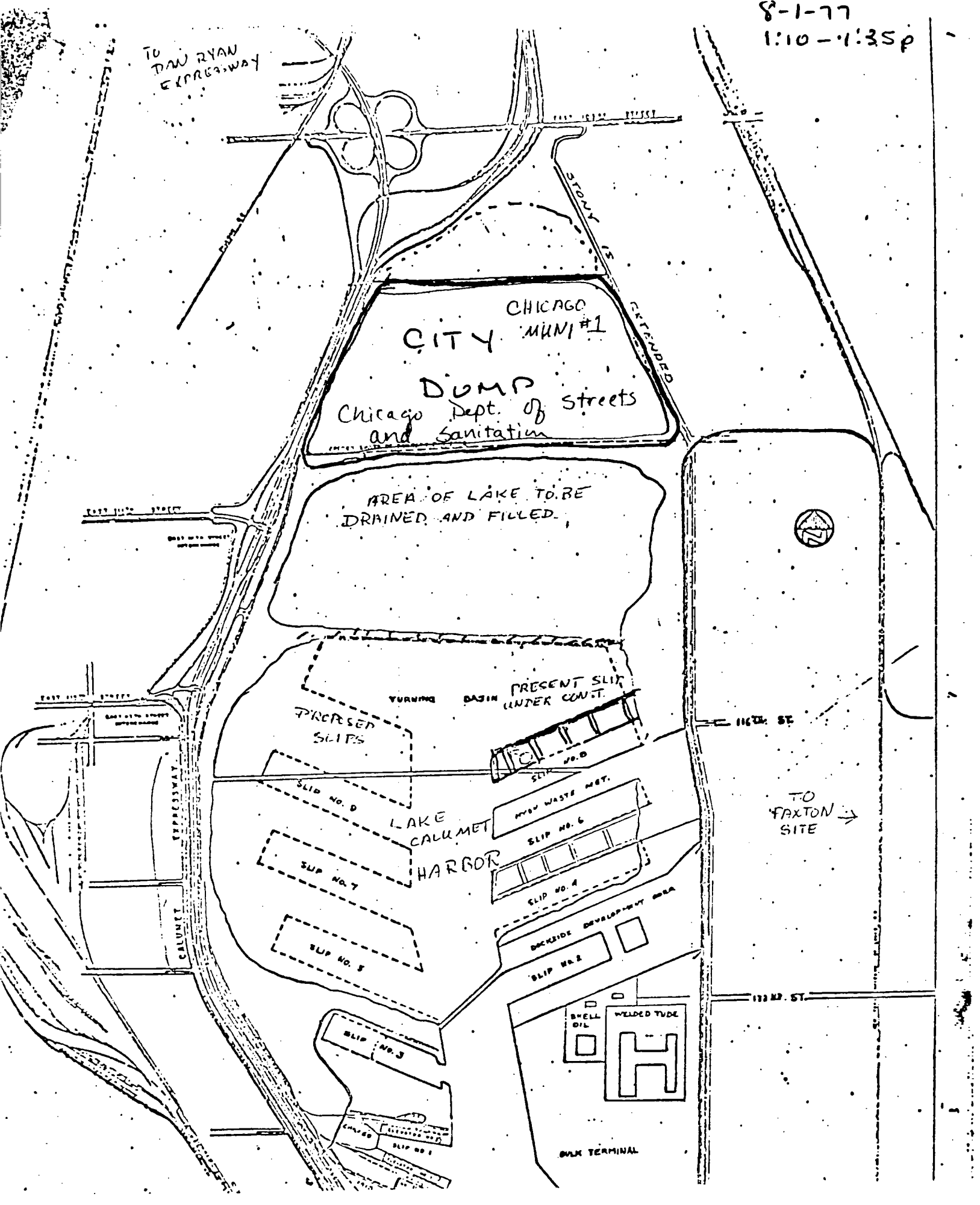
IF NO, EXPLAIN: No samples will be taken

G. SI WORK TEAM SIZE/LIMITATION

TEAM MEMBER	DISCIPLINE	RESPONSIBILITY
R. Jacquette	Geographer	Team header
Dave Cornock	Agronomist	Safety Officer

WORK LIMITATIONS (Time of day, etc.): Daylight hours only monitor for heat & or cold stress.

COMMENTS: Monitoring wells on site G101 - G104 has been tested and shown to certain heavy metals.


Burnside
Stony Island
CHICAGO
Gately Stadium
Calumet Incinerator
Site
1800'
1000'
900'
300'
INDIAN BOUNDARY
Pullman
Directions To Site:
I-94 Calumet Expressway South. Exit on 103rd Street. East on 103rd Street to Doty Avenue. Site is located on the south side of 103rd Street. Take an access road to the site.
SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

8-1-77
1:10 - 1:35p