5E0301
A0101

Superfund/HRS High-STAGE 2 High ✓ 7-30-87

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D981956790

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER				
Rockford Public Well #7A	42° 14' 54" / 089° 04' 23"				
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Rockford	IL	61104	Winnebago	201	16
09 COORDINATES LATITUDE	LONGITUDE		Rockford South N4207.5-W8900 / 7.5 24A		
N 42 14 54.0	W 89 04 23.0				

10 DIRECTIONS TO SITE (Starting from nearest public road) See attached map

EPA Region 5 Records Ctr.
316076

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, mailing, residential)		
City of Rockford	UNKNOWN		
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
Rockford	IL	61104	( ) UNKNOWN
07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)		
Jon Crooks	1100 Cedar St.		
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
Rockford	IL	61104	(815) 987-5714

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: / / (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 10 / 23 / 85 (MONTH DAY YEAR)
☐ NO
LAST SAME

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
1947 (BEGINNING YEAR) | Present (ENDING YEAR) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
Solvents (toxic, persistant, volatile)

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

RECEIVED
JUN 9 1987
Program Support Section

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
George Brettrager Superintendent	City of Rockford Water Dept	(815) 987-5700

04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
JEANINE MORSE	IEPA	DLPC/HIEU	(217) 782-6760	05 / 18 / 87 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

#00841 NB

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D981956790

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

A SOLID
B POWDER, FINES
C SLUDGE
D OTHER UNKNOWN (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 UNKNOWN

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	UNKNOWN	
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
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
SOL	1,1,1-trichloroethane	71556	UNKNOWN	UNKNOWN	UNKNOWN
SOL	trichloroethylene	79016	"	"	"
SOL	tetrachloroethylene	127184	"	"	"

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		

UNKNOWN

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

IEPA PWS Facility # 2010300 Well # 11632

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	D981956790

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION — 02 [X] OBSERVED (DATE 10/23/85) — POTENTIAL — ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 140000 — 04 NARRATIVE DESCRIPTION Samples of well 7A were found to contain concentrations of the solvents 1,1,1 - trichloroethane; trichloroethylene; and tetrachloroethylene in the range of 0.60 ppb to 3.40 ppb

01 [ ] B. SURFACE WATER CONTAMINATION — 02 [ ] OBSERVED (DATE:) — POTENTIAL — ALLEGED
03 POPULATION POTENTIALLY AFFECTED: — 04 NARRATIVE DESCRIPTION
UNKNOWN

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

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

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

01 [ ] F. CONTAMINATION OF SOIL — 02 [ ] OBSERVED (DATE:) — POTENTIAL — ALLEGED
03 AREA POTENTIALLY AFFECTED: (Acres) — 04 NARRATIVE DESCRIPTION
UNKNOWN

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

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

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

EPA

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

I. IDENTIFICATION
01 STATE: IL
02 SITE NUMBER: D981956[illegible]

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

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

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

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

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

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

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
UNKNOWN

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

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

III. TOTAL POPULATION POTENTIALLY AFFECTED: 140000

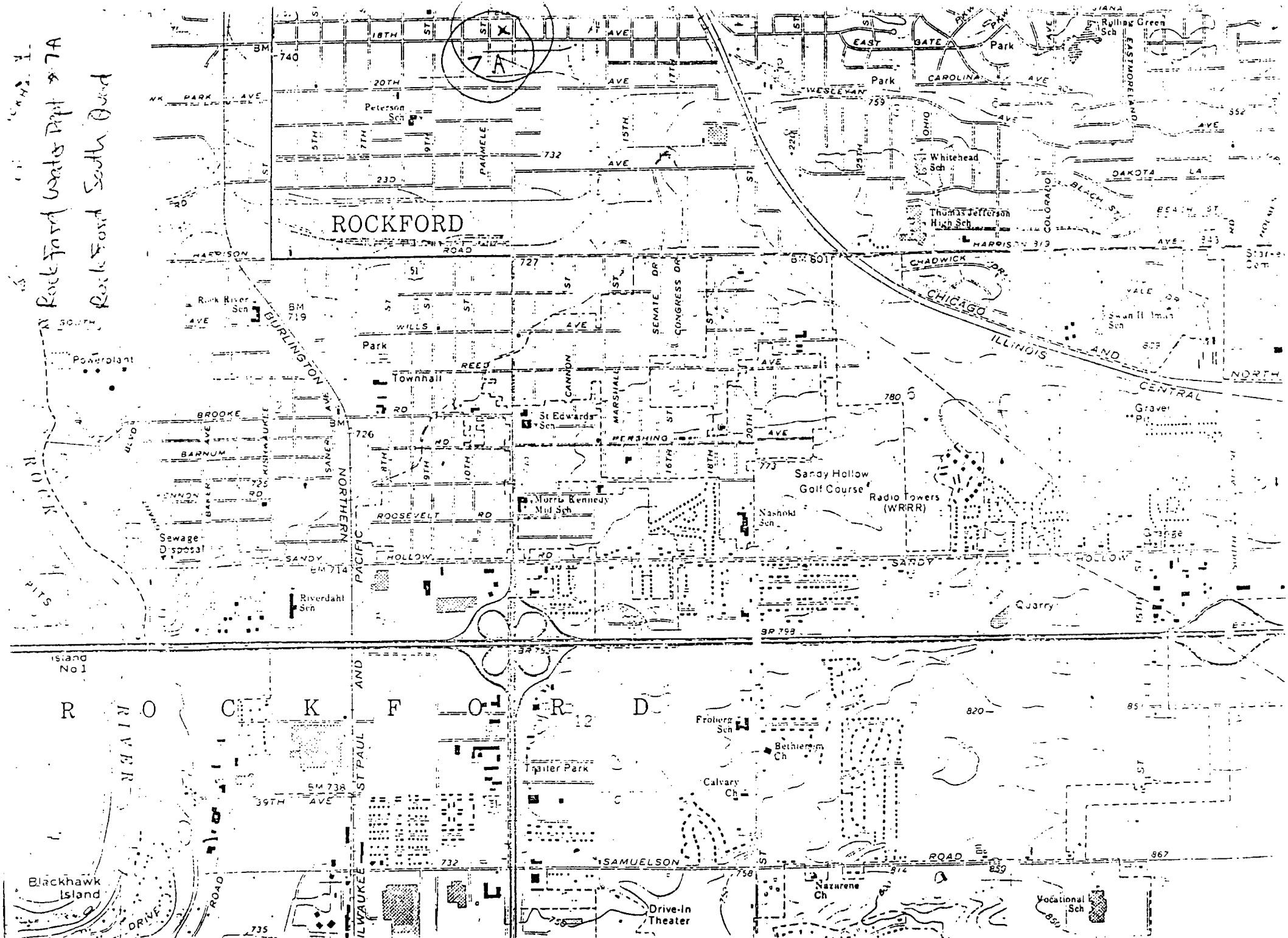
IV. COMMENTS

Rockford Public Well #7A is 200 feet deep in the sands of the Rock River bedrock valley

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

See VI

Rock Ford Center Dept & 7A
Rock Ford South Quad



S. #43764

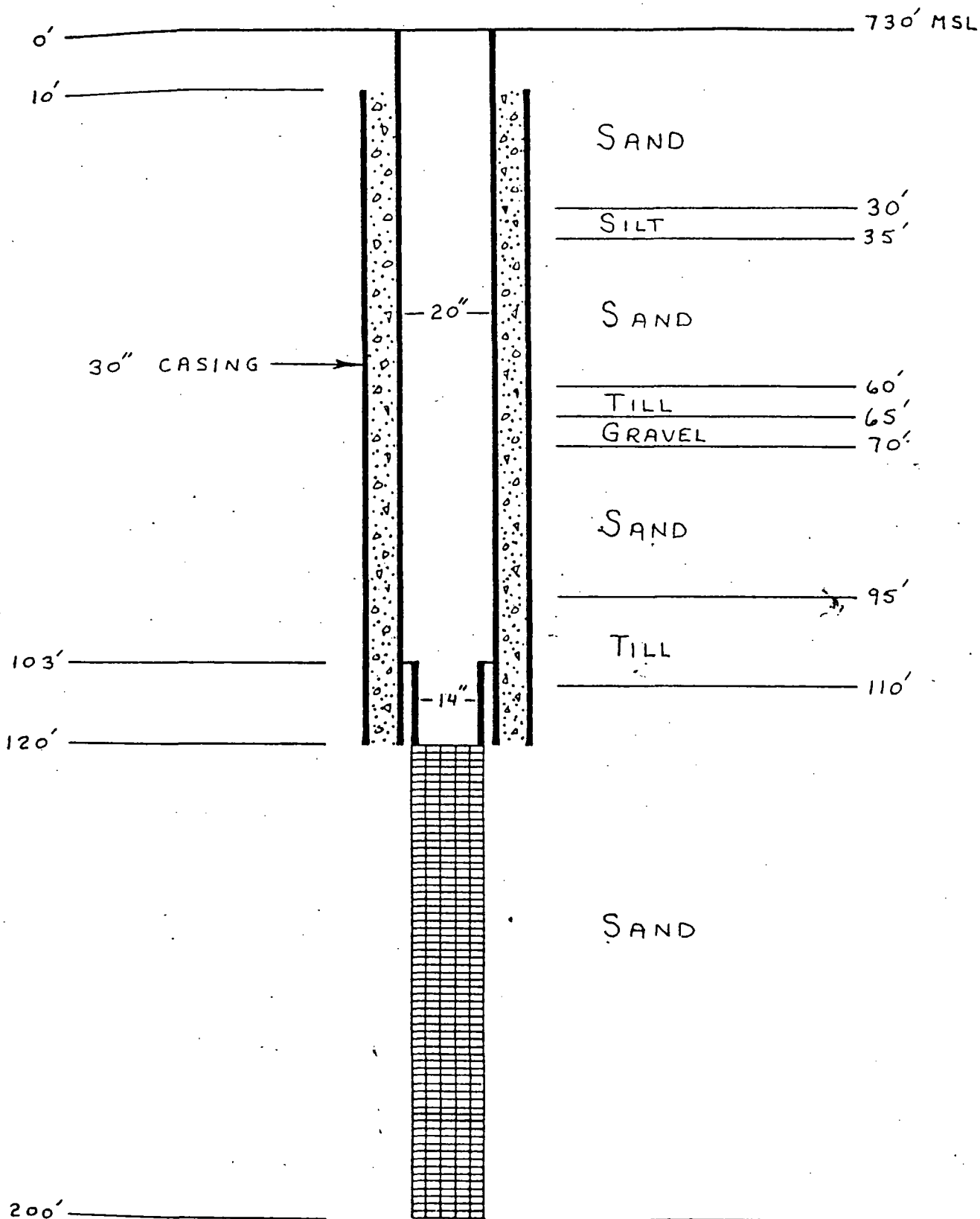
COMPOUND	CONCENTRATION
Methylene Chloride	<0.1
1,1-Dichloroethane	<0.1
Dichloroethylene	<0.1
Chloroform	<0.1
t-1,2-Dichloroethane	<0.1
1,1,1-Trichloroethane	0.6
Carbon Tetrachloride	<0.1
Dichlorobromomethane	<0.1
Trichloroethylene	2.4
Dibromochloromethane	<0.1
Bromoform	<0.1
Tetrachloroethylene	3.4
Benzene	<0.1
Toluene	<0.1
Chlorobenzene	<0.1
Ethylbenzene	<0.1
Xylenes (total)	<0.1
Dichlorobenzene	<0.1

ROCKFORD

LOG
WELL 7A

10/8/82

Sheet 66 of 330



CITY OF ROCKFORD
WATER DEPARTMENT

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 parts per billion (see attached map and chemical analysis).

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.