Listed in RCRA (NO RCRA code) (with no) High - LGW
2010300086 560301 - further Research Required 7/26/88

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
ILD	005 212 394

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
East Wing Mfg. Co. AKA Estwing Mfg. Co.	2647 Eighth Street

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Rockford	IL	61101	Winnebago	201	16

09 COORDINATES LATITUDE	LONGITUDE	
42 14 20.0	089 04 48.0	Rockford South Quad N4207.5 - W8900/7.5

10 DIRECTIONS TO SITE (Starting from nearest public road) take US route 251 North past US route 20 to Harrison Road, turn left going west on Harrison Road to 8th street, turn left on 8th street going South one block, site is on the right side of the road.

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)
Normal Estwing	2647 Eighth Street

03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
Rockford	IL	61101	(815) 397-9521

07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)
Paul Devers	2647 Eighth Street

09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
Rockford	IL	61101	(815) 397-9521

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

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☒ A. RCRA 3001 DATE RECEIVED: 04/28/86 (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 03/11/87 (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
1923 (BEGINNING YEAR) | Present (ENDING YEAR) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Solvents (toxic, persistant, ignitable)
Acids (toxic)
Othe organics (toxic, persistant)

RECEIVED
APR 2 1988
Pre-Remedial Unit

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
groundwater (population, environment)
surface water (environment)

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
Tom Henninger	IEPA FOS Rockford regional office	(815) 987-7404

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Timothy J. Murphy	IEPA	DLPC RPMS	(217) 785-5737	12/28/87 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

EPA Region 5 Records Ctr.
316075

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
ILD	005 212 394

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
NO OF DRUMS 20

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	UNKNOWN		
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	UNKNOWN		
IOC	INORGANIC CHEMICALS			
ACD	ACIDS	UNKNOWN		
BAS	BASES			
MES	HEAVY METALS			

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
ACD	N-buty acetate	110190			
SOL	isobutyl alcohol	71363			
SOL	methyl ethyl ketone	78933			
ACD	butyl acetate	123864			
ACD	ethyl acetate	141786			
SOL	toluene	108883			
OCC	di-N-butylphthalate	64742			
OCC	bis(2-ethylhexyl)phthalate	117817			

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)

IEPA DLPC files
IEPA DPWS files

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
ILD	005212394

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION — 02 [ ] OBSERVED (DATE ____) — [X] POTENTIAL — ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 139,712 — 04 NARRATIVE DESCRIPTION
Public well 7A 9/10 of a mile to the North x Northeast is contaminated as is public well 35 less than 3/4 of a mile to the east and other private well that are closer are contaminated with VOC's

01 [X] B. SURFACE WATER CONTAMINATION — 02 [ ] OBSERVED (DATE: ____) — [X] POTENTIAL — ALLEGED
03 POPULATION POTENTIALLY AFFECTED: — — 04 NARRATIVE DESCRIPTION
Site is located one mile east of the rock river. Slope is southerly toward a ditch that goes into the river.

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 [ ] E. DIRECT CONTACT — 02 [ ] OBSERVED (DATE: ____) — POTENTIAL — ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ____ — 04 NARRATIVE DESCRIPTION

01 [X] F. CONTAMINATION OF SOIL — 02 [X] OBSERVED (DATE: 3/11/87) — POTENTIAL — ALLEGED
03 AREA POTENTIALLY AFFECTED: 7.5 (Acres) — 04 NARRATIVE DESCRIPTION
grab sample at leather dust dewater area shows 5ppb di-N-butyphthalate and 50 ppb Bis(2ethylhexyl) phthalate

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

01 [ ] H. WORKER EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE ____) — POTENTIAL — ALLEGED
03 WORKERS POTENTIALLY AFFECTED: ____ — 04 NARRATIVE DESCRIPTION

01 [ ] I. POPULATION EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE: ____) — POTENTIAL — ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ____ — 04 NARRATIVE DESCRIPTION

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
ILD	005 212 394

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: 3/11/87) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION
leather dust dewater area on site; was to have been cleaned up by this time

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

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
04 NARRATIVE DESCRIPTION
John Allen, a former employee of Eswing, claimed he dumped solvents, paints, paint thinner, etc. into a lagoon approximately 15' deep and 20' by 30' in length and width.

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

III. TOTAL POPULATION POTENTIALLY AFFECTED: 139 712

IV. COMMENTS

The site is located in the midst of many contaminated wells. Although there are other possible sources of the contamination, given the details of this site, a site inspection could reveal more conclusive data.

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

IEPA DLPC files
IEPA DPWS files (Rick Cobb 217/785-2271)

Illinois Environmental Protection Agency · P.O. Box 19276, Springfield, IL 62794-9276

January 19, 1988

Don Josif, USEPA

Tim Murphy TJM

2010300086--Winnebago Co.
East Wing Manufacturing Co. AKA Estwing Manufacturing Company
ILD 005212394
Superfund/HRS

EXECUTIVE SUMMARY

Estwing Manufacturing Company AKA East Wing Manufacturing Company (ILD 005212394) is located in the NE ¼ of Section 2 Township 43 N Range 1 E, with the address: 2647 Eighth Street, Rockford, IL. Eswing is a manufacturer of hammers and has been in business since 1923. The plant is sited on 7.5 acres with forging shops built separately from other process facilities. The drum storage area and leather dust dewater pit are located on the southwest side of the site.

In 1983 a painting operation was added to the manufacturing process which resulted in the generation of paint, lacquer thinner and lacquer-type wastes. These wastes were stored on-site for a period long enough (greater than 90 days) to qualify Estwing as a RCRA storage facility. The company does not want to operate as such and therefore submitted a closure plan (C338) to IEPA on July 6, 1987. Estwing will then be regulated as a small quantity generator.

On December 2, 1986, John Allen, a former employee of Estwing as of April, 1986, telephone Tom Henninger of IEPA Rockford regional office. John Allen explained dumping activities he had done while employed for Estwing Manufacturing Company. Allen said that he dumped solvents paint thinner, paint, etc., into a lagoon (on site) approximately 15 feet deep and 30 feet by 20 feet in length and width.

On March 11, 1987 a grab sample of soil was taken by Tom Henninger of IEPA in the leather dust dewater area and found to contain 5 ppb di-n-butyphthalate and 50 ppb bis(2-ethyl-hexyl)phthalate. When Tom Henninger questioned plant manager Paul Devers about what Estwing did with their hazardous waste in the past, Devers stated that to the best of his knowledge he really wasn't sure but though they had stored it in the last couple of years.

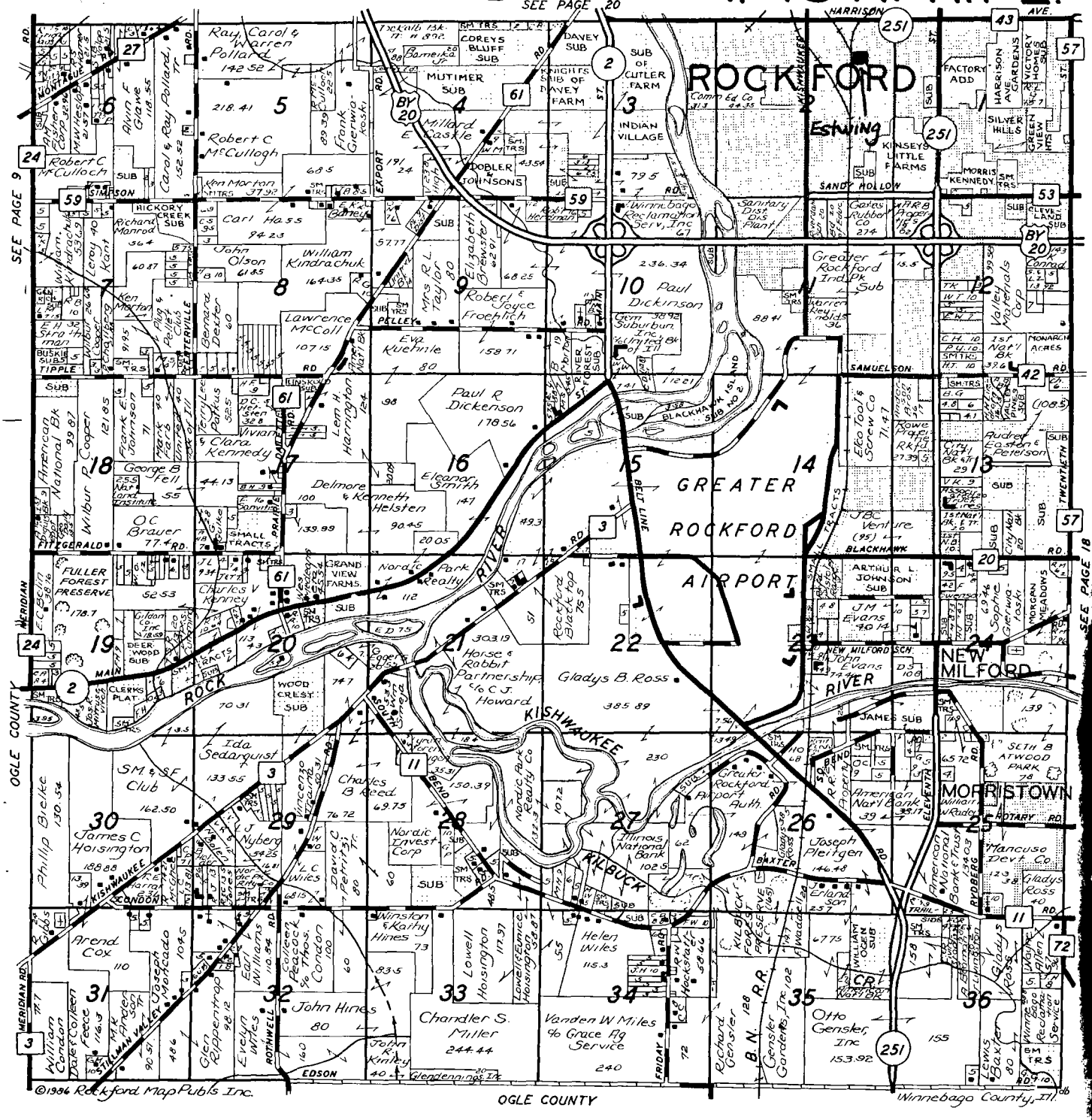
Several studies are being conducted on contamination in the Rockford area aquifers. IEPA's study, not yet finalized, shows that public wells and private wells within a mile of Estwing are contaminated by volatile organic hydrocarbons. Site geology shows soils having a sand and sand-and-gravel matrix making groundwater susceptible to contamination. Based on preliminary and projected HRS scores, relative proximity to contaminated wells and site geology, this author recommends a high priority for site inspection.

TJM:kh/p-2

cc: Division File
Rockford Region

SOUTHWEST PART

ROCKFORD T. 43 N.–R. 1 E.



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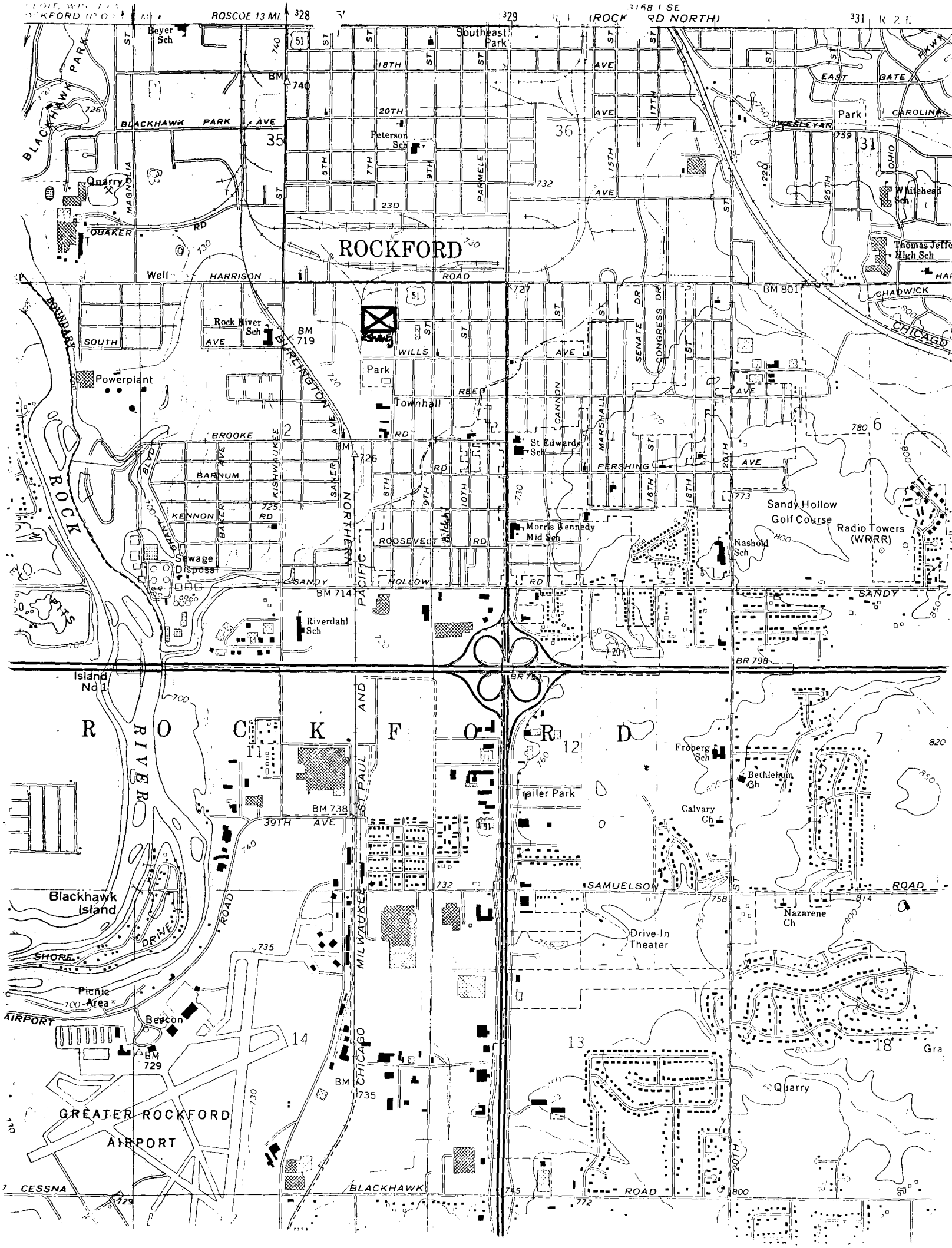
3701 EAST STATE STREET PHONE: (815) 398-6550 ROCKFORD, ILLINOIS 61108


ROSCOE 13 MI.
(ROCKFORD NORTH)
Beyer Sch
Southeast Park
BLACKHAWK PARK
BLACKHAWK PARK AVE
Quarry
MAGNOLIA
QUAKER RD
Peterson Sch
PARMELE
EAST GATE
CAROLINA
Park
Whitehead Sch
Thomas Jeffe High Sch
ROCKFORD
Well
HARRISON ROAD
CHADWICK
CHICAGO
Rock River Sch
BM 719
BURLINGTON
SOUTH AVE
Powerplant
WILLS AVE
Park
Townhall
REED RD
SENATE DR
CONGRESS DR
BROOKE RD
KISHWAUKEE
SAWER AVE
NORTHERN PACIFIC
St Edwards Sch
CANNON
MARSHALL
PERSHING AVE
BARNUM
KENNON RD
BAKER AVE
GRANT BLVD
ROCK RIVER
Sewage Disposal
ROOSEVELT RD
Morris Kennedy Mid Sch
Sandy Hollow Golf Course
Radio Towers (WRRR)
Nashold Sch
SANDY HOLLOW RD
BM 714
Riverdahl Sch
BR 798
Island No 1
ROCKFORD
Froberg Sch
Bethlehem Ch
Trailer Park
Calvary Ch
BM 738
39TH AVE
ST PAUL AND
SAMUELSON ROAD
Nazarene Ch
Blackhawk Island
Drive-In Theater
SHORE DRIVE
Picnic Area
AIRPORT
Beacon
BM 729
MILWAUKEE
CHICAGO
BM 735
Quarry
GREATER ROCKFORD AIRPORT
CESSNA
BLACKHAWK ROAD

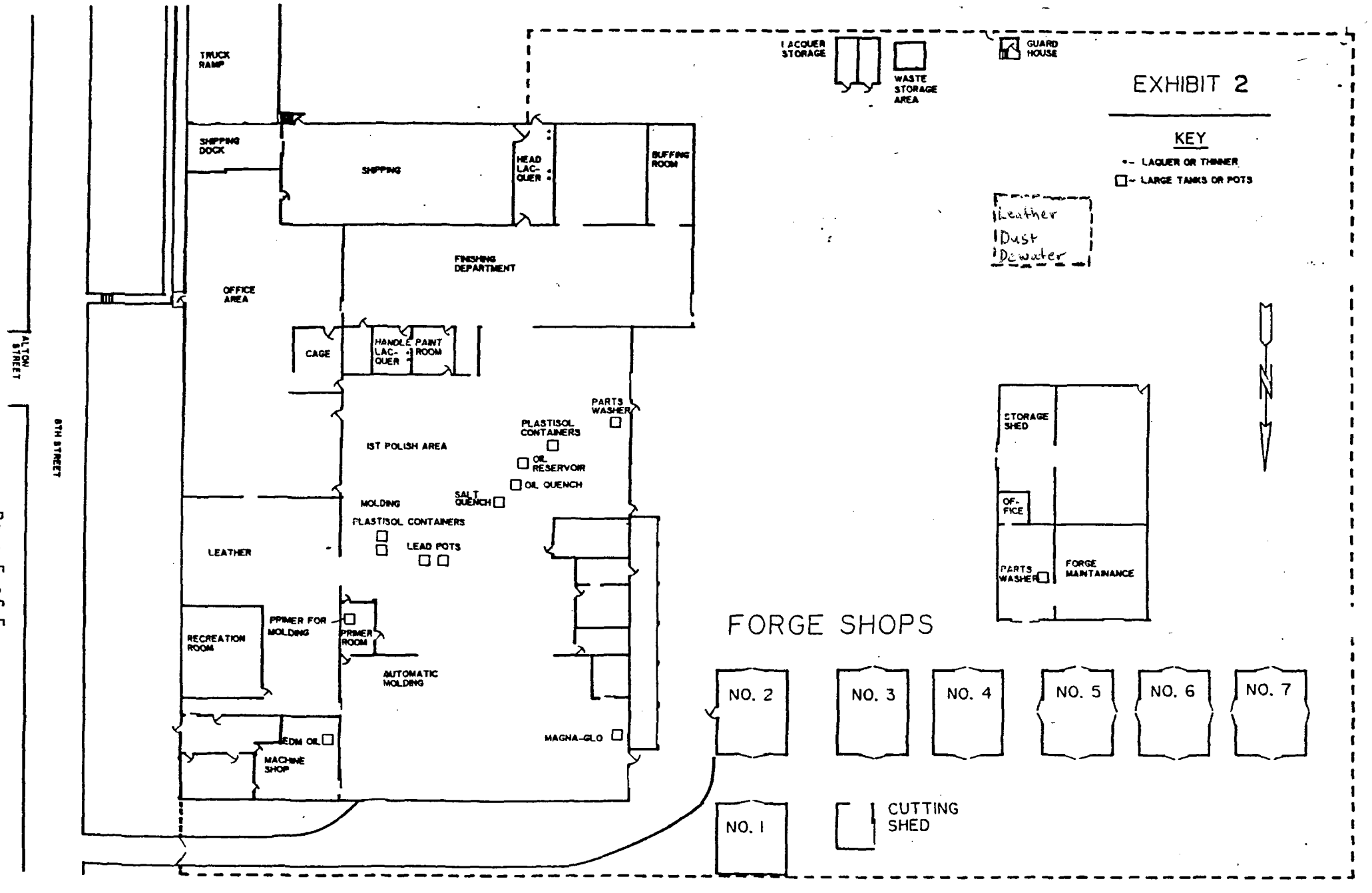


EXHIBIT 2
KEY
•- LAQUER OR THINNER
□- LARGE TANKS OR POTS
LACQUER STORAGE
WASTE STORAGE AREA
GUARD HOUSE
TRUCK RAMP
SHIPPING DOCK
SHIPPING
HEAD LAC-QUER
BUFFING ROOM
FINISHING DEPARTMENT
OFFICE AREA
CAGE
HANDLE LAC-QUER
PAINT ROOM
PARTS WASHER
PLASTISOL CONTAINERS
IST POLISH AREA
OIL RESERVOIR
OIL QUENCH
SALT QUENCH
MOLDING
PLASTISOL CONTAINERS
LEAD POTS
LEATHER
PRIMER FOR MOLDING
PRIMER ROOM
RECREATION ROOM
AUTOMATIC MOLDING
EDM OIL
MACHINE SHOP
MAGNA-GLO
ALTON STREET
8TH STREET
Leather
Dust
Dewater
STORAGE SHED
OF-FICE
PARTS WASHER
FORGE MAINTAINANCE
FORGE SHOPS
NO. 1
NO. 2
NO. 3
NO. 4
NO. 5
NO. 6
NO. 7
CUTTING SHED

D054355 AGENCY USE ONLY

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

MAR 17 1987 Page 1 of 1

RECORD CODE: L P C S M 0 1 (1–7) TRANS CODE: A (8)

REPORT DUE DATE (36 M / D / Y 41)

FEDERAL ID NUMBER ILD 005212394

SITE INVENTORY NUMBER 2 0 1 0 3 0 0 0 8 6 (9–18)

REGION 1 CO. Winnebago

Rockford (LOCATION) / Estwing Manf. Co. (RESPONSIBLE PARTY)

MONITOR POINT NUMBER X 2 0 1 (19–22) (see Instructions)

DATE COLLECTED 03/11/87 (23 M D Y 28)

IEPA LAB (see Instructions) X (29)

FOR IEPA USE ONLY

COMPLAINT NO.

DATE RECEIVED 05/05/87 (42 M D Y 47)

SAMPLING PURPOSE CODE 4 (48) (see Instructions)

TIME CARD PROGRAM CODE L P 4 1 (49–52) & UNIT CODE N (53)

BACKGROUND SAMPLE (X) (54)

TIME COLLECTED (24 HR CLOCK) 13:00 (55 H M 58)

UNABLE TO COLLECT SAMPLE (see Instructions) (59)

MONITOR POINT SAMPLED BY (see Instructions) O (60) Grab by trowel OTHER (SPECIFY)

SAMPLE FIELD FILTERED - INORGANICS (X) (61) ORGANICS (X) (62)

SAMPLE APPEARANCE (63) BLACK (102)

COLLECTOR COMMENTS (103) (142)

SPECIAL INSTRUCTIONS TO LAB PRIVATE WELL PROJECT ☐ ORGANIC SCAN

USE SW-846 PROCEDURES: YES X NO ___

Tom Henninger (COLLECTED BY) T A H (143–145 INITIALS) DLPC (DIVISION OR COMPANY) ___ (TRANSPORTED BY) ___ (DIVISION OR COMPANY)

LAB USE ONLY

LAB SAMPLE NO. D054355 LAB NAME JTS Springfield LAB ID NO. (146–149)

DATE RECEIVED MAR 17 1987 AND ADDRESS

TIME RECEIVED

SAMPLE TEMP OKAY (Y/N) SAMPLE PROPERLY PRESERVED (Y/N) DATE COMPLETED ___ FORWARD 5-1-87

LAB COMMENTS (150) (199)

SUPERVISOR SIGNATURE J. Hurley

RECORD CODE L P C S M 0 2 (1–7) TRANS CODE A (8) (Columns 9-29 from above)

FIELD MEASUREMENTS CONSTITUENT DESCRIPTION AND REQUIRED UNIT OF MEASURE		STORET NUMBER	REMARKS	SEE INST	REPLICATE	< OR >	VALUE	REPORTING LEVEL DIGITS TO L OR R	L OR R OF DECIMAL
DEPTH TO WATER (ft. below LS)	507F	72019 (30–34)	(35)	(36)	(37)		(38–47)	(48)	(49)
ELEVATION OF GW SURFACE (ft. ref MSL)	508F	71993							
TOTAL WELL DEPTH (ft. below LS)	509F	72008							
ALKALINITY TOTAL (mg/l as CaCO3) - Field	505F	00431							
REDOX POTENTIAL (millivolt) - Field	506F	00090							
pH (units) - Field	500F	00400							
SPEC CONDUCTANCE (umhos) - Field	503F	00094							
TEMP OF WATER SAMPLE (°C) - Field	502F	00010							
RECEIVED									

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continues, and/or a fine up to $1,000.00 and imprisonment up to one year. This form has been approved by the Forms Management Control.

IEPA-DLPC

IL 532-1218
LPC 160 3/84

002-002

.LINOIS ENVIRONMENTAL PROT. TION AGENCY

SAMPLE NUMBER : D754355
SAMPLING POINT DESC. : WINNEBAGO/ROCKFORD/ESTWING MONT CO X201

SUBMITTING SOURCE # : SITE # : 2010305291
DATE COLLECTED : 870311 TIME COLLECTED : 1300 SAMPLING PROGRAM :

COLLECTED BY : TOM HENNINGER DELIVERED BY : MESS
COMMENTS :
FUNDING CODE : LP41 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0

DATE RECEIVED : 870317 TIME RECEIVED : 1000 RECEIVED BY : JTS
LAB OBSERVATIONS : 6OZ SOIL REPORTING INDICATOR :
SUPERVISORS INITIALS : JTH NOTE : K = LESS THAN VALUE

A34273	BIS(2-CHLOROETHYL)ETHER	UG/G	: 1.0K
A34566	1,3-DICHLOROBENZENE	UG/G	: 1.0K
A34571	1,4-DICHLOROBENZENE	UG/G	: 1.0K
A34536	1,2-DICHLOROBENZENE	UG/G	: 1.0K
A34283	BIS(2-CHLOROISOPROPYL)ETHER	UG/G	: 1.0K
A34396	HEXACHLOROETHANE	UG/G	: 1.0K
A34428	N-NITROSO-DI-N-PROPYLAMINE	UG/G	: 1.0K
A34447	NITROBENZENE	UG/G	: 1.0K
A34408	ISOPHORONE	UG/G	: 1.0K
A34278	BIS(2-CHLOROETHOXY)METHANE	UG/G	: 1.0K
A34551	1,2,4-TRICHLOROBENZENE	UG/G	: 1.0K
A34696	NAPHTHALENE	UG/G	: 1.0K
A34391	HEXACHLOROBUTADIENE	UG/G	: 1.0K
A34386	HEXACHLOROCYCLOPENTADIENE	UG/G	: 1.0K
A34581	2-CHLORONAPHTHALENE	UG/G	: 1.0K
A34200	ACENAPHTHYLENE	UG/G	: 1.0K
A34341	DIMETHYL PHTHALATE	UG/G	: 1.0K
A34626	2,6-DINITROTOLUENE	UG/G	: 1.0K
A34205	ACENAPHTHENE	UG/G	: 1.0K
A34611	2,4-DINITROTOLUENE	UG/G	: 1.0K
A34381	FLUORENE	UG/G	: 1.0K
A34336	DIETHYL PHTHALATE	UG/G	: 1.0K
A34641	4-CHLOROPHENYL PHENYL ETHER	UG/G	: 1.0K
A34636	4-BROMOPHENYL PHENYL ETHER	UG/G	: 1.0K
A39700	HEXACHLOROBENZENE	UG/G	: 1.0K
A34461	PHENANTHRENE	UG/G	: 1.0K
A34220	ANTHRACENE	UG/G	: 1.0K
A39110	DI-N-BUTYLPHTHALATE	UG/G	: 5
A34376	FLUORANTHENE	UG/G	: 1.0K
A34469	PYRENE	UG/G	: 1.0K
A34292	BUTYL BENZYL PHTHALATE	UG/G	: 1.0K
A34320	CHRYSENE	UG/G	: 1.0K
A34526	BENZO(A)ANTHRACENE	UG/G	: 1.0K
A34631	3,3'-DICHLOROBENZIDINE	UG/G	: 1.0K

SAMPLE NUMBER : D754355

A39100	BIS(2-ETHYLHEXYL)PHTHALATE	UG/G :	50
A34596	DI-N-OCTYL PHTHALATE	UG/G :	1.0K
A34230	BENZO(A)FLUORANTHENE	UG/G :	1.0K
A34242	BENZO(K)FLUORANTHENE	UG/G :	1.0K
A34247	BENZO(A)PYRENE	UG/G :	1.0K
A34403	INDENO(1,2,3-C,D)PYRENE	UG/G :	1.0K
A34556	DIBENZO(A,H)ANTHRACENE	UG/G :	1.0K
A34521	BENZO(GHI)PERYLENE	UG/G :	1.0K
A34694	PHENOL	UG/G :	1.0K
A34586	2-CHLOROPHENOL	UG/G :	1.0K
A34591	2-NITROPHENOL	UG/G :	1.0K
A34606	2,4-DIMETHYL PHENOL	UG/G :	1.0K
A34601	2,4-DICHLOROPHENOL	UG/G :	1.0K
A34616	2,4-DINITROPHENOL	UG/G :	1.0K
A34657	2-METHYL-4,6-DINITROPHENOL	UG/G :	1.0K
A34646	4-NITROPHENOL	UG/G :	1.0K
A34452	4-CHLORO-3-METHYLPHENOL	UG/G :	1.0K
A34621	2,4,6-TRICHLOROPHENOL	UG/G :	1.0K
A39032	PENTACHLOROPHENOL	UG/G :	1.0K
A34418	CHLOROMETHANE	UG/G :	1.0K
A34413	BROMOMETHANE	UG/G :	1.0K
A39175	VINYL CHLORIDE	UG/G :	1.0K
A34311	CHLOROETHANE	UG/G :	1.0K
A34423	METHYLENE CHLORIDE	UG/G :	1.0K
A34488	TRICHLOROFLUOROMETHANE	UG/G :	1.0K
A34501	1,1-DICHLOROETHYLENE	UG/G :	1.0K
A34496	1,1-DICHLOROETHANE	UG/G :	1.0K
A34546	TRANS-1,2-DICHLOROETHYLENE	UG/G :	1.0K
A32106	CHLOROFORM	UG/G :	1.0K
A34531	1,2-DICHLOROETHANE	UG/G :	1.0K
A34506	1,1,1-TRICHLOROETHANE	UG/G :	1.0K
A32102	CARBON TETRACHLORIDE	UG/G :	1.0K
A32101	BROMODICHLOROMETHANE	UG/G :	1.0K
A34541	1,2-DICHLOROPROPANE	UG/G :	1.0K
A34699	TRANS-1,3-DICHLOROPROPENE	UG/G :	1.0K
A39180	TRICHLOROETHYLENE	UG/G :	1.0K
A78124	BENZENE	UG/G :	1.0K
A32105	DIBROMOCHLOROMETHANE	UG/G :	1.0K
A34511	1,1,2-TRICHLOROETHANE	UG/G :	1.0K
A34704	CIS-1,3-DICHLOROPROPENE	UG/G :	1.0K
A34576	2-CHLOROETHYLVINYL ETHER	UG/G :	1.0K
A32104	BROMOFORM	UG/G :	1.0K
A34516	1,1,2,2-TETRACHLOROETHANE	UG/G :	1.0K
A34475	TETRACHLOROETHYLENE	UG/G :	1.0K
A78131	TOLUENE	UG/G :	1.0K
A34301	CHLOROBENZENE	UG/G :	1.0K
A78113	ETHYLBENZENE	UG/G :	1.0K
A81551	XYLENE	UG/G :	1.0K

SAMPLE NUMBER : D754355

030	:	THE FOLLOWING QUANTITATIONS ARE APPROXIMATE	
031	:	ALIPHATIC HYDROCARBONS	UG/G : 50
032	:	ALIPHATIC ACID ESTERS	UG/G : 1800
033	:	OTHER ORGANIC COMPOUNDS	UG/G : 580

ILL. E
STATE OF ILLINOIS

LOG

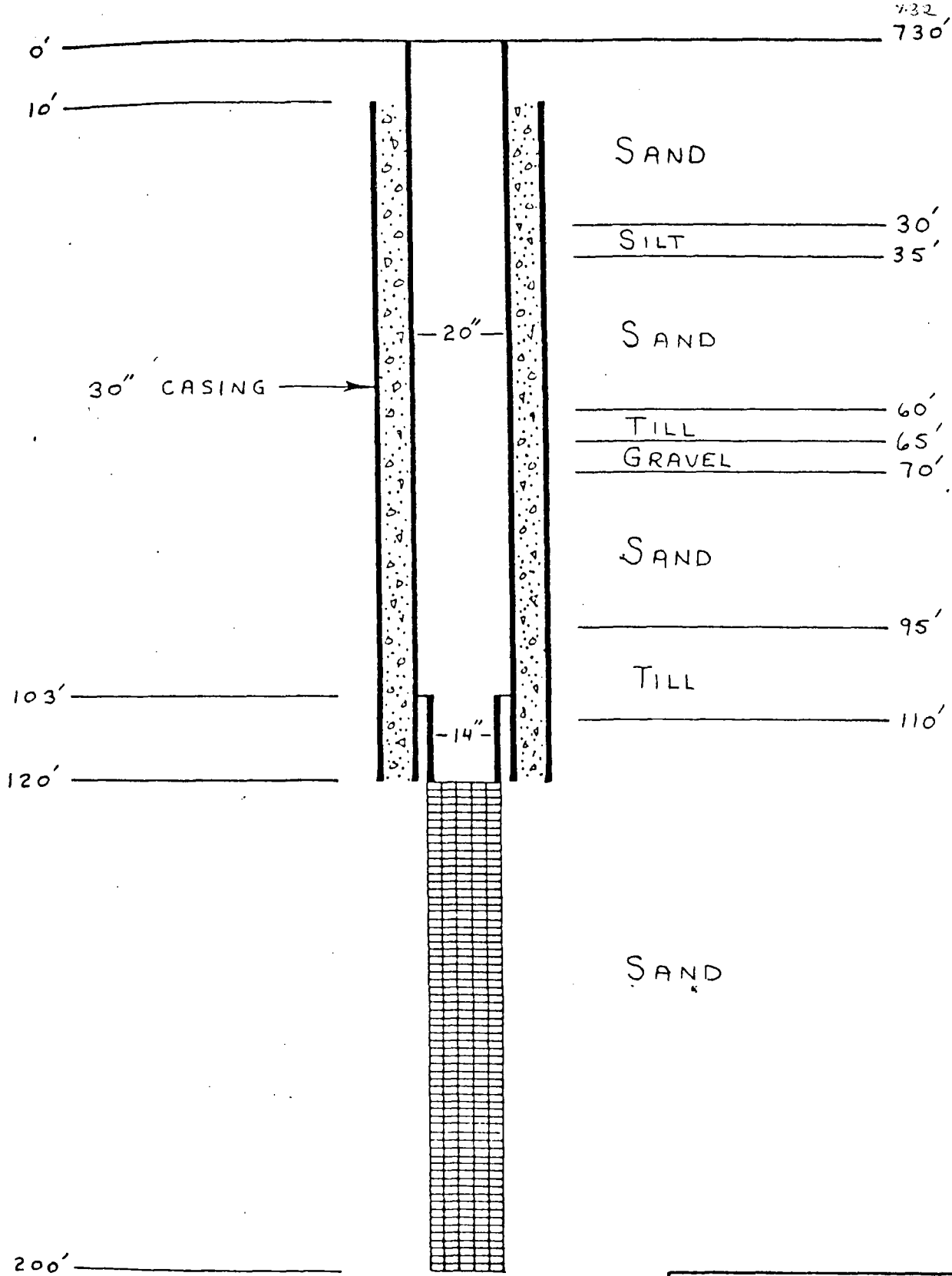
ROCKFORD WELL 7A

1801 11th Street

10/8/82

Sheet 66 of 330

1 static 50'
pumping 65
v.32



CITY OF ROCKFORD
WATER DEPARTMENT
UNIT WELL 7A

ILD#: 981956790 I. D#: 2010000000 COUNTY: WINNEBAGO REGION: ROCKFORD
SITE NAME: ROCKFORD PUBLIC WELL #7A
ADDRESS: 42-14-54/089-04-23 ZIP CODE: 99999
CITY: ROCKFORD LAT: 42 14 54.0 LONG: 089 04 23.0
S.D. DATE: 87/04/23 CONTACT 1: R. COBB SOURCE: IEPA/PWS
P.A. DATE: 87/06/09 CONTACT 2: J. MORSE LEAD 2: STATE
S.I. DATE: CONTACT 3: LEAD 3:
H.R. DATE: CONTACT 4: LEAD 4:
COMMENTS: PWS # 2010300

EXECUTIVE SUMMARY: THE ROCKFORD MUNICIPAL WATER SUPPLY HAS BEEN KNOWN TO BE CONTAMINATED FOR OVER FIVE YEARS. THE CITY HAS ESTABLISHED GUIDELINES FOR WELL UTILIZATION IN AN EFFORT TO LIMIT THE USE OF CONTAMINATED WELLS. WELL #7A IS LOCATED ON THE CITY BLOCK BETWEEN 11TH AND 12TH STREETS ON 18TH AVENUE IN THE CITY OF ROCKFORD. THIS WELL WAS SAMPLED BY THE IEPA (PWS) AND WAS FOUND TO CONTAIN LOW CONCENTRATIONS OF ORGANIC SOLVENTS IN THE RANGE OF 0.6 TO 3.4 PPB (SEE ATTACHED MAP AND CHEMICAL ANALYSES).

WELL #7A IS 200 FEET DEEP AND IS OBTAINING WATER FROM THE SHALLOW GLACIAL SAND AND GRAVEL DEPOSITS ASSOCIATED WITH THE BURIED ROCK BEDROCK VALLEY.

A WELL HEAD SURVEY AND LISTING OF POTENTIAL SOURCES OF CONTAMINATION IS IN PROGRESS.

9/10 of a mile to the N by N, NE of Estimating

ROCKFORD

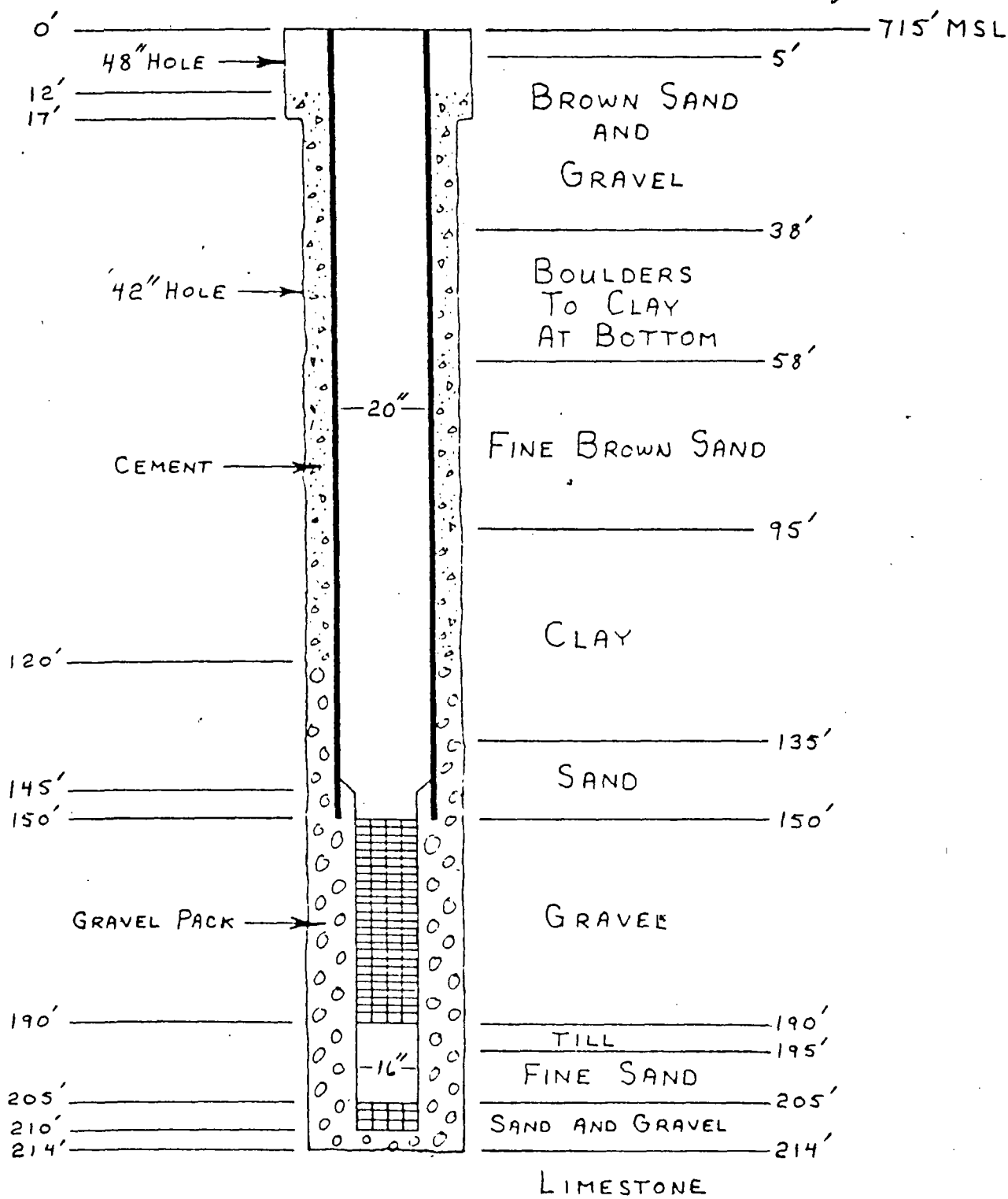
LOG

UNIT WELL 35

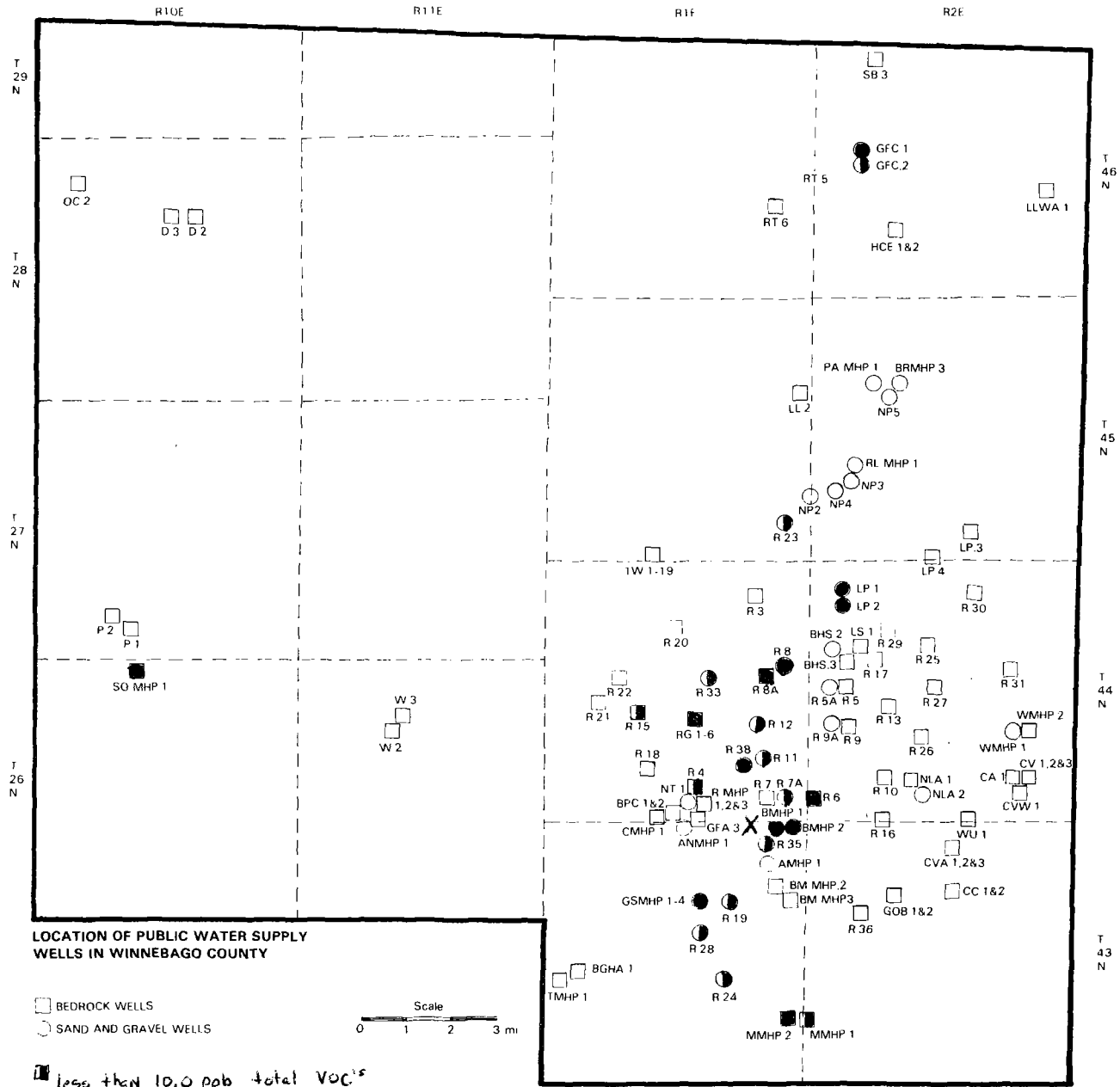
2944 Bildahl Street

Sheet 307 of 330

Static 30'
pumping 57'



Data was furnished by
Rockford Water Dept.



LOCATION OF PUBLIC WATER SUPPLY WELLS IN WINNEBAGO COUNTY

BEDROCK WELLS

SAND AND GRAVEL WELLS

less than 10.0 ppb total VOC's

greater than 10.0 ppb total VOC's

X Site location

A1 Dolomite within 5 ft of land surface

A2 Dolomite within 20 ft of land surface

A3 Soils with seasonably high water tables or soils subject to flooding (poorly, somewhat poorly, and moderately well-drained soils). Waste probably will not be absorbed and limitations are considered to be severe to very severe.

A4 Sand and gravel, usually greater than 50 ft thick, at land surface

B Sand and gravel within 20 ft of land surface overlain by till or other fine-to medium-textured material

C1 Dolomite within 50 ft of land surface overlain by till or other fine-to medium-textured material

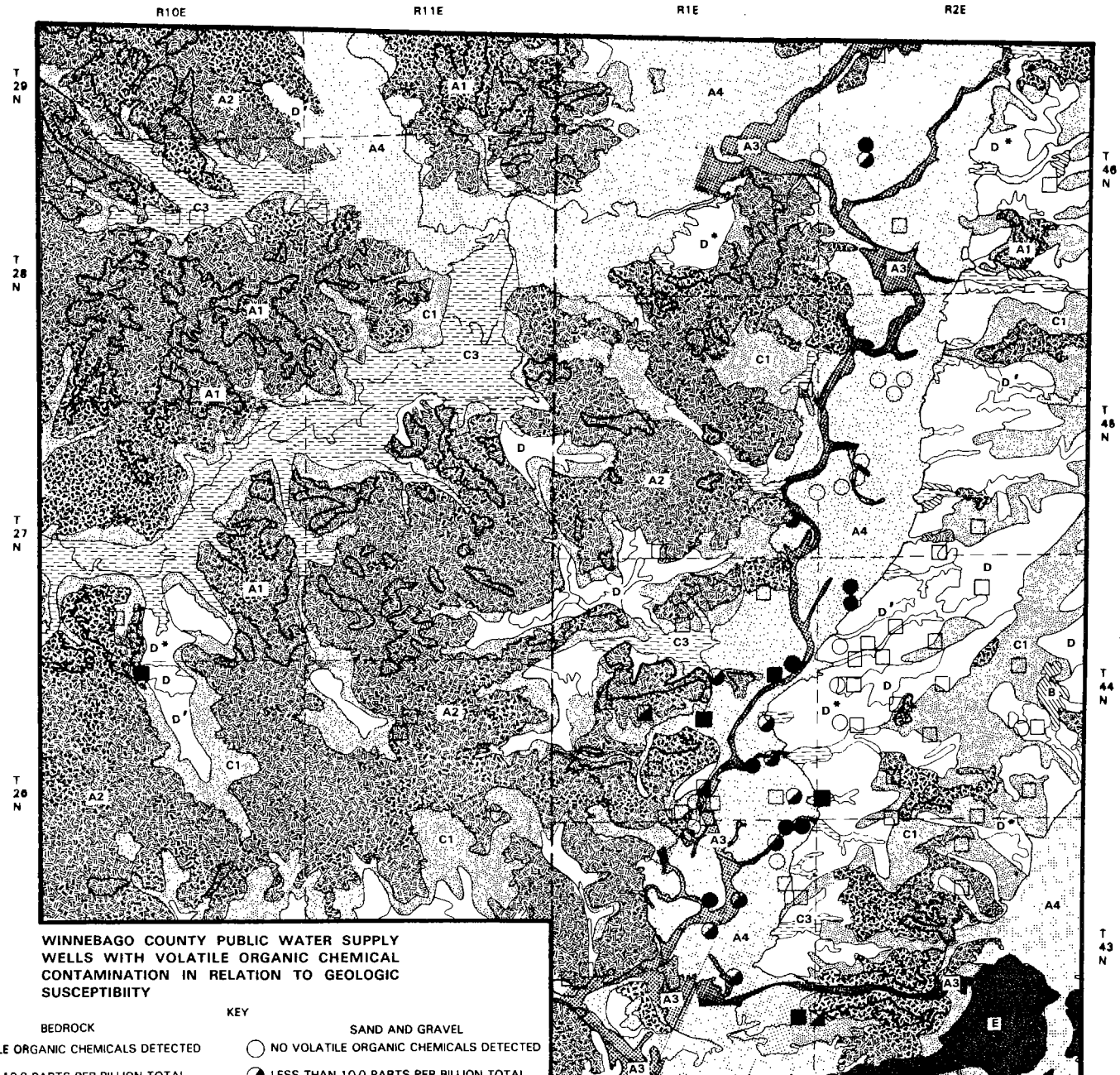
C3 Sand and gravel possible within 50 ft of land surface; mostly in low land silty-clay (ec) areas where data are sparse

D Predominately sandy till greater than 50 ft thick

E Loamy to silty-clay till greater than 50 ft thick

Extensively, poorly drained and/or lowland areas

Uplands with greater than a 5% slope; includes steeply sloping (discharge) along the Rock River Valley



WINNEBAGO COUNTY PUBLIC WATER SUPPLY WELLS WITH VOLATILE ORGANIC CHEMICAL CONTAMINATION IN RELATION TO GEOLOGIC SUSCEPTIBIITY

KEY

BEDROCK

- NO VOLATILE ORGANIC CHEMICALS DETECTED
- LESS THAN 10.0 PARTS PER BILLION TOTAL VOLATILE ORGANIC CHEMICALS
- GREATER THAN OR EQUAL TO 10.0 PARTS PER BILLION TOTAL VOLATILE ORGANIC CHEMICALS

SAND AND GRAVEL

- NO VOLATILE ORGANIC CHEMICALS DETECTED
- LESS THAN 10.0 PARTS PER BILLION TOTAL VOLATILE ORGANIC CHEMICALS
- GREATER THAN OR EQUAL TO 10.0 PARTS PER BILLION TOTAL VOLATILE ORGANIC CHEMICALS

Scale

0 1 2 3 mi

Modified after
Berg and Cartwright, 1984

TABLE 1

MAXIMUM INVENTORY OF WASTE

Material	Maximum Storage	Waste at Time of Closure	Waste Code
Lacquer thinner n-butyl acetate		0	D001
Lacquer isobutyl alcohol methyl ethyl ketone ethyl acetate toluene	1,100 gal Total	0	D001
Paint methyl ethyl ketone isobutyl alcohol	50 gal Total	0	D001

from Huff + Huff closure plan
June 29, 1987