EPA Region 5 Records Ctr.
304019

OK Dir'd 1-18-85

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	New Site

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site): Columbus Park	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER: 500 S Central Ave
03 CITY: Chicago	04 STATE: IL; 05 ZIP CODE: 60644; 06 COUNTY: COOK; 07 COUNTY CODE: 031; 08 CONG DIST: 7
09 COORDINATES LATITUDE: 41 52 30.0; LONGITUDE: 087 46 13.0	Berwyn & River Forest (32A&D)

10 DIRECTIONS TO SITE (Starting from nearest public road): See Attached Map

III. RESPONSIBLE PARTIES

01 OWNER (If known): Chicago Park District	02 STREET (Business, mailing, residential): 425 East McFetridge Drive
03 CITY: Chicago	04 STATE: IL; 05 ZIP CODE: 60605; 06 TELEPHONE NUMBER: (312) 294-2220
07 OPERATOR (If known and different from owner): Same	08 STREET (Business, mailing, residential):
09 CITY:	10 STATE: ; 11 ZIP CODE: ; 12 TELEPHONE NUMBER: ( )

13 TYPE OF OWNERSHIP (Check one)
☐ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☒ F. OTHER: Park District (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☐ A. RCRA 3001 DATE RECEIVED: __/__/__ (MONTH DAY YEAR) ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: __/__/__ (MONTH DAY YEAR) ☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
☐ YES DATE __/__/__ (MONTH DAY YEAR)
☒ NO

BY (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR ☐ C. STATE ☐ D. OTHER CONTRACTOR
☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: _____ (Specify)
CONTRACTOR NAME(S): _____

02 SITE STATUS (Check one)
☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION
BEGINNING YEAR | ENDING YEAR ☒ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Heavy Metals (Toxic, Persistant, Soluble)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
Direct Contact (Population)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☒ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NUMBER
Marilyn Katz	Health & Medicine Research	(312) 372-6475

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Richard Lange	IEPA	DLPC	(217) 782-9851	12 26 84 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	New Site

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- ✓ A SOLID
- B POWDER FINES
- C SLUDGE
- D OTHER (Specify)
- E SLURRY
- F LIQUID
- G GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

- TONS
- CUBIC YARDS Unk
- NO OF DRUMS

03 WASTE CHARACTERISTICS (Check all that apply)

- ✓ A TOXIC
- B CORROSIVE
- C RADIOACTIVE
- ✓ D PERSISTENT
- E SOLUBLE
- F INFECTIOUS
- G FLAMMABLE
- H IGNITABLE
- I HIGHLY VOLATILE
- J EXPLOSIVE
- K REACTIVE
- L INCOMPATIBLE
- M NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	Unk	Unk	Lead in Surface Soil

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

Unknown

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

USEPA Region #5, Chicago Park Dist, Health + Medicine Research

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
Il	New Site

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION — 02 [ ] OBSERVED (DATE _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: NA
04 NARRATIVE DESCRIPTION
Lead contamination of surface soil, probable percolation to ground-water, no known use of ground-water for human consumption

01 [X] B. SURFACE WATER CONTAMINATION — 02 [ ] OBSERVED (DATE _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION
Lagoon in park fed by surface run off from contaminated soil

01 [ ] C. CONTAMINATION OF AIR — 02 [ ] OBSERVED (DATE _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION

01 [ ] D. FIRE/EXPLOSIVE CONDITIONS — 02 [ ] OBSERVED (DATE _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION

01 [X] E. DIRECT CONTACT — 02 [ ] OBSERVED (DATE _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ND
04 NARRATIVE DESCRIPTION
20 schools within 1 mile radius of Park, user population of park could not be determined

01 [X] F. CONTAMINATION OF SOIL — 02 [ ] OBSERVED (DATE _____) — [ ] POTENTIAL — [X] ALLEGED
03 AREA POTENTIALLY AFFECTED: ~135 (Acres)
04 NARRATIVE DESCRIPTION
Soil sample taken by citizens group indicates lead contamination level at 6100 ppm

01 [ ] G. DRINKING WATER CONTAMINATION — 02 [ ] OBSERVED (DATE _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION

01 [X] H. WORKER EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE _____) — [X] POTENTIAL — [ ] ALLEGED
03 WORKERS POTENTIALLY AFFECTED: ND
04 NARRATIVE DESCRIPTION
Maintenance staff exposed to dust from lead contaminated soil

01 [X] I. POPULATION EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ND
04 NARRATIVE DESCRIPTION
See E & H above

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	New Site

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES (Spills runoff standing liquids leaking drums) — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Run off of surface water carrying lead contaminated soil

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: ND

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

USEPA & Chicago Park Dist.,
Health & Medicine Research

EPA FORM 2070-12 (7-81)

EXECUTIVE SUMMARY

Columbus Park is operated by the Chicago Park District and contains facilities as per the attached Park District inventory. This park was sampled during the summer of 1984 by a citizens group, the Coalition to Ban Leaded Gasoline. Sample analysis by the Chicago Board of Health showed elevated levels of lead in the surface soil.

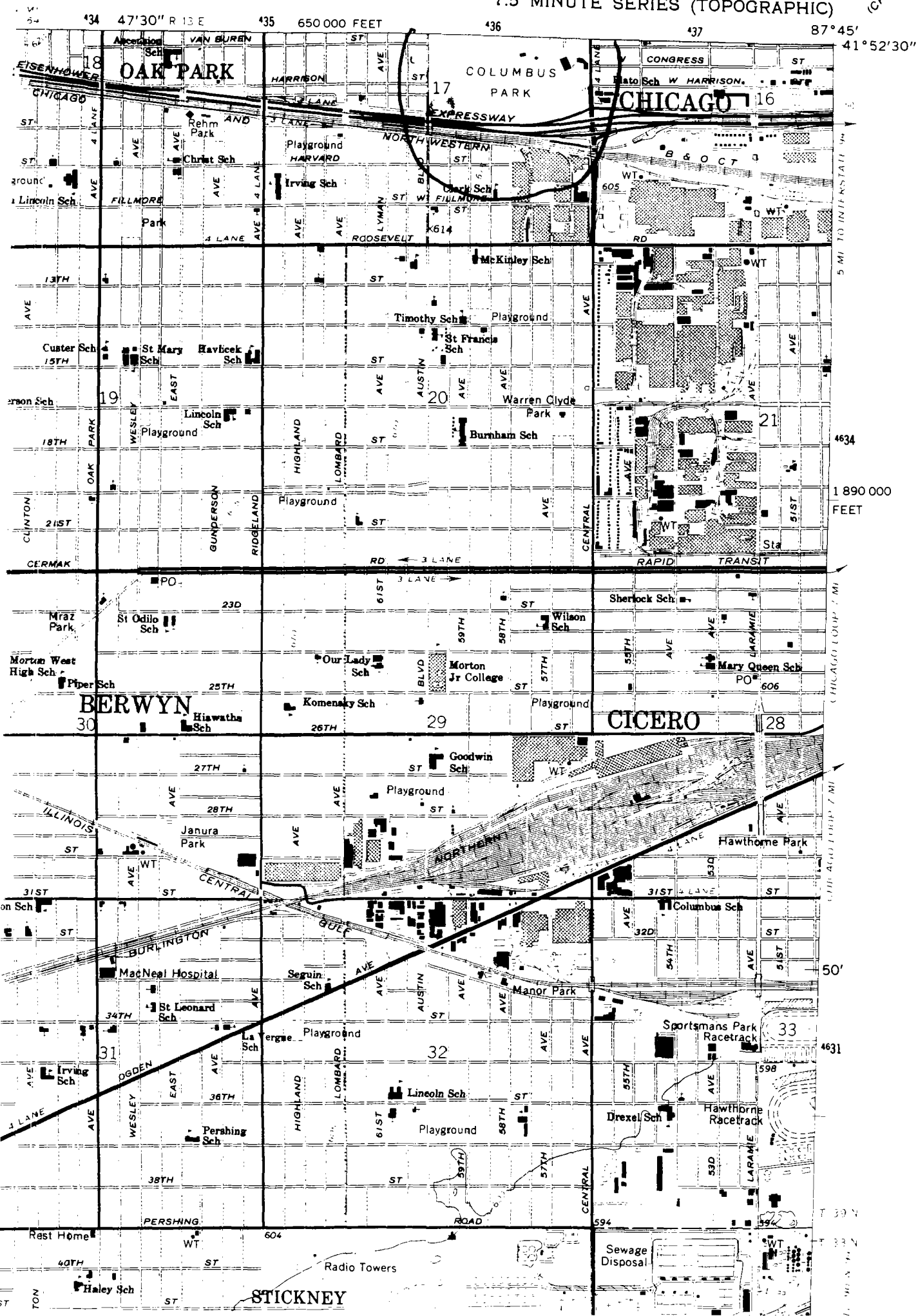
There has been no known waste disposal in this park area which would explain this, and contamination by aerial sources must be suspected.

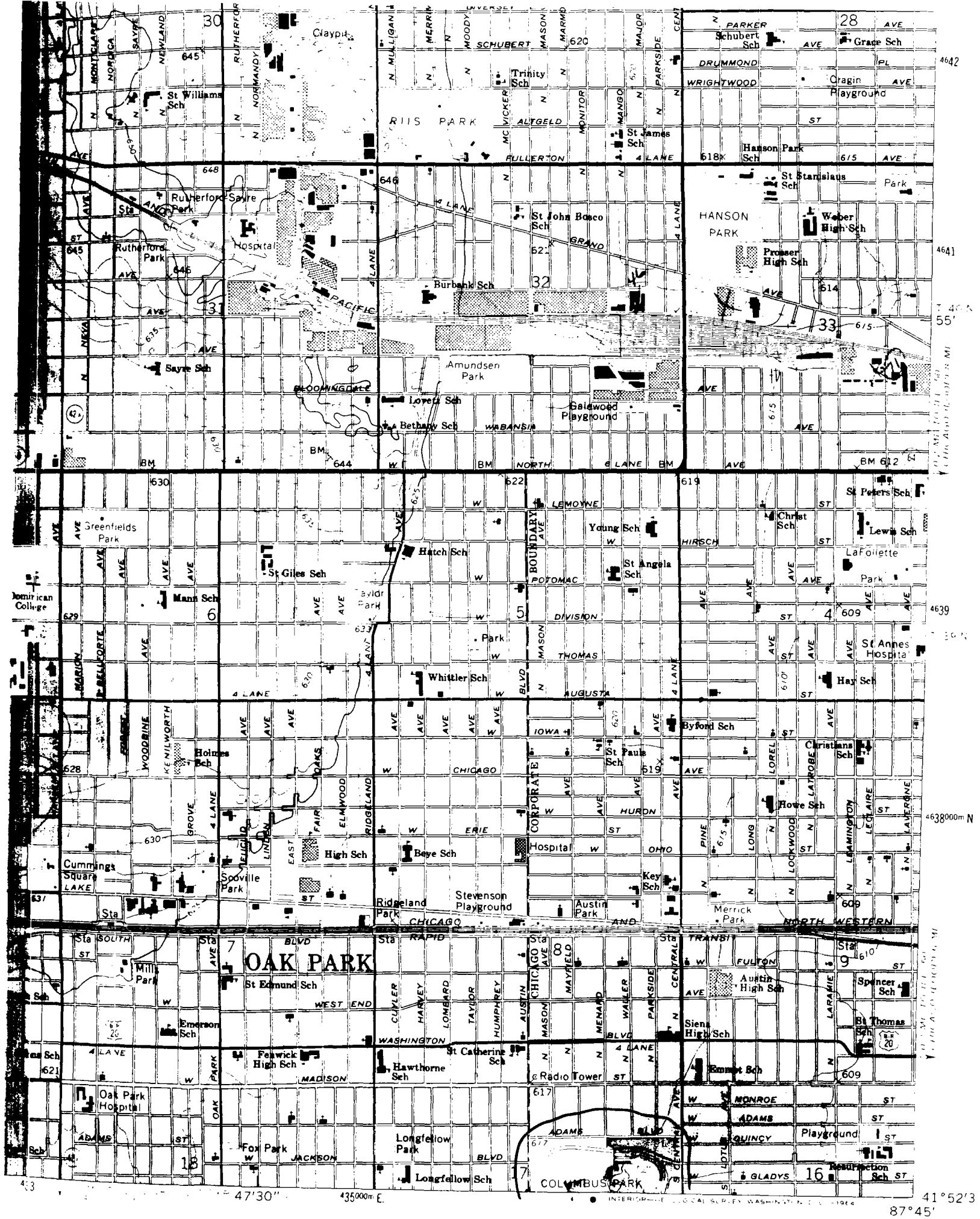
A high priority has been assigned due to the large potential user population exposed to elevated lead concentrations. The sampling techniques used by the Coalition to Ban Leaded Gasoline were questionable at best, and sampling by qualified technicicans and subsequent analyses should take place at the first opportunity.

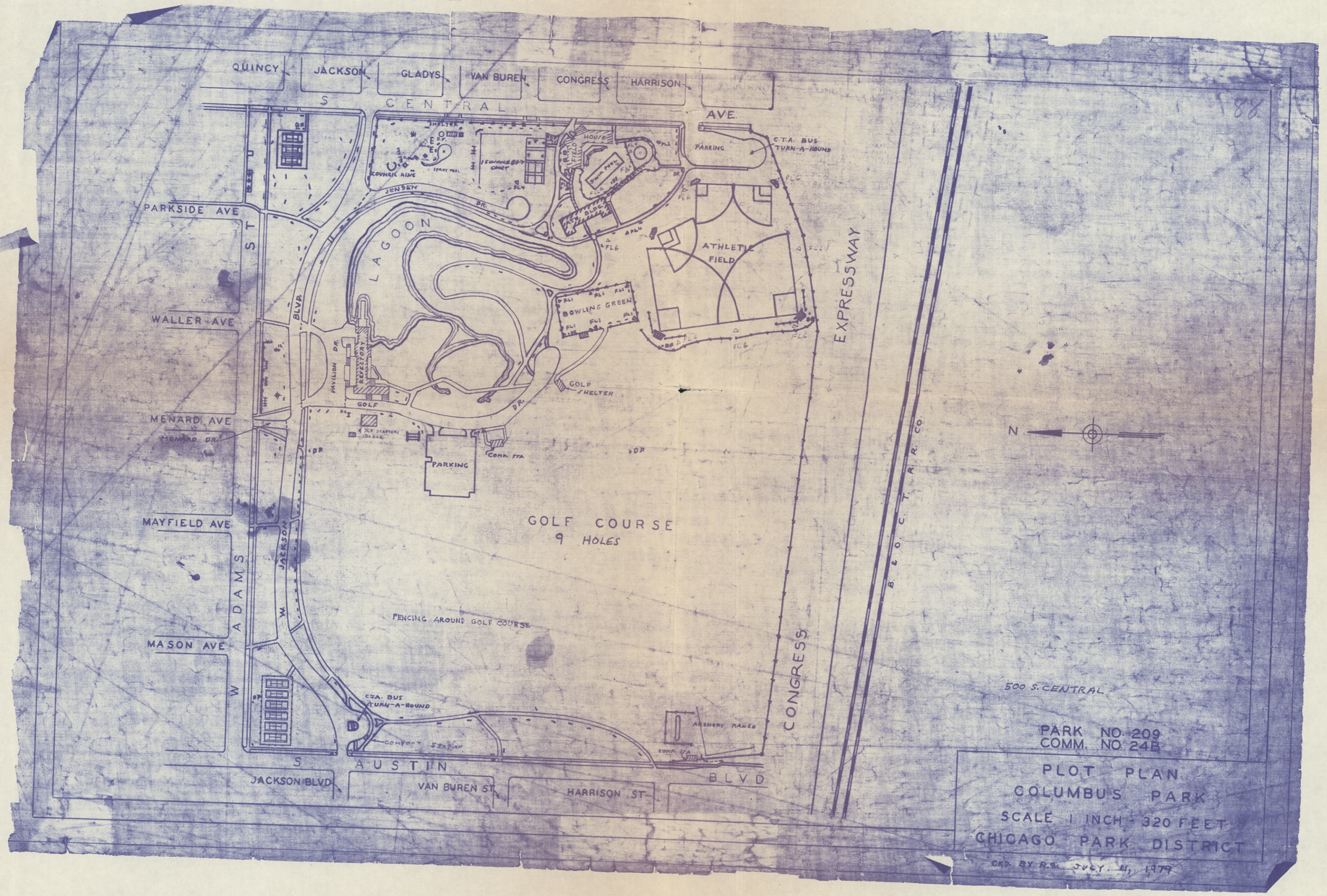
RL:tk/8

Attachment

ILLINOIS–COOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)




OAK PARK
RIIS PARK
HANSON PARK
Amundsen Park
Galewood Playground
Cragin Playground
Stevenson Playground
Ridgeland Park
Austin Park
Merrick Park
Columbus Park
Longfellow Park
Fox Park
Oak Park Hospital
Austin High Sch
Weber High Sch
Prosser High Sch
Hanson Park Sch
St Stanislaus Sch
St John Bosco Sch
Burbank Sch
Rutherford Sayre Park
Rutherford Park
Hospital
Claypit
Trinity Sch
St Williams Sch
St James Sch
Schubert Sch
Grace Sch
Sayre Sch
Lovett Sch
Bethany Sch
Greenfields Park
St Giles Sch
Hatch Sch
Mann Sch
Young Sch
St Angela Sch
Christ Sch
St Peters Sch
Lewis Sch
LaFollette Park
St Annes Hospital
Hay Sch
Whittier Sch
Byford Sch
Holmes Sch
St Paul Sch
Christians Sch
Howe Sch
High Sch
Beye Sch
Key Sch
Cummings Square
Scoville Park
Mills Park
St Edmund Sch
Emerson Sch
Fenwick High Sch
Hawthorne Sch
St Catherine Sch
Radio Tower
Siena High Sch
Emmet Sch
Spencer Sch
St Thomas Sch
Resurrection Sch
Dominican College
CHICAGO AND NORTH WESTERN
CHICAGO RAPID TRANSIT
47°30"
41°52'3
87°45'
ROAD CLASSIFICATION
Heavy-duty
Light-duty



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DEC 03 1984
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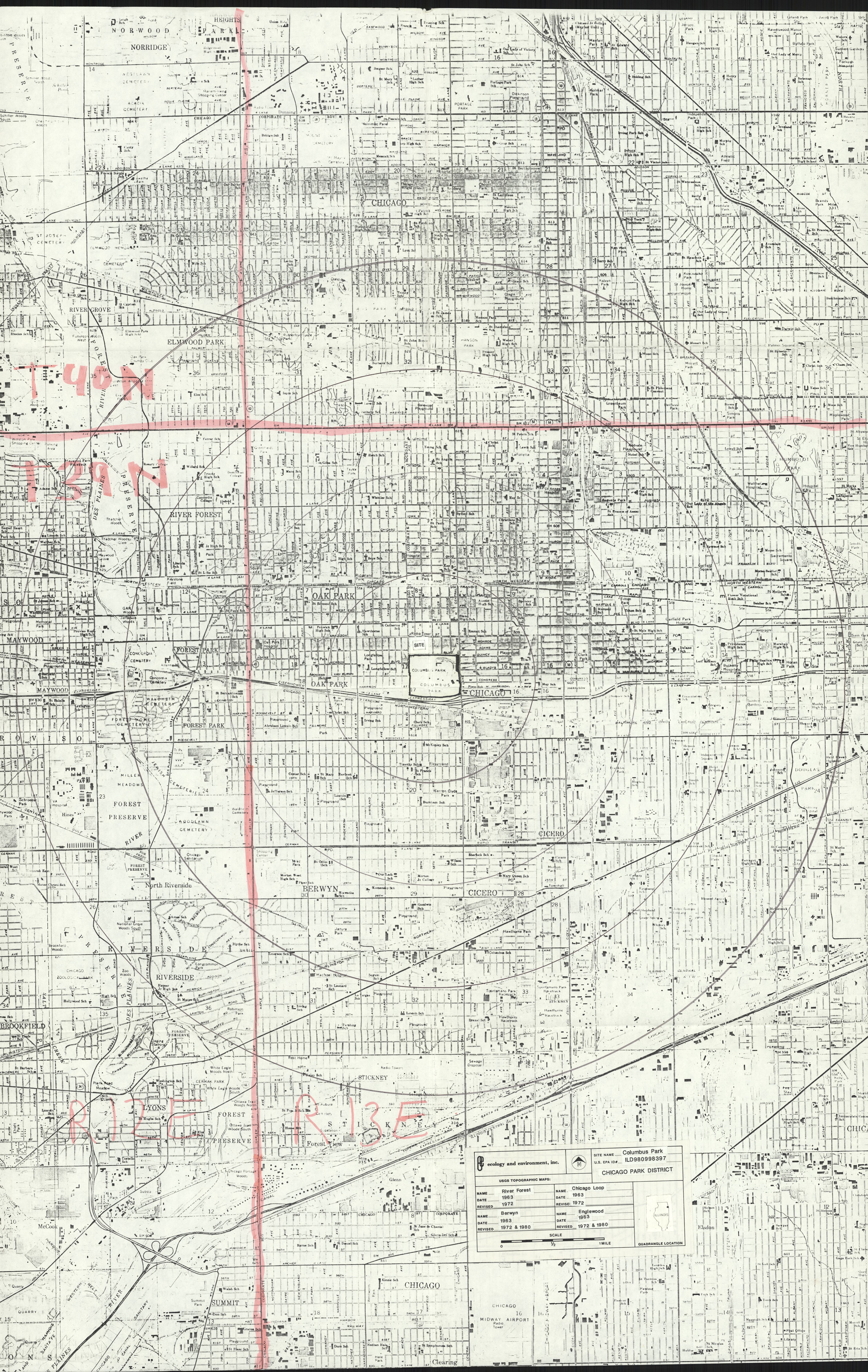
NORTH
NORWOOD PARK
NORRIDGE
CHICAGO
ELMWOOD PARK
RIVER FOREST
OAK PARK
MAYWOOD
FOREST PARK
COLUMBUS PARK
SITE
BERWYN
CICERO
RIVERSIDE
BROOKFIELD
STICKNEY
LYONS
SUMMIT
McCOOK
Elsdon
MIDWAY AIRPORT
ecology and environment, inc.
SITE NAME Columbus Park
U.S. EPA ID# ILD980998397
CHICAGO PARK DISTRICT
USGS TOPOGRAPHIC MAPS:
NAME River Forest
DATE 1963
REVISED 1972
NAME Chicago Loop
DATE 1963
REVISED 1972
NAME Berwyn
DATE 1963
REVISED 1972 & 1980
NAME Englewood
DATE 1963
REVISED 1972 & 1980
SCALE
0 1/2 1 MILE
ILLINOIS
QUADRANGLE LOCATION