0310965069--Cook County
Joslyn Corporation
ILD077054708

5E0301-A0101

High-GSW
~~4/5/89~~
12/1/89

State Lead

APR 03 1989
Remedial

CERCLA

Preliminary Assessment Report

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

EPA Region 5 Records Ctr
343645

Joslyn
Corperation

SITE LOCATION

0310965069 - Cook County
Josyln Corperation
ILD077054708

Executive Summary

The Josyln Corporation is located in Section 27, T40N, R12E in Franklin Park, Cook County, Illinois The property contains 36 acres in an industrial and residential area of the city The parcel is bound on the east by the Soo Line Railroad, on the west by the Indiana Harbor Belt Railroad, on the north by Midwest Concrete Company and on the south by Fullerton Avenue

From 1930 to 1972, the Joslyn Corperation had operated a wood treating facility for railroad ties and telephone poles The original wood treating operation was located on the west side of the site In 1946, it was replaced by a new treatment facility located on the east side of the site Creosote and pentachlorophenal wood treating compounds were primarily used and copper-chromium-arsenic (CCA) may have been used The wood preservatives were stored in tanks directly north of the treatment building and were pressured treated into the wood Rail cars rolled the treated wood into the rail yard were the ties and poles would dry A waste pond was located just south of treatment building In 1973, Railway Engineering and Supply, Incorporated of Fulton Valley, California purchased the 16 5 acres off the north end of the Joslyn Facility, using credit obtained from Talman/Home Federal Savings and Loan Railway Engineering and Supply operated the site as a rail-car painting, repair and tank flushing operation until 1985 when the facility went bankrupt In the foreclosure action, Talman/Home Federal Savings and Loan became the owner of the site

The trustees for Talman/Home Federal Savings and Loan hired HTO Real Estate Services of DesPlains, Illinois to perform a subsurface investigation of the property as a prerequisite for the sale of the site In turn, HTO Real Estate Services subcontracted Terra Testing, Incorporated of River Grove, Illinois to do the sampling In April, 1986, the areas of the railroad yard and the former wood treating building were sampled Results of the investigation showed creosote and pentachlorophenol (PCP) at 8700 ppm and 770 ppm, respectively, near the area of the former wood treating building

Based on Terra Testing's report and a site visit, the Illinois Environmental Protection Agency (IEPA) developed a Record of Decision in December, 1986 which addressed the immediate removal actions required for the site The Record of Decision called for a two phase remedial action plan including soil borings and monitor well installation in phase I and a hydrogeologic study in phase II

Joslyn Corperation regained the 16 5 acres when they purchased it from Talman/Home in June, 1987 Joslyn Corperation then hired Warzyn Engineering Incorporated of Itasca, Illinois to perform the remedial action plan Warzyn's October, 1987 soil samples indicated the highest levels of contamination to be located in the southern third of the site and in the area of the old tank farm With this information, IEPA had the Joslyn Corperation added to CERCLIS

A summary of Warzyn's findings was reported to IEPA in February 1989 The sample results show PCP and constituents of creosote detected in both soil and groundwater Elevated concentrations of polynucleated aromatic hydrocarbons (PNAs) were found in the soil in four areas the wood treating area, the former wood treating area, the tank farm, and the southwest section of the site The vertical extent of elevated concentrations of the compounds in the wood treating areas was 6 to 10 feet, 3 to 8 5 feet in the tank farm area and 1 to 3 feet in the southwest section
Warzyn also observed pockets of soil saturated with creosote in borings and test pits in the wood treating areas, the tank farm and to a lesser extent, in the southwest section

Volatile organic compounds (VOCs) were detected in a few areas, primarily the wood treating and tank farm areas In two of the borings, the compounds detected were primarily benzene, toluene, ethlybenzene and xylene in concentrations of 22 to 175 mg/kg In other areas, VOCs were detected in concentrations ranging from 0 001 to 0 03 mg/kg

Water levels from nine groundwater monitoring wells showed a water table approximately 20 feet below grade Ground-water flow patterns could not be established due to inconsistent horizontal gradients across the site The wells used 10 foot stainless steel screens and ranged from 12 5 to 35 4 feet deep Five of the nine wells indicated the presents of PNAs and three of the five show VOCs VOCs range from 0 0005 (estimated) to 0 069 mg/l while PNAs range from 0 00001 (estimated) to 0 32 mg/l

According to Illinois State Water Survey well logs within one mile of the site, the area is underlain by 50 to 70 foot of till which consists of silty clays, clayey silts and occasional sand and gravel lenses Six of the eight recorded wells are deeper than 1000 feet while an abandoned 267-foot deep well is located on the Joslyn site and a 84-foot well is located east of the Des Plains River Regional hydrogeology data suggests the top 10 to 30 feet of the bedrock is unsaturated because of dewatering by local quarry operations This condition is yet to be proven under the Joslyn site
Four Bellwood public wells exist from 2 to 3 miles of the site, but these wells are over 1900 feet deep in a sandstone aquifer

There are several surface water bodies near the site The Des Plains River is about one-half mile to the east of the site and Silver Creek is one-half mile to the west A drainage ditch runs between the Soo Line Railroad and the Joslyn property No surface water intakes for public water supplies exist within 15 miles of the site

Reconnaissance visits were conducted on October 18 and November 10, 1988 The site was not completely sealed, however a fence was in the process of being erected around the perimeter The population within a mile of the site is estimated at 1000 people while the population within four miles is greater than 10,000 This author recommends a high priority for site inspection

0310965069

EPA

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

I IDENTIFICATION
01 STATE: ILD
02 SITE NUMBER: 077054708

II SITE NAME AND LOCATION

01 SITE NAME (Legal, common or descriptive name of site): Joslyn Corperation
02 STREET ROUTE NO OR SPECIFIC LOCATION IDENTIFIER: 9200 W Fullerton
03 CITY: Franklin Park
04 STATE: IL
05 ZIP CODE: 60131
06 COUNTY: Cook
07 COUNTY CODE: 031
08 CONG DIST: 08
09 COORDINATES LATITUDE: 41 55 25 0
LONGITUDE: 87 51 20 7
River Forest, IL 7 5 min Quad 3Z A
10 DIRECTIONS TO SITE (Starting from nearest public road): From 290 Expressway, take Rt 45 (AKA Rt 12 or Mannheim Rd) North to Rt 64 Go east on 64 to George St. Go North on George St to Fullerton Ave Go west on Fullerton to Joslyn Corp.

III RESPONSIBLE PARTIES

01 OWNER (If known): Joslyn Corp
02 STREET (Business, mailing, residential): 30 S Waker
03 CITY: Chicago
04 STATE: IL
05 ZIP CODE: 60606
06 TELEPHONE NUMBER: (312) 454-2900
07 OPERATOR (If known and different from owner):
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 _____ (Specify) ☐ G UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☒ A RCRA 3001 DATE RECEIVED 5 12 87 (MONTH DAY YEAR) ☒ B UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED 5 30 86 (MONTH DAY YEAR) ☐ C NONE

IV CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
☒ YES DATE 7 2 86 (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
1930 (BEGINNING YEAR) | 1972 (ENDING YEAR) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT KNOWN OR ALLEGED
Creosote (PNAs), PCP, Solvents

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
Groundwater (Population, Environment)
Air (Population, 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: William Rotenberry
02 OF (Agency/Organization): Joslyn Corp
03 TELEPHONE NUMBER: (312) 454-2900
04 PERSON RESPONSIBLE FOR ASSESSMENT: Timothy J Murphy
05 AGENCY: IEPA
06 ORGANIZATION: RPMS/Pre-Remedial
07 TELEPHONE NUMBER: (217) 782-6760
08 DATE: 3 3 89 (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
ILD	077054708

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 UNKNOWN
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	UNKNOWN		present in soil and groundwater
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	UNKNOWN		present in soil and groundwater
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	Trichloroethylene	79016	UNKNOWN	UNKNOWN	
SOL	Benzene	71432	"	"	
SOL	Ethylbenzene	100414	"	"	
SOL	Xylenes	1330207	"	"	
OCC	Carbon Disulfide	75150	"	"	
SOL	2-Butanone	78933	"	"	
SOL	1,1,1-Trichloroethane	71556	"	"	
SOL	Styrene	100425	"	"	
SOL	Methylene Chloride	75092	"	"	
SOL	Acetone	67641	"	"	
OCC	Napthalene	91203	"	"	
OCC	2 Methylnapthalene		"	"	
OCC	Acenapthene	83329	"	"	
OCC	Dibenzofuran		"	"	
OCC	Fluorene	7782414	"	"	
OCC	Pentachlorophenol	87865	"	"	

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 file # 0310965069

EPA FORM 2070-12 (7 81)

ILD077054708

IV HAZARDOUS SUBSTANCES See appendix for additional codes and CAS numbers

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
OCC	Phenanthrene	85018	UNKNOWN	UNKNOWN	
OCC	Anthracene	120127	"	"	
OCC	Di-N-Butylphthalate	84742	"	"	
OCC	Fluoranthene	206440	"	"	
OCC	Pyrene	129000	"	"	
OCC	Benzo(a) Anthracene	56553	"	"	
OCC	Bis(2-Ethylhexyl) Phthalate	117817	"	"	
OCC	Chrysene	218019	"	"	
OCC	Benzo(b) Fluoranthene	205992	"	"	
OCC	Dibenzo(a,h) Anthracene	53703	"	"	
OCC	Benzo(K) Fluoranthene	207089	"	"	
OCC	Benzo(a) Pyrene	50328	"	"	
OCC	Indeno(1,2,3-cd) Pyrene	193395	"	"	
OCC	Benzo(g,h,i) Perylene	191242	"	"	

EPA

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

I IDENTIFICATION	
01 STATE	02 SITE NUMBER
ILD	077054708

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

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

None Noted or observed

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

None noted or observed

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

None noted or observed

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

A waste pond existed on site near the 1946-1973 wood treating area

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

None noted or observed

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

None Noted or observed

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

None Noted or observed

05 DESCRIPTION OF ANY OTHER KNOWN POTENTIAL OR ALLEGED HAZARDS

None Noted or observed

III. TOTAL POPULATION POTENTIALLY AFFECTED >10,000

IV COMMENTS

High soil concentrations of PNA's (semi-volatiles) from this old wood treating facility could contribute to lower air quality effecting nearby communities

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

IEPA DLPC file #0310965069
Site reconnaissance 10-18-88 and 11-10-88

EPA

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

I IDENTIFICATION	
01 STATE	02 SITE NUMBER
ILD	077054708

II HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION — 02 ☒ OBSERVED (DATE 6-2-88) — POTENTIAL — ALLEGED
03 POPULATION POTENTIALLY AFFECTED UNKNOWN — 04 NARRATIVE DESCRIPTION

Samples indicate the presents of solvents and PolyNucleated Aromatic Hydrocarbons (PNAs) in monitor wells on site Chemicals contaminants are listed in part 2 IV

01 ☐ B SURFACE WATER CONTAMINATION — 02 ☐ OBSERVED (DATE ____) — POTENTIAL — ALLEGED
03 POPULATION POTENTIALLY AFFECTED ____ — 04 NARRATIVE DESCRIPTION

None Noted or observed

01 ☒ C CONTAMINATION OF AIR — 02 ☐ OBSERVED (DATE ____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED >10,000 — 04 NARRATIVE DESCRIPTION

High concentrations of solvents and PNA's in soil could volitilize off

01 ☐ D FIRE/EXPLOSIVE CONDITIONS — 02 ☐ OBSERVED (DATE ____) — ☐ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED ____ — 04 NARRATIVE DESCRIPTION

None Noted or observed

01 ☒ E DIRECT CONTACT — 02 ☐ OBSERVED (DATE ____) — ☒ POTENTIAL — ALLEGED
03 POPULATION POTENTIALLY AFFECTED ≈1000 — 04 NARRATIVE DESCRIPTION

A fence was Not completely built around site. Spray paint on the sides of old bldgs on site indicated the presents of youths

01 ☒ F CONTAMINATION OF SOIL — 02 ☒ OBSERVED (DATE 4-30-86) — POTENTIAL — ALLEGED
03 AREA POTENTIALLY AFFECTED ≈36 (Acres) — 04 NARRATIVE DESCRIPTION

Soil contamination of solvents and PNAs up to 7000 ppm on site

01 ☒ G DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE ____) — ☒ POTENTIAL — ALLEGED
03 POPULATION POTENTIALLY AFFECTED UNKNOWN — 04 NARRATIVE DESCRIPTION

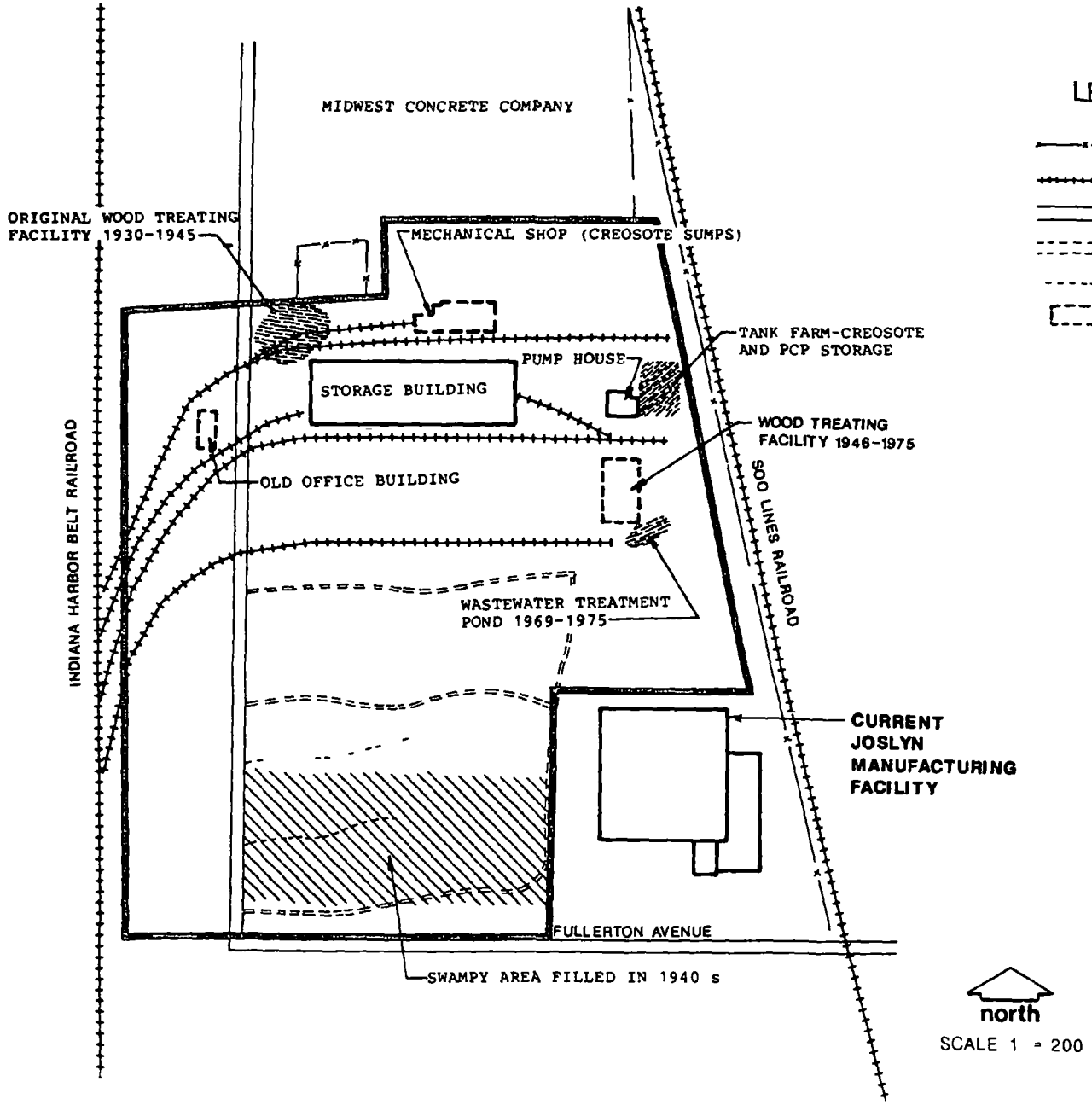
A shallow well exist less than one mile from the site

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

None Noted or observed

01 ☒ I POPULATION EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE ____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED >10,000 — 04 NARRATIVE DESCRIPTION

See C., E and G. above



LEGEND

- FENCE LINE
- RAILROAD TRACKS
- PAVED ROAD
- DIRT ROAD
- WALKING PATH
- DEMOLISHED BUILDING

FIGURE 2

WARZYN

SITE PLAN

JOSLYN MANUFACTURING CO
FRANKLIN PARK, ILLINOIS

B1

6024303

WARZYN

Illinois Environmental Protection Agency

N

SITE NAME Joslyn Corporation
SITE ILD 077054708

USGS TOPOGRAPHIC MAPS

NAME Elmhurst, IL 32B	NAME River Forest, IL 32A
DATE 1963	DATE 1963
REVISED 1972, 1980	REVISED 1972
NAME Hinsdale, IL 32C	NAME Berwyn, IL 32D
DATE 1963	DATE 1963
REVISED 1972, 1980	REVISED 1972, 1980

ILLINOIS

QUADRANGLE LOCATION

MAP SCALE: 1 ½ 0 1 mile

Supporting Documentation

REFERENCES

001	Notification Of Hazardous Waste
002	103(c) Notification With Terra Testing's Soil Sampling Results
003	Warzyn's Sampling Results
004	Well Logs Within One Mile
005	Public Supply Wells Within Three Miles
006	Reconnaissance Pictures

0310965069 001

Please print or type with ELITE 12 (12 characters per inch) in the unshaded areas only

Form Approved OMB No 2050-0028 Expires 9 30 88
GSA No 0246 EPA OT

REFERENCE NUMBER

United States Environmental Protection Agency
Washington DC 20460

87.8290

EPA Notification of Hazardous Waste

Please refer to the *Instructions for Filing Notification* before completing this form The information requested here is required by law *(Section 3010 of the Resource Conservation and Recovery Act)*

For Official Use Only

Comments: C C N

Installation s EPA ID Number		Approved	Date Received (yr mo day)
C F ILD077054708 T/A C 1		A	870512

I Name of Installation

JOSLYN CORP

II Installation Mailing Address

Street or P O Box (C 3): 969 W 37th PL

City or Town (C 4): CHICAGO — State: IL — ZIP Code: 60609

III Location of Installation

Street or Route Number (C 5): 9200 W FULLERTON

City or Town (C 6): FRANKLIN PARK — State: IL — ZIP Code: 60131

IV Installation Contact

Name and Title *(last, first, and job title)* (C 2): BURDORF CINDY

Phone Number *(area code and number)*: 312 927 5618

V Ownership

A. Name of Installation s Legal Owner (C R): JOSLYN CORP

B Type of Ownership *(enter code)*: P

VI Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes Refer to instructions.)*

A Hazardous Waste Activity

- ☐ 1a Generator
- ☒ 1b Less than 1 000 kg/mo
- ☐ 2 Transporter
- ☐ 3 Treater/Storer/Disposer
- ☐ 4 Underground Injection
- ☐ 5 Market or Burn Hazardous Waste Fuel *(enter X and mark appropriate boxes below)*
  - ☐ a Generator Marketing to Burner
  - ☐ b Other Marketer
  - ☐ c Burner

B Used Oil Fuel Activities

- ☐ 6 Off Specification Used Oil Fuel *(enter X and mark appropriate boxes below)*
  - ☐ a Generator Marketing to Burner
  - ☐ b Other Marketer
  - ☐ c. Burner
- ☐ 7 Specification Used Oil Fuel Marketer *(or On site Burner)* Who First Claims the Oil Meets the Specification

MAY 12 1987 SWD - MS EPA REGION V

VII. Waste Fuel Burning Type of Combustion Device *(enter X in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off specification used oil fuel is burned See instructions for definitions of combustion devices.)*

☐ A Utility Boiler ☐ B Industrial Boiler ☐ C Industrial Furnace

VIII Mode of Transportation *(transporters only — enter 'X in the appropriate box(es)*

☐ A Air ☐ B Rail ☐ C Highway ☐ D Water ☐ E Other *(specify)* COOK-031

IX First or Subsequent Notification

Mark 'X in the appropriate box to indicate whether this is your installation s first notification of hazardous waste activity or a subsequent notification If this is not your first notification enter your installation s EPA ID Number in the space provided below

☒ A First Notification ☐ B Subsequent Notification *(complete item C)*

C Installation s EPA ID Number

ID — For Official Use Only																														
C																													T/A	C
W																														1

X Description of Hazardous Wastes *(continued from front)*

A Hazardous Wastes from Nonspecific Sources Enter the four-digit number from 40 *CFR* Part 261 31 for each listed hazardous waste from nonspecific sources your installation handles Use additional sheets if necessary

1	2	3	4	5	6
F 0 0 2					
7	**8**	**9**	**10**	**11**	**12**

B Hazardous Wastes from Specific Sources Enter the four-digit number from 40 *CFR* Part 261.32 for each listed hazardous waste from specific sources your installation handles Use additional sheets if necessary

13	14	15	16	17	18
19	**20**	**21**	**22**	**23**	**24**
25	**26**	**27**	**28**	**29**	**30**

C Commercial Chemical Product Hazardous Wastes Enter the four-digit number from 40 *CFR* Part 261 33 for each chemical substance your installation handles which may be a hazardous waste Use additional sheets if necessary

31	32	33	34	35	36
37	**38**	**39**	**40**	**41**	**42**
43	**44**	**45**	**46**	**47**	**48**

D Listed Infectious Wastes Enter the four-digit number from 40 *CFR* Part 261 34 for each hazardous waste from hospitals veterinary hospitals or medical and research laboratories your installation handles Use additional sheets if necessary

49	50	51	52	53	54

E Characteristics of Nonlisted Hazardous Wastes Mark X in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. *(See 40 CFR Parts 261.21 — 261.24)*

☐ 1 Ignitable *(D001)* ☐ 2 Corrosive *(D002)* ☐ 3. Reactive *(D003)* ☐ 4 Toxic *(D000)*

XI Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment

Signature	Name and Official Title *(type or print)*	Date Signed
Cindy K Burden	Cindy K Burden Mgr Industrial Relations	5/7/87

NON - HAZARDOUS

3631

PERMIT ISSUED

New Application X
Renewal
Additional Site

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
SPECIAL WASTE DISPOSAL APPLICATION

FOR AGENCY USE Log #

THIS APPLICATION FOR WASTE
Treatment
Disposal X
Storage

CARD TYPE DATE 4/6/81 L P S W C AUTHORIZATION NUMBER 810838 TRANS CODE A DATE ENTERED (Agency Use) 04/13/81

WASTE HAULER

HAULER REGISTRATION NUMBER 0059 NAME American Waste Haulers, Inc.

ADDRESS P.O. Box 306 COMMUNITY Maywood

COUNTY Cook STATE IL ZIP 60153 AREA CODE 312 TELEPHONE 681 3999

WASTE GENERATOR

GENERATOR CODE 0310460069 G NAME Joslyn Mfg. and Supply Company

ADDRESS 9200 W. Fullerton COMMUNITY Franklin Park

COUNTY Cook STATE IL ZIP 60131 AREA CODE 312 TELEPHONE 451 0080

GENERATOR CONTACT NAME EDWARD HUGHES

DUNS NUMBER SIC CODE USEPA GEN CODE

PROCESS NAME CLEAN-UP OF MATERIAL DUMPED ON SITE

WASTE CHARACTERISTICS

GENERIC WASTE NAME TAR SLUDGE

IUPAC WASTE NAME

TOTAL ANNUAL WASTE VOLUME 5 VOLUME UNITS 1 WASTE PHASE 1

TRANSPORT FREQUENCY 1 WASTE CLASS (Agency Use) 80

1 = CUBIC YARDS
2 = GALLONS

1 = SOLID
2 = SEMI-SOLID
3 = LIQUID
4 = GAS

1 = ONE TIME
2 = DAILY
3 = WEEKLY
4 = BI-WEEKLY
5 = MONTHLY
6 = BI-MONTHLY
7 = QUARTERLY
8 = SEMI-ANNUALLY

(Code either "1" for Low, "2" for Medium, or "3" for High as appropriate for columns 21 through 26)

INHALATION TOXICITY 1 DERMAL TOXICITY 1 INGESTIVE TOXICITY 1 INFECTIOUS INFECTIOUS REACTIVITY EXPLOSIVE

FLASH POINT 198°F ALPHA RADIATION (pCi/L) COMPOSITION 2

1 = ORGANIC
2 = INORGANIC

PERCENT ACIDITY PERCENT ALKALINITY pH 6 7 PERCENT TOTAL SOLIDS

KEY	COMPONENT NAME	PERCENT	KEY	COMPONENT NAME	PERCENT
1	BLBT	90	2	TAR	10
3			4		
5			6		

HAZARDOUS WASTE NO

Notification Sent
Per IEPA Act 39(c)

RECEIVED
APR 13 1981
LPA - DLPC
STATE OF ILLINOIS

CARD TYPE DATE 4/6/81 L P S W C AUTHORIZATION NUMBER TRANS CODE DATE ENTERED (Agency Use)

WASTE CHARACTERISTICS

METAL KEY	TOTAL (PPM)	EP TOXICITY (PPM)	METAL KEY	TOTAL (PPM)	EP TOXICITY (PPM)
CN			Cu		
Ag		01	Hg		00
As		00	Ni		
Ba		01	Pb		01
Cd		01	Se		00
Cr		01	Zn		
PHENOL			S		

PCB 0.04 ppm total

LINDANE		2 - 4 D	
METHOXYCHLOR		2,4,5 - TP	
		TOXAPHENE	

LABORATORY NAME Suburban Laboratories, Inc.

CERTIFICATION NUMBER REVIEWED BY CBAL, RKC

1 SITE CODE 0 2 1 6 0 0 3 4 SITE NAME Chicago/Land and Lakes #3

DISPOSAL METHOD 0 1 NEUTRALIZATION METHOD

SIGNATURE Catherine M Conley (SITE OWNER) Operator's Agent SIGNATURE C E Clark (SITE OPERATOR) Emp

STATUS A START DATE 05 / 18 / 81 EXPIRATION DATE 05 / 18 / 82

2 SITE CODE SITE NAME

DISPOSAL METHOD NEUTRALIZATION METHOD

SIGNATURE (SITE OWNER) SIGNATURE (SITE OPERATOR)

STATUS START DATE / / EXPIRATION DATE / /

3 SITE CODE SITE NAME

DISPOSAL METHOD NEUTRALIZATION METHOD

SIGNATURE (SITE OWNER) SIGNATURE (SITE OPERATOR)

STATUS START DATE / / EXPIRATION DATE / /

4 SITE CODE SITE NAME

DISPOSAL METHOD NEUTRALIZATION METHOD

SIGNATURE (SITE OWNER) SIGNATURE (SITE OPERATOR)

STATUS START DATE / / EXPIRATION DATE / /

ADM 117 (Rev 1/81)

SUBURBAN LABORATORIES, Inc. 810839

CHEMICAL ANALYSTS SINCE 1936

4140 LITT DRIVE • Phone 312/544 3260 • HILLSIDE ILLINOIS 60162

Certifications: U.S.D.A. #1783 • Ill. Dept. of Public Health #17135 • Amer. Scrap Trade Assn. • F.D.A. Reg. #30296 • Ill. EPA #100191

ANALYSIS REPORT

NO 2195

CLIENT

American Waste Haulers
Attn: Mr. Frank Brown
15 West 454 Lexington Street
Elmhurst, Illinois 60126

PO No

Sample Recd. 3/16/81 Tests Completed 3/26/81

SAMPLE INFORMATION

Source #2195 - Tar Sludge from Joslyn Manufacturing

(+) by EGA

Sampling Method By Client X By Sub Lab Serco Auto Sampler Other

ANALYSIS

		#2195					E.P. TOXICITY #2195
Total Solids	mg/l				Nitrogen Total	mg/l	
Fixed Tot. Sol	mg/l				Nitrogen Amm	mg/l	
Vol Tot. Sol	mg/l				Nitrogen Org	mg	
Diss Solids	mg/l				Nitrite	mg	
Settle Sol	ml/l				Nitrate	mg	
Tot Sus Sol	mg/l				Phosphate (Total)	mg/l	
Fixed Sus Sol	mg/l				Phosphate Ortho	mg/l	
Vol Sus Sol	mg/l				Sulfate	mg/l	
					Sulfide	mg/l	
BOD	mg/l				Sulfite	mg/l	
COD	mg/l				Aluminum	mg/l	
DO	mg/l				Antimony	mg/l	
				(+)	Arsenic	mg/l	0.003
Phenols	mg/l				Barium	mg	<0.10
MBAS	mg/l				Beryllium	mg	
Oil & Greases	mg/l				Boron	mg	
					Cadmium	mg/l	
Total Bact	Colls 100 ml				Calcium	mg/l	<0.10
Total Col	Colls 100 ml				Chrom Total	mg	
Fecal Col	Colls 100 ml				Chrom Hex	mg	<0.10
					Chrom Tri	mg/l	
pH		6.7			Copper	mg/l	
Spec Cond	umhos cm				Iron	mg	
Alkalinity	mg/l as $CaCO_3$				Lead	mg/l	<0.10
Acidity	mg/l as $CaCO_3$				Lithium	mg/l	
Total Hard	mg/l as $CaCO_3$				Magnesium	mg/l	
Residual Cl_2	mg				Manganese	mg	
Bromide	mg/l				Mercury	mg/l	<0.0001
Chloride	mg/l				Nickel	mg	
Fluoride	mg/l				Potassium	mg/l	
Cyanide Total	mg				Silver	mg	<0.10
Cyanide Free	mg				Sodium	mg	
				(+)	Selenium	mg/l	<0.001
					Zinc	mg/l	

Flash Pt. (CC) °F - 198° F

PCB mg/l <0.01

[illegible] Public Health Association Standard Methods 14th Edition

RECEIVED
APR 13 1981
EPA - DLPC
STATE OF ILLINOIS

ANALYSIS CERTIFIED BY [signature] Director Date 3/27/81 1h

REFERENCE NUMBER 002

EPA Notification of Hazardous Waste Site

United States Environmental Protection Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Talman Home Federal Savings and Loan
Street 208 S. LaSalle St
City Chicago State IL Zip Code 60604

B Site Location:

Enter the common name (if known) and actual location of the site. See the Sidwell

Name of Site Unknown
Street Between Grand Ave and Fullerton Ave (N and S) and the Indiana Harbor Belt RR and the Soo Line (W and E)
City Franklin Park County Cook State IL Zip Code 60131

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) Gould, Clifford, Env. Prot. Spec.
Phone 312/345-9780

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) Unknown To (Year) Approx 1976.

E Waste Type: Choose the option you prefer to complete

Option I: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☒ Other (Specify)
Creasote
PCP

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)
Railroad wood preserving operations

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

VILLAGE OF FRANKLIN PARK

9545 BELMONT AVENUE • FRANKLIN PARK ILLINOIS 60131
(312) 671 4800

Village President
JACK B WILLIAMS

Village Clerk
GARRY J ROSSINO

Village Trustees
STEVE S KOPERA
RICHARD J NEUZIL
JOSEPH O THOMAS SR
Term ends 1987
JOSEPH V BYCHOWSKI
JOHN F O DOWD
GEORGE MUEHLENBEIN
Term ends 1989

Comptroller
ARTHUR G WHALEN

Treasurer
GLENN JENSEN

Attorneys
R BURKE KINNAIRD
DOROTHY K KINNAIRD

Prosecutor
MATTHEW RYAN

Police Chief
JAMES BICKLEY

Fire Chief
KENNETH RYNDAK

Emergency Services Director
KURT MUELLNER

Zoning Administrator &
Commissioner Public Works
JOHN SMYTH

Utilities Superintendent
(Street Alley)
NICHOLAS CAPRIO

Water Superintendent
RICHARD MARTIN

Consulting Engineer
FRANK KUDRNA

Health Commissioner
JAMES SZYMANSKI

Director Citizen Services Dept
Dial A Ride
MARY VANDENPLAS

Special Events Director
JOYCE SASS

Chief Plumbing Inspector
THOMAS GALLES

Chief Electrical Inspector
CHARLES LONG

May 29, 1986

RECEIVED
MAY 30 1986
IEPA - DLPC
STATE OF ILLINOIS

Cliff Gould
IEPA
1701 S First Avenue
Maywood, IL 60153

Dear Mr Gould

I am forwarding to your attention, this review of the concerns which I indicated to you this past Thursday, May 29, 1986, upon requesting your assistance

The attached sheet indicates the area of probable contamination which we discussed My review of the soil sample test shown to my by Mr. Timothy O'Leary, of HTO Real Estate Services, Inc , indicated 10 sample sites which I have generally located on the attached sidwell copy

My notes, regarding the soil sample test, indicate that there are 8700 ppm of creosote at the samples testing furthest to the east with 50 ppm of creosote being recorded at the 8 other testing sites Additionally, the test results indicated the presence of polychlorobyphenyls at each testing site

I have conveyed to Mr O'Leary your recommendation that Mr. O'Leary contact your office

Please be assured of my assistance and cooperation

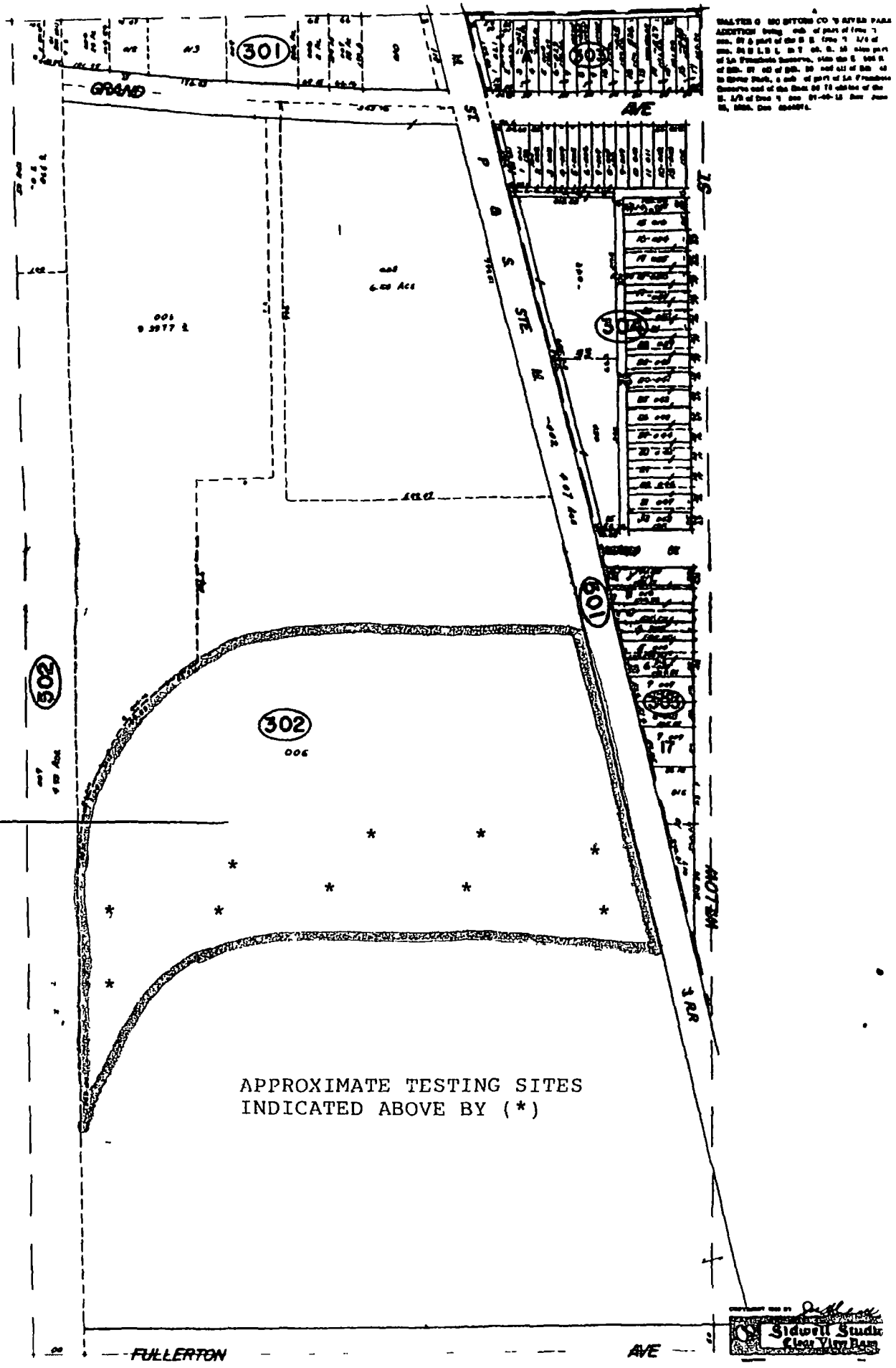
Sincerely,

James Szymanski
Public Health Officer

JS/ds
attachment

E ½ S W¼ Sec 27-40-12
LEYDEN

40-12-27
12-2



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Emergency Services Director
KURT MUELLNER

Zoning Administrator &
Commissioner Public Works
JOHN SMYTH

Utilities Superintendent
(Street Alley)
NICHOLAS CAPRIO

Water Superintendent
RICHARD MARTIN

Consulting Engineer
FRANK KUDRNA

Health Commissioner
JAMES SZYMANSKI

Director Citizen Services Dept
Dial A Ride
MARY VANDENPLAS

Special Events Director
JOYCE SASS

Chief Plumbing Inspector
THOMAS GALLES

Chief Electrical Inspector
CHARLES LONG

Certified No P 651 683 949

May 29, 1986

Timothy O'Leary
HTO Real Estate Services, Inc.
1111 E Touhy Avenue
Des Plaines, IL 60018

Dear Mr O'Leary.

On May 27, 1986, the Franklin Park Village Board adopted a policy whereby the Health Officer was directed to involve the IEPA/USEPA whenever there was indication of possible land pollution within the boundaries of the Village of Franklin Park

I have, today, discussed with Mr Cliff Gould, Environmental Protection Specialist with the IEPA, the results of the soil sample report which you and I reviewed in my office on May 12, 1986

Because of the nature of the report indicating a probable serious soil contamination by listed hazardous wastes, Mr Gould has asked me to convey to your attention that he wishes you to contact him

Please call Mr. Cliff Gould at the Illinois Environmental Protection Agency, 345-9780

Sincerely,

James Szymanski
Public Health Officer

JS ds
cc Mr C. Gould

TERRA TESTING, INC
Testing and Engineering of Soils
2521 OAK STREET, RIVER GROVE, ILLINOIS 60171
312/452 7882 541 1010

5/30/86

REPORT OF SUBSURFACE SOIL INVESTIGATION

CONTAMINATION INVESTIGATION

BETWEEN INDIANA HARBOR BELT RR &

MINN-ST. PAUL & SAULT STE MARIE RR

FRANKLIN PARK, ILLINOIS

RECEIVED
JUN 02 1986
ILL EPA - DLPC.
STATE OF ILLINOIS

PREPARED FOR:

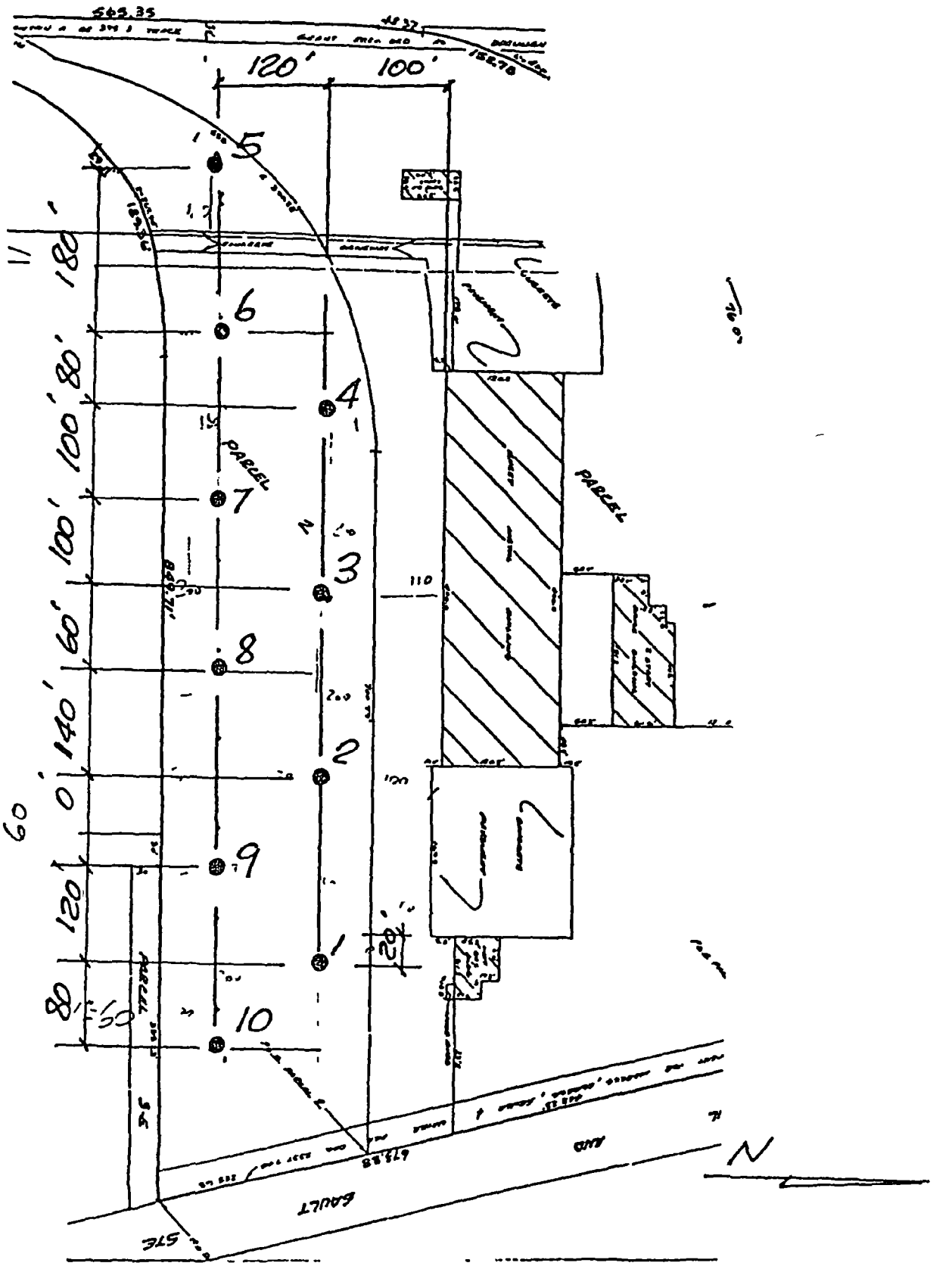
HTO Real Estate Services
1111 East Touhy Avenue
Des Plaines, Illinois
Tim. O'Leary
312/299-9600

DATE April 30, 1986

FILE No 8060

TERRA TESTING, INC
Testing and Engineering of Soils
2521 OAK STREET, RIVER GROVE, ILLINOIS 60171
312/452 7692 541 1010

PROJECT. CONTAMINATION INVESTIGATION
BETWEEN INDIANA HARBOR BELT RR &
MINN-ST. PAUL & SAULT STE MARIE RR
FRANKLIN PARK, ILLINOIS



TEST BORING LOCATION DIAGRAM

(NOT TO SCALE)

TERRA TESTING, INC.
Testing and Engineering of Soils
2521 OAK STREET RIVER GROVE, ILLINOIS 60171
312/452 7692 541 1010

PROJECT CONTAMINATION INVESTIGATION
FRANKLIN PARK, ILLINOIS

LOG OF TEST BORINGS

TEST BORING NO 1 (4/18/86)

DEPTH (feet)	CHART	E	SOIL TYPE	S	N	Qu	Wc
			Ground surface				
1			FILL (sand, gravel & cinders)	1			
2							
3				2	8		
4							
5			Very tough brown silty CLAY	3	11		
6							
7			Medium dense brown sandy SILT (wet)	4	10		
8							
9							
10			End of boring				

TEST BORING NO 2 (4/18/86)

DEPTH (feet)	CHART	E	SOIL TYPE	S	N	Qu	Wc
			Ground Surface				
1			FILL (gravel, sand, cinder & ash)	1			
2							
3			Very tough black CLAY	2	11	2 0	22
4							
5			Very tough to hard brown silty CLAY	3	22	3 5	19
6							
7				4	20	4 0	19
8							
9							
10			End of boring - dry hole				

NOTES
E = ELEVATION
S = SAMPLE NO
N = PENETRATION - BLOWS/FOOT
Qu = UNCONFINED STRENGTH (TONS/SQUARE FOOT)

Qp = PENETROMETER TEST (estimated unconfined strength) tons/sq foot
Wc = WATER CONTENT IN %
▼ = WATER LEVEL WHILE SAMPLING
▽ = WATER LEVEL AFTER BORING

SCALE 1" = 3'

ENGINEERING REPORT TT # 8060

TERRA TESTING, INC.
Testing and Engineering of Soils
2521 OAK STREET RIVER GROVE, ILLINOIS 60171
312/452 7692 541 1010

PROJECT CONTAMINATION INVESTIGATION
FRANKLIN PARK, ILLINOIS

LOG OF TEST BORINGS

TEST BORING NO 3 (4/18/86)

DEPTH (feet)	CHART	E	SOIL TYPE	S	N	Qu	Wc
			Ground surface				
1			FILL (cinder, clay, topsoil)	1			
2							
3				2	10	2.0	22
4			Very tough to hard brown silty CLAY				
5				3	12	2 7	22
6							
7				4	20	4 5	18
8							
9							
10			End of boring - dry hole				

TEST BORING NO 4 (4/14/86)

DEPTH (feet)	CHART	E	SOIL TYPE	S	N	Qu	Wc
			Ground Surface				
1			FILL (gravel, cinder, sand, black clay)	1			
2							
3				2	6		
4			Very tough to hard brown silty CLAY				
5				3	11	2 0	22
6							
7				4	20	4 9	19
8							
9							
10			End of boring - dry hole				

SCALE 1" = 3'

ENGINEERING REPORT TT # 8060

TERRA TESTING, INC
Testing and Engineering of Soils
2521 OAK STREET RIVER GROVE ILLINOIS 60171
312/452 7692 541 1010

PROJECT CONTAMINATION INVESTIGATION
FRANKLIN PARK, ILLINOIS

LOG OF TEST BORINGS

TEST BORING NO 5 (4/14/86)

DEPTH (feet)	CHART	E	SOIL TYPE	S	N	Qu	Wc
			Ground surface				
1			FILL (gravel, cinders, crushed stone)	1			
2			T O P S O I L				
3				2	12		15
4							
5			Medium dense brown SILT & CLAY	3	11		16
6							
7			Hard borwn silty CLAY	4	22	4 0	18
8							
9							
10			End of boring				

TEST BORING NO 6 (4/14/86)

DEPTH (feet)	CHART	E	SOIL TYPE	S	N	Qu	W
			Ground Surface				
1			FILL (crushed cinders, sand & black clay)	1			
2							
3				2	6		
4							
5			Hard brown silty CLAY	3	20	4 0	1
6							
7				4	29	5 0	1
8							
9							
10			End of boring - dry hole				

SCALE 1" = 3'

ENGINEERING REPORT TT # 8060

TERRA TESTING, INC.
Testing and Engineering of Soils
2521 OAK STREET, RIVER GROVE ILLINOIS 60171
312/452 7692 541 1010

PROJECT CONTAMINATION INVESTIGATION
FRANKLIN PARK, ILLINOIS

LOG OF TEST BORINGS

TEST BORING NO 7 (4/14/86)

SOIL TYPE	S	N	Qu	Wc
Ground surface				
FILL (cinders & crushed stone)	1			
Very tough to hard brown silty CLAY	2	8		
	3	10	2 0	19
	4	31	5 0	17
End of boring - dry hole				

TEST BORING NO 8 (4/14/86)

SOIL TYPE	S	N	Qu	Wc
Ground Surface				
FILL (crushed stone & cinder)	1			
TOPSOIL	2	10		22
Very tough to hard brown silty CLAY	3	20	4 0	19
	4	30	4 8	17
End of boring - dry hole				

DEPTH (feet) 1 2 3 4 5 6 7 8 9 10

CHART

E

LE 1" = 3'

ENGINEERING REPORT TT # 8060

TERRA TESTING, INC
Testing and Engineering of Soils
2521 OAK STREET RIVER GROVE ILLINOIS 60171
312/452 7692 541 1010

PROJECT CONTAMINATION INVESTIGATION
FRANKLIN PARK, ILLINOIS

LOG OF TEST BORINGS

TEST BORING NO 9 (4/14/86)

DEPTH (feet)	CHART	E	SOIL TYPE	S	N	Qu	Wc
			Ground surface				
1			FILL (black clay, sand & cinders)	1			
2							
3				2	6		
4			Hard				
5			Brown	3	22	3 0	19
6			Silty				
7			CLAY	4	32	5 0	17
8							
9							
10			End of boring - dry hole				

TEST BORING NO 10 (4/14/86)

DEPTH (feet)	CHART	E	SOIL TYPE	S	N	Qu	Wc
			Ground Surface				
1			FILL (clay)	1			
2			FILL				
3			(sandy black clay)	2	7		
4							
5			Hard	3	20	4 0	18
6			Brown				
7			Silty	4	31	5 0	17
8			CLAY				-
9							
10			End of boring				

SCALE 1" = 3'

ENGINEERING REPORT TT # 8060

ALLIED LABORATORIES, LTD.
PHONE 279-0390
AREA CODE 312
716 NORTH IOWA AVENUE VILLA PARK, ILLINOIS 60181

REPORT NO 12814

LABORATORY REPORT

DATE May 2, 1986

SAMPLE DESCRIPTION Soil Samples

TO

Terra Testing
2637 Erie
River Grove, IL 60171

RECEIVED

Substantial amounts of creosote and pentachlorophenol were found in samples 1 and 10, and a small amount of creosote was detected in sample 2. In air, the maximum exposure allowed over a long perion of time is 5 ppm of creosote and 0 5 ppm of pentachlorophenol. However, in this situation, the pentachlorophenol and creosote are in soil, and tightly bound. Ever though the creosote odor is strong, Allied Laboratories LTD does not believe it is a serious health hazard. They are strong oxidizers, and will, over a period of time, wash out of the soil and decompose.

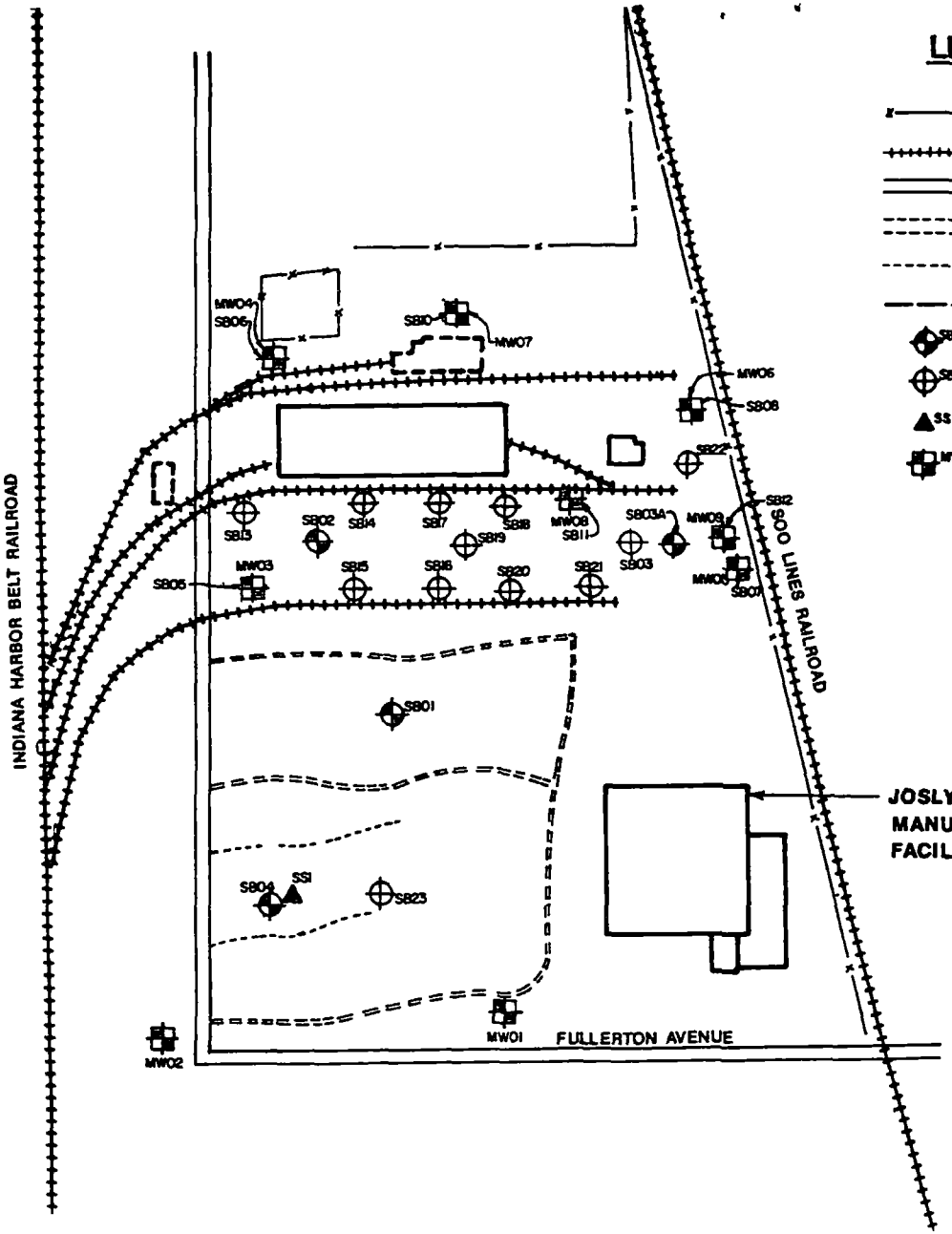
SAMPLE	CREOSOTE	PENTACHLOROPHENOL
B-10 0-4	8700 ppm	770 ppm
B-7 0-4	72 ppm	<20 ppm
B-8 0-4	<50 ppm	<20 ppm
B-9 5-7	<50 ppm	<20 ppm
B-4 0-4	<50 ppm	<20 ppm
B-5 0-4	<50 ppm	<20 ppm
B-6 0-4	<50 ppm	<20 ppm
B-3 5-7	<50 ppm	<20 ppm
B-2 0-4	<50 ppm	<20 ppm
B-1 0-4	1600 ppm	190 ppm

Irving I Domsky
Laboratory Director

REFERENCE NUMBER 003

Chemicals Present on Site

Name	Water Conc. (mg/l)	Soil Conc. (mg/kg)
Trichloroethylene		0.076
Benzene	0.019	2.5
Ethylbenzene	0.027	18.
Total Xylenes	0.069	73.
Carbon Disulfide		0.01
2-Butanone		0.015
1,1,1-Trichloroethane		0.014
Styrene	0.008	29.
Methylene Chloride		0.022
Acetone	0.065	0.045
Napthalene	0.17	4200.
2-Methylnapthalene	0.082	1400.
Acenaphthene	0.32	1800.
Dibenzofuran	0.089	1200.
Fluorene	0.14	660.
Pentachlorophenal	1.4	250.
Phenanthrene	0.019	7000.
Anthracene	0.071	2100.
Di-n-Butylphthalate		5.
Fluoranthene	0.04	3500.
Pyrene	0.025	2100.
Benzo(a)Anthracene		390.
Bis(2-Ethylhexyl)Phthalate		6.5
Chrysene		760.
Benzo(b)Fluoranthene		18.
Dibenzo(a,h)Anthracene		0.41
Benzo(k)Fluoranthene		1.5
Benzo(a)Pyrene		5.5
Indeno(1,2,3-cd)Pyrene		6.8
Benzo(g,h,j)Perylene		4.7



LEGEND

- FENCE LINE
- RAILROAD TRACKS
- PAVED ROAD
- DIRT ROAD
- WALKING PATH
- BUILDINGS DEMOLISHED SINCE INVESTIGATION
- SB05 DEEP BORING LOCATION & NUMBER
- SB12 SHALLOW BORING LOCATION & NUMBER
- SS1 PRELIMINARY BORING
- MW10 GROUNDWATER MONITORING WELL LOCATION & NUMBER

NOTES

1 BASE MAP DEVELOPED FROM AIR PHOTO SUPPLIED BY CHICAGO AERIAL SURVEY, INC , DES PLAINES ILLINOIS PHOTO NO 40C-64 DATE FLOWN MARCH 24, 1986

north

SCALE 1 = 200

FIGURE 11

SOIL BORING AND MONITORING WELL LOCATION MAP

JOSLYN MANUFACTURING CO
FRANKLIN PARK, ILLINOIS

B15

60243.03

WARZYN

TABLE 6

JOSLYN MANUFACTURING CO
SOIL SAMPLE RESULTS - VOLATILES
MAY 17 24, 1988
(mg/kg)

CHEMICAL NAME / BORING DEPTH (FT)	SB-02 2-4	SB-03A 4-6	SB-04 0-2	SB-05 34-36	SB-06 4-6	SB-07 4-6	SB-08 2-4	SB-10 2-4	SB-11 19-21	SB-12 2-4	SB-13 0-2	SB-14 19-21
METHYLENE CHLORIDE	0 021B		0 013B	0 021B	0 008B	0 03B	0 083B	0 046B	0 023B		0 033B	0 02B
ACETONE	0 13B	3 8B	0 032B	0 071B	0 22B	0 025B	0 20B	0 89B	0 039B	8 1B	0 031B	0 066B
CARBON DISULFIDE				0 010								
CHLOROFORM			0 003J				0 006BJ	0 005BJ				
2-BUTANONE					0 015							
1,1,1 TRICHLOROETHANE						0 014						
BENZENE		2 5					0 0008J	0 001J		0 50J		
TOLUENE	0 001BJ	18	0 004BJ		0 003BJ		0 002BJ			2 7	0 003BJ	0 003BJ
ETHYLBENZENE		53			0 004J			0 0007BJ		4 6		
STYRENE		29										
TOTAL XYLENES		73	0 011		0 012		0 001BJ	0 004BJ		15		

Notes

Blank indicates compound was not detected at the specified detection limit See laboratory report for complete list of parameters and detection limits

B indicates compound was detected in sample blank

J indicates compound was below the limits of detection but was estimated

243R04LSS

TABLE 6
(CONTINUED)

JOSLYN MANUFACTURING CO
SOIL SAMPLE RESULTS - VOLATILES
MAY 17 - 24, 1988
(mg/kg)

CHEMICAL NAME / BORING DEPTH (FEET)	SB-15 0-2	SB-16 0-2	SB-17 0-2	SB-18 0-2	SB-19 0-2	SB-19D 0-2	SB-20 19-21	SB-20D 19-21	SB-21 0-2	SB-22 0-2	SB-23 0-2
METHYLENE CHLORIDE	0 009	0 012	0 022	0 013	0 007		0 055B	0 062B	0 011	0.015	0 008
ACETONE	0 045	0 009J	0 022	0 008J	0 069	0 057B	0 15B	0 12B	0 029B	0 044B	0 021B
CARBON DISULFIDE								0 01J			
CHLOROFORM							0 022BJ	0 015BJ			
2-BUTANONE					0 014						
1,1,1 TRICHLOROETHANE				0 006					0 008		
BENZENE											
TOLUENE	0 002BJ	0 006B		0 005BJ	0 005BJ	0 003J	0 008BJ	0 01BJ	0 008	0 021	
ETHYLBENZENE										0 067	
STYRENE										0 014J	
TOTAL XYLENES		0 009							0 007	0 11	

Notes.

Blank indicates compound was not detected at the specified detection limit See laboratory report for complete list of parameters and detection limits

B indicates compound was detected in sample blank

J indicates compound was below the limits of detection but was estimated

243R04LSS

TABLE 7

JOSLYN MANUFACTURING CO
SOIL SAMPLE RESULTS - SEMI-VOLATILES
MAY 17 - 24, 1988
(mg/kg)

CHEMICAL NAME	BORING DEPTH (FEET)	SB-02 2-4	SB 03A 4 6	SB-04 0 2	SB-05 34-36	SB-06 4 6	SB-07 4-6	SB-08 2-4	SB 10 2 4	SB-11 19-21	SB-12 2-4	SB-13 0-2	SB-14 19-21
4-METHYLPHENOL													
NAPHTHALENE							0 98J				4,200	4 5	0 023J
2-METHYLNAPHTHALENE			1,400	0 045J		41J	0 74J				1,200		0 16J
ACENAPHTHYLENE			13J	0 025J				0 096J				0 021J	
ACENAPHTHENE			1,200	0 62		160	0 26J	0 036J			1,800	0 020J	0 12J
DIBENZOFURAN			710	0 13J		120					1,200	0 03J	0 11J
DIETHYLPHTHALATE				0 02J									
FLUORENE			660	0 24J		150	0 19J					0 028J	0 11J
PENTACHLOROPHENOL			250	1 5J			37						
PHENANTHRENE			2,000	0 80	0 021J	480	1 5	0 16J			7,000	0 19J	0 44
ANTHRACENE			330	0 24J		52J	0 48J	0 30J			2,100	0 067J	0 078J
DI-N-BUTYLPHTHALATE		2 7		1 4	1 2		1 2J			0 56		5 0	4 6
FLUORANTHENE		008J	920	2 4		130	1 5	0 47	0 037J		3,500	0 18J	0 17J
PYRENE			490	2 9		98	1 8	0 44	0 029J		2,100	0 16J	0 13J
BENZO(A)ANTHRACENE			260	0 49		21		0 22J			390	0 067J	
BIS(2-ETHYLHEXYL)PHTHALA				4 8	6 5			4 7	0 24J	4 0B		1 2B	2 8B
CHRYSENE			110	0 65				0 27J			760	0 088J	
BENZO(B)FLUORANTHENE				0 52				0 48				0 20J	
BENZO(K)FLUORANTHENE													
BENZO(A)PYRENE			44J	0 22J				0 25J					
INDENO(1,2,3-CD)PYRENE								0 17J				0 12J	
BENZO(G,H,I)PERYLENE				0 13J									

Notes

Blank indicates compound was not detected at the specified detection limit See laboratory report for complete list of parameters and detection limits

B indicates compound was detected in sample blank

J indicates value was below the limits of detection but was estimated

243R04LSS

TABLE 7
(CONTINUED)

JOSLYN MANUFACTURING CO
SOIL SAMPLE RESULTS - SEMI-VOLATILES
MAY 17 - 24, 1988
(mg/kg)

CHEMICAL NAME	BORING DEPTH (FEET)	SB-15 0-2	SB-16 0-2	SB-17 0-2	SB-18 0-2	SB-19 0-2	SB 19D 0-2	SB-20 19-21	SB-20D 19-21	SB-21 0-2	SB-22 0-2	SB-23 0-2
BENZOIC ACID					0 094J							
NAPHTHALENE				0 083J								
2-METHYLNAPHTHALENE			0 049J	0 092J	0 058J							
ACENAPHTHYLENE		1 7J	0 44	0 27J	0 071J	0 074J	0 048J			0 22J		
ACENAPHTHENE		1 4J		0 05J	0 085J						19J	
DIBENZOFURAN				0 11J	0 10J						12J	
DIBENZO(A,H)ANTHRACENE					0 41							
FLUORENE		0 69J	0 037J	0 036J	0 13J						17J	
PENTACHLOROPHENOL		69	6 9	4 3	1 4J					4 1		
PHENANTHRENE		3 1	0 36	0 38J	0 46	0 099J	0 099J			0 36J	110J	0.18J
ANTHRACENE		3 0J	1 1	0 69	0 23J	0 35J	0 33J			0 57	19J	0 22J
DI-N-BUTYLPHTHALATE		5 0	0 23J	0 30J	0 20J	0 16J	0 16J	0 056J	0 17J	0 30J		0 32J
FLUORANTHENE		68	1 2	0 95	0 76	0 33J	0 22J			0 78	49J	0 19J
PYRENE		55	1 5	0 71	0 68	0 44	0 25J			0 75	46J	0 14J
BENZO(A)ANTHRACENE		9 9	0 57	0 38J	0 56	0 28J	0 14J			0 33J		
BIS(2-ETHYLHEXYL)PHTHALATE			1 7B	1 5B	0 29BJ	0 089BJ		1 4B	0 68B	1 3B		
CHRYSENE		15		0 55	0 70							
BENZO(B)FLUORANTHENE		18	3 1	3 1	2 1		0 72			1 6		
BENZO(K)FLUORANTHENE				1 5								
BENZO(A)PYRENE		5 5	0 87	0 42	0 98	0 40J	0 29J			0 65		
INDENO(1,2,3-CD)PYRENE		6 8		1 2	1 3	0 54	0 36			1 3		
BENZO(G,H,I)PERYLENE		4 7	1 9	1 0	1 0	0 43J	0 26J			1 0		

Notes.

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243R04LSS

TABLE 8

JOSLYN MANUFACTURING CO
GROUNDWATER SAMPLE RESULTS - VOLATILES
JUNE 2, 1988
(mg/l)

CHEMICAL NAME	MW-01	M2-02	MW-03	MW-04	MW-05	MW 06	MW-07	MW-08	MW-09	MW-07D	BAILER BANK
METHYLENE CHLORIDE											
ACETONE	0 065	0 028B	0 02	0 012	0 033	0 027B		0 04B	0 013B		0.033B
CARBON DISULFIDE											
CHLOROFORM											
2-BUTANONE											
1,1,1 TRICHLOROETHANE											
BENZENE	0 003J				0 019						
TOLUENE	0 015		0 0005J		0 027						
ETHYLBENZENE	0 04				0 025						
STYRENE	0 008										
TOTAL XYLENES	0 069				0 068						

Notes

Blank indicates compound was not detected at the specified detection limit See laboratory report for complete list of parameters and detection limits

B indicates compound was detected in sample blank

J indicates value was below the limits of detection but was estimated

243R04LSS

TABLE 9
JOSLYN MANUFACTURING CO
GROUNDWATER SAMPLES SEMI-VOLATILES
JUNE 2 1988
(mg/l)

CHEMICAL NAME	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09	MW-07D	BAILER BANK
4-METHYLPHENOL					0 003J						
NAPHTHALENE	0 17	0 0006J			0 032			0 0009J	0 0008J		
2-METHYLNAPHTHALENE	0 082				0 005J						
ACENAPHTHYLENE	0 006J				0 003J						
ACENAPHTHENE	0 32	0 0007J			0 057				0 011		
DIBENZOFURAN	0 089				0 005J				0 003J		
DIETHYLPHTHALATE		0 002J		0 0009J		0 002J	0 0008J	0 0007J	0 0006J	0 0006J	
FLUORENE	0 14				0 011				0 005J		
PENTACHLOROPHENOL	0 086				1 4			0 11	0 006J		
PHENANTHRENE	0 019							0 002J	0 0009J		
ANTHRACENE	0 071	0 0009J		0 0003J	0 002J			0 0004J	0 0002J		
DI-N-BUTYLPHTHALATE	0 0008BJ	0 0007BJ	0 001BJ		0 001BJ	0 002BJ	0 001BJ	0 002BJ	0 0003BJ	0 0005BJ	
FLUORANTHENE	0 04				0 001J			0 0005J	0 003J		
PYRENE	0 025				0 001J			0 0003J	0 003J		
BENZO(A)ANTHRACENE	0 002J										
BIS(2-ETHYLHEXYL)PHTHALATE	0 001BJ	0 0008BJ	0 001BJ	0 001BJ	0 005BJ	0 001BJ	0 001BJ	0 002BJ	0 002BJ	0 0007BJ	
CHRYSENE	0 002J										
BENZO(B)FLUORANTHENE									0 00001J		
BENZO(K)FLUORANTHENE											
BENZO(A)PYRENE	0 0005J										
INDENO(1,2,3-CD)PYRENE											
BENZO(G,H,I)PERYLENE											

Notes

Blank indicates compound was not detected at the specified detection limit See laboratory report for complete list of parameters and detection limits

B indicates compound was detected in sample blank

J indicates value was below the limits of detection but was estimated

TABLE 1
JOSLYN MANUFACTURING CO.
LOCATION OF NEARBY WATER SUPPLY WELLS

Well Owner	Location	Total Depth (ft)	Open Interval	Date Drilled	Currently in Use
1. Joslyn Manufacturing Company	NE 1/4, SE 1/4, SW 1/4 Section 27, T40N, R12E	267	85-267	12/18/62	No
2. City of Franklin Park (No. 2)	NW 1/4, NW 1/4, NW 1/4 Section 27, T40N, R12E	1485	300-1485	1917	No
3. City of Franklin Park (No. 3)	NW 1/4, NW 1/4, NW 1/4 Section 27, T40N, R12E	1949	505-1949	1931	No
4. Indiana Harbor Belt RR (No. 1)	NW 1/4, NW 1/4, Section 34, T40N, R12E	1146	544-1146	1913	?
5. Indiana Harbor Belt RR (No. 2)	NW 1/4, NW 1/4, Section 34, T40N, R12E	1493	1173-1493	1918	?
6. Indiana Harbor Belt RR (No. 3)	NW 1/4, NW 1/4, Section 34, T40N, R12E	1938	1695-1938	1922	?
7. Cook Co. Forest Preserve District	NW 1/4, NW 1/4, Section 35, T40N, R12E	1964	68-134	1964	?
8. Park Ridge Camp	NE 1/4, NW 1/4, Section 35, T40N, R12E	83.6	?	1935	?

REFERENCE NUMBER 004

(23710—50M—9 60)

ILLINOIS GEOLOGICAL SURVEY, URBANA

Strata	Thickness	Top	Bottom
Drift mostly clay	57	0	57
Clay and lime boulders	13	57	70
Broken limestone	5	70	75
Limestone. Good crevice at 95'. Lot of crevices all along but do not seem to have any water in them. Tools hung in one at 166' but it was full of mud.	175	75	235
Brown lime	25	235	260
Shale	7	260	267
			TD

Size of well : 10" - 0-85'

Casing Record: 10" I D.- 0-75'
8" I D.- 0-85'

Main supply at 95'
Drawdown 40
Yield 220 gallons per minute..
S S. #44078

COMPANY J P. Miller Artesian Well Co.
FARM Joslyn Mfg. & Supply Co. NO. 1
DATE DRILLED December 18, 1962 COUNTY NO 471
AUTHORITY J. P. Miller Artesian Well Co.
ELEVATION

(8511—50M—7-69) 14

ILLINOIS GEOLOGICAL SURVEY, URBANA

ENGINEERING BORING	Thickness	Top	Bottom
D3-DS-304			
Fill-brn& gry, silty clay, tr f to cr sand, tr organic			5.5
Fill-brn clayey silt, some f to cr sand			8.5
Brn f to cr sand, some silt, tr f gravel, tr clay			13.0
Gry silty clay, tr f to cr sand, tr f gravel			28.0
Gry clayey silt, litt f to cr sand, tr f gravel			51.1
Dolomite-gry-grn, f grain, argillaceous, cherty, porous, shale ptgs, some vugs, stylolities			152.7
Dolomite-white, f grain, stylolites, occ vugs			162.9
Dolomite-white-med gry, f to med grain, scatt chert nodules, shale ptgs, scatt vugs			192.0
Dolomite-red-grn/gry- med grain, grn shale ptgs			207.0
Dolomite-med gry-grn/gry, med grain, argillaceous, slght vuggy, shale ptgs			251.7
Shale-grn purple, yellow, f grain interbedded dolomite			264.0
Typed by Warrenville			
This composite log for soil & rock			
Logs of 98 borings filed at NE Ill Office			
*Metropolitan Sanitary Dist of Greater Chicago			
NO ENVELOPE			

COMPANY Knoerle, Bender, Stone & Assoc.
FARM *Des Plaines Riv System NO
DATE DRILLED 12/75 COUNTY NO 26700
AUTHORITY Company
ELEVATION 624 4' G L.

ILLINOIS GEOLOGICAL SURVEY, URBANA

ENGINEERING BORING	Thickness	Top	Bottom
B-1			
General clayey fill, trace to some sand, gravel, topsoil & misc. fill, brn, gray & blk, soft			4.0
Clay & silt & clay-some silt, trace of sand & gravel, brn & gray very tough to hard			12.0
Clay, some silt, trace of sand & gravel, blue & brn, very tough			17.0
Clay, some silt, trace of sand & gravel, blue, very tough			20.0

Soils report with 2 borings filed at Warrenville
*Metropolitan Sanitary District of Greater Chicago
NO ENVELOPE
Received from Warrenville 7/9/76

MPANY	Illinois Drilling & Testing Company
RM	*Prop. Site Proj. #67-40 NO B-1
TE DRILLED	July 5, 1967 COUNTY NO 25328
THORITY	Company
VATION	626.2' G.L.

(8811—50M—6-69) 14

ILLINOIS GEOLOGICAL SURVEY, URBANA

	Thickness	Top	Bottom
Clay	23	0	23
Gravel	4	23	27
Clay	20	27	47
Sand, and gravel	3	47	50
Gravel mixed with clay	23	50	73
Limestone, white	137	73	210
Limestone, red	40	210	250
Shale, blue	247	250	497
Limestone, gray	93	497	590
Limestone, brown	30	590	620
Limestone, gray	130	620	750
Limestone, gray	90	750	840
Sandstone	122	840	962
Limestone	88	962	1050
No record	435	1050	1485
			TD

Casing: 300' of 12" casing
Well 12" diameter at top
6" diameter at bottom.

COMPANY S.B. Geiger
FARM Franklin Park City NO 2
DATE DRILLED 1917 COUNTY NO 1660
AUTHORITY Ewing & Allen, Engineers.
ELEVATION 646' G. L.

...son Rochester N Y Binder and holes in leaves each Patented 1906. 370514

(6)

TOWN Franklin Pk. TOWNSHIP

Map No

COMPANY Gray Kilneger Drilling Co.

R. 12

FARM Franklin Park Well No. 3

T. 40 N

Sec. 27

AUTHORITY

ELEVATION

COLLECTOR

DATE DRILLED 1931

CONFIDENTIAL

Examined June 1931 by S.E.Ekblaw

No.	STRATA	Thickness Feet	Thickness In	Depth Feet	Depth In
	Dresbach				
	Sandstone, pinkish buff, medium ~~to coarse~~, incoherent	8		1415	
	Sandstone, buff to yellow, medium to coarse, incoherent	20		1435	
	Sandstone, white to buff, fine to medium, incoherent	20		1455	
	Eau Claire				
	Sandstone, buff, fine to coarse and dolomite, partly sandy, gray	19		1474	
	Sandstone, dolomitic, fine to medium, gray to brown and shale, green to brown	20		1494	
	Shale, silty, dolomitic, gray	10		1504	
	Dolomite, silty, glauconitic, gray and shale, glauconitic, green and gray	12		1516	
	Dolomite, silty, very glauconitic, gray tinged pink and green	9		1525	
	Shale, silty, micaceous, gray	25		1550	
	Dolomite, silty, very glauconitic, green and shale, silty, glauconitic, green to pink	20		1570	

County COOK

Index No 1327

TOWNSHIP Franklin Park WNSHIP Map No

COMPANY Gray Milaeger Drilling Co. R. 12 E

FARM Franklin Park City No. 3 T Sec 27

AUTHORITY Consoer, Older & Quinlan 40

ELEVATION 640' G L. N

COLLECTOR Workman DATE DRILLED 1923

CONFIDENTIAL

See corres 360-911, May 19, 1931

No	STRATA	Thickness Feet	Thickness In.	Depth Feet	Depth In
	500' N line, 200' W line of NW County # 1661				
	Well deepened from 1405 to 1949 feet				
	Dresbach sand	5		1455	
	Eau Claire formation (lime, sand, and shale)	280		1735	
	Sandstone, gray	10		1745	
	Lime, white, sandy	5		1750	
	Limestone	20		1770	
	Limestone, light and broken, with small streaks of shale	60		1830	
	Lime, dark, with streaks of shale	5		1835	
	Mt. Simon sandstone, white	59		1894	
	Mt. Simon sandstone with broken shale	8		1902	
	Mt. Simon sand showing some pink	35		1937	
	Mt. Simon sandstone, pink	12		1949	
	A 17" inside diameter casing was set from the top of the well to a depth of 505 ft. There was no other casing placed in the well.				
	Sample cuttings received and examined by S. E. Ekblaw				

County Cook Index No.

John C. Moore Corporation Rochester N Y Binder and holes in leaves, each Patented 1908. 367362

SHEET 2 T 40N R. 12E S. 27

COMPANY Gray Milsaeger Drl. Co. HOLE NO

FARM Franklin Park Well HOLE NO. 3

No	STRATA	Thickness Feet	Thickness In	Depth Feet	Depth In
	Shale, silty, micaceous, purple	27		1597	
	Dolomite, silty, buff and shale, green	10		1607	
	Shale, silty, dolomitic, light buff gray	8		1615	
	Shale, glauconitic, silty, greenish gray	10		1625	
	Shale, as above with dolomite, silty, glauconitic, greenish gray	13		1638	
	Shale, silty, very glauconitic green, soft	5		1643	
	Dolomite, glauconitic, white to gray	17		1660	
	Dolomite, sandy, glauconitic white to gray, medium, compact	30		1690	
	Dolomite, partly sandy, very glauconitic, gray, medium	25		1715	
	Shale, silty, glauconitic, gray to green with some dolomite as above	15		1730	
	Mt. Simon ?				
	Sandstone, white, medium, incoherent	15		1745	
	Sandstone, partly dolomitic, white, medium	5		1750	
	Sandstone, dolomitic, gray to brown, and shale, silty, gray to brown	20		1770	
	Sandstone, partly dolomitic, white to buff, medium	18		1788	

County COOK

Index No 1327

T—DRILL RECORD

John C. Moore Corporation Rochester N Y Binder and holes in leaves each Patented 1908, 36736a

SHEET 3 T 40N R. 13E S. 27

COMPANY Gray Milsaeger Drl. Co. HOLE NO

FARM Franklin Park Well HOLE NO 3

No	STRATA	Thickness Feet	Thickness In	Depth Feet	Depth In
	Sandstone, very slightly dolomitic, white to gray, fine to medium	42		1830	
	Shale, silty, gray, soft	5		1835	
	Sandstone, white to gray, fine to medium, incoherent	10		1845	
	Sandstone, white, medium, incoherent, partly sooty, much pyrite cement	16		1861	
	Sandstone, brown, fine to coarse, incoherent, sooty, fossiliferous	6		1867	
Mt.	Simon				
	Sandstone, gray buff, medium, incoherent	27		1894	
	Sandstone, white, fine to coarse, incoherent	24		1918	
	Sandstone, white to pink, fine to coarse, partly coherent	19		1937	
	Sandstone, pink, medium, incoherent	12		1949	

County COOK

Index No 1327

T—DRILL RECORD

(42937—4M—9-30)

John C. Moore Corporation, Rochester N. Y. Binder and holes in leaves, each Patented 1908. 9p6gm

TOWN Franklin Park TOWNSHIP Leyden Map No. 13

COMPANY R. 12 E

FARM Ind.Har.Belt RR. No. 1 T. Sec.

AUTHORITY Blueprint on file No. 40 N 34

at Water Survey

ELEVATION 637 top.map

COLLECTOR W.D.Gerber DATE DRILLED 1913

CONFIDENTIAL

at Norpaul Yds.

No.	STRATA	Thickness Feet	Thickness In	Depth Feet	Depth In
	Subsoil	55	5	55	5
	Limestone	182	7	238	
	Shale	306		544	
	Limestone	314		858	
	Sandstone	268		1126	
	Broken limestone	6		1132	
	Broken sandstone	6		1138	
	Soft sand material	8	2	1146	2

Top of casing 2 ft. above grade level
62 ft. of 12" casing from +2 to -60 ft.
108'-3" of 10" casing from 435'-9" to 544'-0"

12" hole 60' to 544'
10" hole 544 to 1146'-2"

County Cook Index No. 1 13 A 035

Edwin C. Moore Corporation Rochester N. Y. Binder and holes in [illegible] Patented 1906, [illegible]

TOWN Franklin Park TOWNSHIP Leyden Map No. 13

COMPANY R. 12E

FARM Ind. Har. Belt RR No. T. Sec.

AUTHORITY Blueprint Water No. 2 40-N 34

ELEVATION 637, Top. Map Survey Files

COLLECTOR W.D.Gerber DATE DRILLED 1918

CONFIDENTIAL

AT Norpaul Yds.

No	STRATA	Thickness Feet	In	Depth Feet	In
	Yellow clay	15		15	
	Soft clay	5		20	
	Blue clay	20		40	
	Hard pan	16		56	
	Blue clay, gravel	14		70	
	Rock	205		275	
	Rock, streaked with shale	35		310	
	Shale	205		515	
	Limestone	455		970	
	Sandstone	55		1025	
	?	90		1115	
	Red marl and limestone	58		1173	
	Red marl	177		1350	
	Sandstone	143		1493	

73 ft. of 13-1/4" casing, 0 to 73 ft.
103 ft. of 8" casing, 1070 to 1173 ft.

12 1/2" hole to 1173 ft.
8" ? hole 1173 to 1493

County Cook Index No 1334.2H

John F. Mouse Corporation Rochester N. Y. Binder and holes in leaves each Patented 1908, 1916

Map No. 13

TOWN Franklin Park TOWNSHIP Leyden R. 12E

COMPANY J. P. Miller Artesian Well Co. T. Rec. 34

FARM Indiana Harbor Belt RR No. 3 X

AUTHORITY Blueprint Water Supp. File 4C

ELEVATION 636 top. map

COLLECTOR W. D. Gerbe DATE DRILLED 1922

CONFIDENTIAL

"or make yds.

No	STRATA	Thickness Feet	In	Depth Feet	In
	Black soil	2		2	
	Yellow clay	10		12	
	Blue clay	8		20	
	Gravel	8		28	
	Hard pan	23		51	
	Soft and broken limestone	12		63	
	Hard gray limestone	242		305	
	Shale	145		450	
	Lime	18		468	
	Shale	90		558	
	Gray lime	62		620	
	Lime	130		750	
	Brown lime	130		880	
	Sandstone	250		1130	
	Red marl and sandy shale	87		1217	
	Sandy lime	63		1280	
	Sandstone	80		1360	
	Sandstone and lime	65		1425	
	Sandstone	105		1530	
	Shale	165		1695	
	Lime	70		1765	
	Sandstone	15		1780	
	Limestone	30		1810	
	Sandstone	28		1838	

63 ft. of 16" OD pipe 0 to 63 ft.
253 ft. of 12" ID pipe, 305 to 558 ft.
104 - 8" of 10" ID pipe, 1112'-4" to 1217 ft.
176'-10" ID pipe, 1518'-2" to 1695 ft.

16" hole, 0' to 63'

Illinois Power Corporation [illegible] N Y [illegible] drain holes in [illegible]

SHEET 2 T 40 N R 12E 34

COMPANY J.P.Miller Artesian Well Co. HOLE NO 3

FARM Indiana Har. Belt R. R. HOLE NO

No.	STRATA	Thickness Feet	Thickness In	Depth Feet	Depth In
	15" hole, 63 to 558				
	12" " , 558 to 1217				
	10" " , 1217 to 1695				
	8" " , 1695 to 1938				

County COOK

T.—DRILL RECORD

1334.IG Index No O

card number

LOG OF WATER WELL

Property owner Forest Preserve District of Cook County, Illinois Well No. 3132

Drilled by Water Well Engineers Year 1964

Formations passed through	Thickness	Depth of Bottom
Drift	5	5
Sandy shale	50	55
White sand & gravel	13	68
Limestone	66	134
Field checked by C Sund 7/66		

[Continue on back if necessary]

Finished in limestone at 68 to 134 ft.

Cased with 6 inch galvanized from 0 to 69 ft

and inch from to ft

Size hole below casing 6 inch Static level from surf. 70 ft.

Tested capacity 20 gal per min Temperature 56 °F

Water lowered to 120 ft. in in 4 hrs. min

Length of test 4 hrs. min Screen none

Slot Diam. Length Bottom set at ft

[Show location in Section Plat]

Township name Elev 625

Description of location Thatcher Rd. south of Fullerton Ave.
2200'W, 500'S, NEC

Sec. 35 4h

Twp. 40N

Rge. 12E

Signed County Cook

...ore Corporat... ...hester N. Y. Binder and holes in leaves ...tract d 1 700

TOWN TOWNSHIP Leyden Map No. 13
COMPANY Snelton Bros. No. R. 12E
FARM Park Ridge Camp No. 3 T 40 N Sec. 35
AUTHORITY
ELEVATION 626 T. M.
COLLECTOR DATE DRILLED 1936
CONFIDENTIAL

2400' E. and 300' S. of NW corner of Sec. 35.

No.	STRATA	Thickness Feet	Thickness In	Depth Feet	Depth In
	First and Fullerton Aves.				
	Loam, red	7		7	
	Clay, blue	12		19	
	Gravel	4		23	
	Clay, yellow	19		42	
	Hardpan	2		44	
	Clay, yellow	2		46	
	Hardpan	14		60	
	Flint rock	3		63	
	Hardpan	7		70	
	Gravel	2		72	
	Sandstone	8	6	80	6
	Limestone	3		83	6
	6" casing to 83'6"				
	Static level 44'				
	Drawdown 2 1/2' after 3 hours pumping at 30 GPM which followed 7 hours pumping at an unknown rate				
	Summary Sample Study				
	Studied by E. M. Bayesinger, October 1936				
	SILURIAN SYSTEM -- {PLEISTOCENE SYSTEM No samples	60		60	
	Niagaran series				
	Dolomite, light gray to gray, partly vesicular	3		63	
	"Hardpan"	7		70	
	Dolomite, white, buff and gray, partly greenish, cherty	13	6	83	6

REPORT: PWICP121
MODULE: PWICM072

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
FACILITY INVENTORY LIST

PAGE: 260
DATE: 07/13/87

REFERENCE NUMBER 005

PAGE: 1
FACILITY ID: 0310150 BELLWOOD STATUS: A WATER: G DESC:

---------- FACILITY CHARACTERISTICS ----------

COUNTRY: 001 USA STATE: 17 IL COUNTY: 031 COOK COMM: 015 BELLWOOD
OWNER: 10 MUNICIPALITY PUBLIC: Y COMM: Y POPULATN: 20,000 SRVCS: 6,185 % METERED: 100
START YR: 1908 WATER: G OPERATOR: C REGION: 02 DISTRICT: HIGH FL: Y
START MO: 01
USEAGE (MGD): AVG MAX - 0.000 AVG - 3.241
STORAGE (THOUS): GROUND - 0 ELEVATED - 1,000 PRESSURE - 0.0 STANDPIPE - 0.0

PHONE: PLANT - 312-547-3542 ALT - 312-547-3500 EMERGENCY - 312-547-3528
EMERGENCY NAME: POLICE

BACTI: REQUIRED Y CYCLE 1 NO. DISTRB 25 NO. FINISH 0 NO. RAW 5 NO. BOTTLE 6
THM: METHOD M CYCLE 10 NO. SMPL/QTR 0 DATE THM FRCD DATE NO. SMPL INCR REQD Y
CHEM/SODIUM: MNTH CYCLE 05 YR CYCLE 3
PEST/HERB: CYCLE 0
RAD: MNTH CYCLE 00 YR CYCLE 0 FREQUENCY 0 - NO SAMPLING REQUIRED DATE CHG RA226 RA228
CL EXMPT DT: NOT EXEMPT
FLUORIDE: NO. BOTTLE 1
NITRATE: SPECIAL 0-NONE

LAST VISIT: 05/08/87 LAST INSPCTN: 12/04/86 INSPCTN CODES: 33333
PAY SCHD: B - BI-MONTHLY PAY CODE: F - FIXED RATE MIN CHARGE: 5.00 THOUS GAL PER MIN: 3
EMERGENCY PWR: 32 - ENGINE-NATURAL GAS
FACL STATUS: A - ACTIVE STATUS CHNG:
FACL PRCHSD BY: OWNER CHG: PURCHASE PRIMARY: N

OWNER: VILL PRES & BD OF TRUSTEES OFFICIAL CUSTODIAN:
VILLAGE HALL
3200 WASHINGTON BLVD
BELLWOOD IL 60104
FORM RECV: Y

BOTTLE RECIPIENT: JAMES DENNIS
OR BOTTLE RECIPIENT
3200 WASHINGTON BLVD
BELLWOOD IL 60104

---------- TREATMENT APPLICATION POINT ----------

01 WPS EASTERN AVE AND ST CHARLES PLACE PERMIT EXPIRES
COMMON CODE: NEAR NUCLEAR FACILITY: N
TYPE: T TAP SUPPLY CAPACITY (MGD) : 9.000 NPDES:
STATUS: A ACTIVE CLEAR WELL STORAGE (THOUS) : 1,500.0 WATER POLLUTION:
LATITUDE: N 41 53 11.0 PRESSURE STORAGE (THOUS) : 0.0
LONGITUDE: W 87 52 25.0 GROUND STORAGE (THOUS) : 0.0
LAT/LONG ACCURACY: P PLOTTED

TREATMENT: 05 CHEMICAL ADDITION PROCESS: 34 CHLORINE-GAS

E02

REPORT: PWICP121
MODULE: PWICM072

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
FACILITY INVENTORY LIST

PAGE: 261
DATE: 07/13/87

PAGE: 2
FACILITY ID: 0310150 BELLWOOD STATUS: A WATER: G DESC:

BENEFIT: 02 DISENFECT WATER

---------- RAW SOURCE ----------

ID: 21083 WELL 1 SE CORNER OF 30TH AND GRANT AVE STATUS: A ACTIVE DIAMETER (FT): 12.0
COUNTRY: 001 USA TYPE USE: P - PUBLIC SUPPLY ALLOC CAP (MGD): 0.000
STATE: 17 IL TYPE: G GROUND WATER RATED PUMP CAP (MGD):
COUNTY: 031 COOK SUB-TYPE: 03 SANDSTONE WELL ACT PUMP CAP (MGD): 1.497
COMM/TOWN: 015 BELLWOOD CONSTRUCTION YR: 1913

LATITUDE: N-41-53-20.0 ---------REHABILITATION--------- ---------WELL PARAMETERS--------
LONGITUDE: W-87-52-08.0 01/35 04-DEEPENED CASEMENT DEPTH (FT): 0
ACCURACY: P 09 CASEMENT HT (IN): 0
HYDROLGC: 07120004 DEPTH (FT): 1956
STORET: - NOT SENT PUMP DEPTH (FT): 0
--ALGICIDE PERMIT--- ELEVATION (FT): 0
NO: SAMPLE REQ: Y PUMPING LEVEL (FT): 0
ISSUED: START DATE: 00/00 SPECIFIC CAP (GAL): 0.0
EXPIRED: BACKUP: N SAFE YIELD CAP (MGD): 0.000
SAFE YIELD CALC YR: 00

* * * * GROUND WATER MONITORING SEGMENT * * * *

--- WELL SITE SURVEY ---
PRELIMINARY DT:
DETAIL DT:
REPORT DT:

---------- NEEDS ASSESSMENT ----------
START DT:
COMPLETION DT:
PERFORM ENTITY:

---- ORDINANCE OF WELL PROTECTION #1 --
FILE ENTITY:

FILING DT:
TYPE #1: -
TYPE #2: -
TYPE #3: -

---- ORDINANCE OF WELL PROTECTION #2 --
FILE ENTITY:

------ REGIONAL RECHARGE PETITION ------
PETITION ENTITY:

REQUEST DT:
ACTION ON REQUEST: -
ACTION DT:

```
--- WELL SITE SURVEY ----                  ---- ORDINANCE OF WELL PROTECTION #1 --        ------ REGIONAL RECHARGE PETITION ------
PRELIMINARY DT                                FILE ENTITY                                   PETITION ENTITY
     DETAIL DT
     REPORT DT
                                                FILING DT                                          REQUEST DT
---------- NEEDS ASSESSMENT ----------           TYPE #1   -                                ACTION ON REQUEST    -
      START DT                                  TYPE #2   -                                       ACTION DT
  COMPLETION DT                                 TYPE #3   -
PERFORM ENTITY
                                             ---- ORDINANCE OF WELL PROTECTION #2 --
                                               FILE ENTITY

---------- IEPA ASSESSMENT ----------
REQUEST ENTITY                                  FILING DT
                                                  TYPE #1   -
                                                  TYPE #2   -
      START DT                                    TYPE #3   -
        END DT
    ADVISORY DT


    MIN SETBACK     200          LAND BURIAL SUSCEPTIBILITY   C1          DRILL LOG EXISTS   Y
MAX SETBACK IND     -            LAND SPREAD SUSCEPTIBILITY                        LOCATION    -
    MAX SETBACK                      BEDROCK SUSCEPTIBILITY             CORR/SMPL LOG EXISTS    -
      PUMP TEST                         DPWS SUSCEPTIBILITY                          LOCATION    -
```

F02

```
REPORT   PWICP121                    ILLINOIS ENVIRONMENTAL PROTECTION AGENCY                          PAGE        262
MODULE   PWICM072                       DIVISION OF PUBLIC WATER SUPPLIES                              DATE   07/13/87
                                             FACILITY INVENTORY LIST

      PAGE     3
FACILITY ID   0310150  BELLWOOD                    STATUS   A    WATER   G    DESC

      PUMP TEST DT   01/72              OTHER SUSCEPTIBILTY                        ISGS ID
  APPROX AREA INFL                       GROUND WATER CLASS                        IDPF ID
      CALCULATE DT                   HAZARDOUS INDEX RATING                   ISWS AQUIFER   6080
      STATIC LEVEL                                                              QUAD SHEET   032A
                                                                                             RIVER FOREST
                                                                            LEGAL LOCATION   39N 12E 09 1400S 1500W

      ID   21084  WELL 2 SW CORNER OF ST CHARLESPL & EASTN     STATUS   A   ACTIVE                    DIAMETER  (FT)      0 0
 COUNTRY   001    USA                                        TYPE USE   P - PUBLIC SUPPLY             ALLOC CAP (MGD)      0 000
   STATE   17     IL                                            TYPE    G   GROUND WATER          RATED PUMP CAP (MGD)
  COUNTY   031    COOK                                     SUB-TYPE:  003 SANDSTONE WELL           ACT PUMP CAP (MGD)      1 008
COMM/TOWN  015    BELLWOOD                                                                          CONSTRUCTION YR    1929

 LATITUDE   N-41-53-11 0                                  ---------REHABILITATION---------   ---------WELL PARAMETERS--------
LONGITUDE   W-87-52-25 0                                          04                          CASEMENT DEPTH (FT)      0
 ACCURACY   P                                                     09                             CASEMENT HT (IN)      0
 HYDROLGC   07120004                                                                                DEPTH (FT)   1966
   STORET     - NOT SENT                                                                        PUMP DEPTH (FT)      0
--ALGICIDE PERMIT---                                                                            ELEVATION (FT)      0
      NO                                 SAMPLE REQ   Y                                       PUMPING LEVEL (FT)      0
   ISSUED                                START DATE   00/00                                   SPECIFIC CAP (GAL)      0 0
  EXPIRED                                    BACKUP   N                                    SAFE YIELD CAP (MGD)      0 000
                                                                                              SAFE YIELD CALC YR     00

* * * *    GROUND WATER MONITORING SEGMENT    * * * *

--- WELL SITE SURVEY ----                  ---- ORDINANCE OF WELL PROTECTION #1 --        ------ REGIONAL RECHARGE PETITION ------
PRELIMINARY DT                                FILE ENTITY                                   PETITION ENTITY
     DETAIL DT
     REPORT DT
                                                FILING DT                                          REQUEST DT
---------- NEEDS ASSESSMENT ----------           TYPE #1   -                                ACTION ON REQUEST    -
      START DT                                  TYPE #2   -                                       ACTION DT
  COMPLETION DT                                 TYPE #3   -
PERFORM ENTITY
                                             ---- ORDINANCE OF WELL PROTECTION #2 --
                                               FILE ENTITY

---------- IEPA ASSESSMENT ----------
REQUEST ENTITY                                  FILING DT
                                                  TYPE #1   -
                                                  TYPE #2   -
      START DT                                    TYPE #3   -
        END DT
    ADVISORY DT


    MIN SETBACK     200          LAND BURIAL SUSCEPTIBILITY   C1          DRILL LOG EXISTS
MAX SETBACK IND     -            LAND SPREAD SUSCEPTIBILITY                        LOCATION    -
    MAX SETBACK                      BEDROCK SUSCEPTIBILITY             CORR/SMPL LOG EXISTS   S-SAMPLE LOG
```

G02

```
REPORT   PWICP121                    ILLINOIS ENVIRONMENTAL PROTECTION AGENCY                          PAGE        263
MODULE   PWICM072                       DIVISION OF PUBLIC WATER SUPPLIES                              DATE   07/13/87
                                             FACILITY INVENTORY LIST

      PAGE     4
FACILITY ID   0310150  BELLWOOD                    STATUS   A    WATER   G    DESC

      PUMP TEST                         DPWS SUSCEPTIBILITY
```

```
      ID   TOBS WELL 3 NW CORNER OF MADISON AND EASTERN      STATUS   A   ACTIVE                          DIAMETER  (FT):    24 0
 COUNTRY   001    USA                                      TYPE USE:  P - PUBLIC SUPPLY                   ALLOC CAP (MGD)     0 000
   STATE   17     IL                                          TYPE    G   GROUND WATER                 RATED PUMP CAP (MGD)
  COUNTY   031    COOK                                     SUB-TYPE   003 SANDSTONE WELL                 ACT PUMP CAP (MGD)     1 296
COMM/TOWN  015    BELLWOOD                                                                               CONSTRUCTION YR    1949

 LATITUDE  N-41-52-42 0                                        ---------REHABILITATION---------      ---------WELL PARAMETERS--------
LONGITUDE  W-87-52-26 0                                                 04                          CASEMENT DEPTH (FT)       0
 ACCURACY  P                                                            09                             CASEMENT HT (IN)       0
 HYDROLGC  07120004                                                                                      DEPTH (FT)      1951
   STORET    - NOT SENT                                                                                PUMP DEPTH (FT)       0
--ALGICIDE PERMIT---                                                                                   ELEVATION (FT)     630
      NO                                 SAMPLE REQ   Y                                              PUMPING LEVEL (FT)       0
   ISSUED                                START DATE   00/00                                          SPECIFIC CAP (GAL)     0 0
  EXPIRED                                    BACKUP   N                                           SAFE YIELD CAP (MGD)     0 000
                                                                                                     SAFE YIELD CALC YR     00

 * * * *    GROUND WATER MONITORING SEGMENT    * * * *

     --- WELL SITE SURVEY ----              ---- ORDINANCE OF WELL PROTECTION #1 --      ------ REGIONAL RECHARGE PETITION ------
```

102

```
REPORT   PWICP121                          ILLINOIS ENVIRONMENTAL PROTECTION AGENCY                                    PAGE      205
MODULE   PWICM072                             DIVISION OF PUBLIC WATER SUPPLIES                                        DATE   07/13/87
                                                 FACILITY INVENTORY LIST

      PAGE     6
FACILITY ID   0310150  BELLWOOD                          STATUS   A    WATER   G    DESC

     PRELIMINARY DT                          FILE ENTITY                                    PETITION ENTITY
          DETAIL DT
          REPORT DT
                                              FILING DT                                          REQUEST DT
   ---------- NEEDS ASSESSMENT ----------        TYPE #1   -                              ACTION ON REQUEST    -
         START DT                                TYPE #2   -                                     ACTION DT
    COMPLETION DT                                TYPE #3   -
    PERFORM ENTITY
                                            ---- ORDINANCE OF WELL PROTECTION #2 --
                                              FILE ENTITY

   ---------- IEPA ASSESSMENT ----------
    REQUEST ENTITY                            FILING DT
                                                TYPE #1   -
                                                TYPE #2   -
         START DT                               TYPE #3   -
           END DT
       ADVISORY DT

      MIN SETBACK      200          LAND BURIAL SUSCEPTIBILITY   E            DRILL LOG EXISTS
   MAX SETBACK IND                  LAND SPREAD SUSCEPTIBILITY   D2                  LOCATION    -
      MAX SETBACK                       BEDROCK SUSCEPTIBILITY              CORR/SMPL LOG EXISTS   S-SAMPLE LOG
        PUMP TEST                        DPWS SUSCEPTIBILITY                       LOCATION    -
     PUMP TEST DT    01/72              OTHER SUSCEPTIBILITY                         ISGS ID
   APPROX AREA INFL                      GROUND WATER CLASS                          IDPF ID
      CALCULATE DT                    HAZARDOUS INDEX RATING                    ISWS AQUIFER   6080
      STATIC LEVEL                                                                 QUAD SHEET   032A
                                                                                               RIVER FOREST
                                                                              LEGAL LOCATION   39N 12E 09  100N 2875W

   *-----------------------------*   W A T E R   T R E A T M E N T   C H E M I C A L S   *-----------------------------*

                                                                   AVERAGE   MAXIMUM
      CHEMICAL                                          SEQUENCE  QUANTITY  QUANTITY    STORAGE DESCRIPTION

  007782505 CHLORINE                                      01          5         10      150 POUND CYLINDERS

   *--------- ----------------*   T R E A T M E N T   A P P L I C A T I O N   P O I N T   *----------------------------*

  03  WPS ST CHARLES RD & 50TH AVE                                                                          PERMIT     EXPIRES
            COMMON CODE                                   NEAR NUCLEAR FACILITY   N
                  TYPE   B BOOSTER                      SUPPLY CAPACITY (MGD)        2 520              NPDES
                STATUS   A ACTIVE                  CLEAR WELL STORAGE (THOUS)         0 0       WATER POLLUTION
              LATITUDE   N  41 53 22 0               PRESSURE STORAGE (THOUS)         0 0
             LONGITUDE   W  87 53 39 0                 GROUND STORAGE (THOUS)     1,000 0
       LAT/LONG ACCURACY   P PLOTTED

   TREATMENT   05  CHEMICAL ADDITION        PROCESS   34  CHLORINE-GAS
```

102

```
REPORT   PWICP121                          ILLINOIS ENVIRONMENTAL PROTECTION AGENCY                                    PAGE      206
MODULE   PWICM072                             DIVISION OF PUBLIC WATER SUPPLIES                                        DATE   07/13/87
                                                 FACILITY INVENTORY LIST

      PAGE     7
FACILITY ID   0310150  BELLWOOD                          STATUS   A    WATER   G    DESC

   *-------------------------------- ----------*   R A W   S O U R C E   *----- ------ ------------------------------*

      0   21086  WELL 4                                STATUS   A   ACTIVE                          DIAMETER  (FT)       0 0
      2    /      A                                   TYPE USE   P   PUBLIC SUPPLY                   ALLOC CAP (MGD)      0 3[illegible]
```

RAW SOURCE

ID	21086	WELL 4	STATUS	A ACTIVE	DIAMETER (FT) 0 0
COUNTRY	DOT	USA	TYPE USE	P - PUBLIC SUPPLY	ALLOC CAP (MGD) 0 000
STATE	17	IL	TYPE	G - GROUND WATER	RATED PUMP CAP (MGD)
COUNTY	031	COOK	SUB-TYPE	003 SANDSTONE WELL	ACT PUMP CAP (MGD) 1 440
COMM/TOWN	015	BELLWOOD			CONSTRUCTION YR 0000

LATITUDE N-41-53-22 0
LONGITUDE W-87-53-39 0
ACCURACY P
HYDROLGC 07120004
STORET - NOT SENT
--ALGICIDE PERMIT---
NO
ISSUED
EXPIRED

SAMPLE REQ Y
START DATE 00/00
BACKUP N

---------REHABILITATION---------
04
09

---------WELL PARAMETERS--------
CASEMENT DEPTH (FT) 0
CASEMENT WT (IN) 0
DEPTH (FT) 1960
PUMP DEPTH (FT) 0
ELEVATION (FT) 0
PUMPING LEVEL (FT) 0
SPECIFIC CAP (GAL) 0 0
SAFE YIELD CAP (MGD) 0 000
SAFE YIELD CALC YR 00

* * * * GROUND WATER MONITORING SEGMENT * * * *

--- WELL SITE SURVEY ----
PRELIMINARY DT
DETAIL DT
REPORT DT

---------- NEEDS ASSESSMENT ----------
START DT
COMPLETION DT
PERFORM ENTITY

---------- IEPA ASSESSMENT ----------
REQUEST ENTITY

START DT
END DT
ADVISORY DT

---- ORDINANCE OF WELL PROTECTION #1 --
FILE ENTITY

FILING DT
TYPE #1 -
TYPE #2 -
TYPE #3 -

---- ORDINANCE OF WELL PROTECTION #2 --
FILE ENTITY

FILING DT
TYPE #1 -
TYPE #2 -
TYPE #3 -

------ REGIONAL RECHARGE PETITION ------
PETITION ENTITY

REQUEST DT
ACTION ON REQUEST -
ACTION DT

MIN SETBACK 200
MAX SETBACK IND -
MAX SETBACK
PUMP TEST
PUMP TEST DT 01/72

LAND BURIAL SUSCEPTIBILITY C1
LAND SPREAD SUSCEPTIBILITY
BEDROCK SUSCEPTIBILITY
DPWS SUSCEPTIBILITY
OTHER SUSCEPTIBILTY

DRILL LOG EXISTS Y
LOCATION -
CORR/SMPL LOG EXISTS -
LOCATION -
ISGS ID

K02

REPORT PWICP121
MODULE PWICM072

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
FACILITY INVENTORY LIST

PAGE 267
DATE 07/13/87

PAGE 8
FACILITY ID 0310150 BELLWOOD

STATUS A WATER G DESC

APPROX AREA INFL
CALCULATE DT
STATIC LEVEL

GROUND WATER CLASS
HAZARDOUS INDEX RATING

IDPF ID
ISWS AQUIFER 6080
QUAD SHEET 0328
ELMHURST
LEGAL LOCATION 39N 12E 08 1100S 2350E

WATER TREATMENT CHEMICALS

CHEMICAL	SEQUENCE	AVERAGE QUANTITY	MAXIMUM QUANTITY	STORAGE DESCRIPTION
007782505 CHLORINE	01	5	10	150 POUND CYLINDERS

BACTERIA COMPLIANCE

BEGIN 03/24/86
END 04/20 86
VIOL LVL I-INFORMATION

PWS ISSUED
WAIVER
WAIVER APRV
WAIVER DATE
IMPROP LOC NO
INSUF ROUT NO
LATE ROUT NO
INSUF CK NO
LATE CK NO
OTHER 1 NO OTHER 2 NO

MONITORING	REQ	RECD1	RECD2	CK REQ	CK SAT	CK UNSAT	ROUTINE	
DIST	25	41	0	0	0	0	SATIS	41
FIN	0	0	0				QUEST	0
RAW	5	4	0	0	0	0	UNSATIS	0
							G-NEG	0

--------PUBLIC NOTICE---------
REQUIRED NO
FAC NOTIF BY PWS
PRESS NOTIF BY FAC
MAIL NOTIF BY FAC
PUBLIC NOTIF BY PWS

PWS ISSUED
WAIVER
WAIVER APRV
WAIVER DATE
AVG CONC 0 00

----------MAXIMUM ALLOWABLE CONCENTRATION----------
BOTH MF/MPN METHODS
MF COUNT IN VIOL
MPN ONE TUBE VIOL
MPN THREE TUBE VIOL

BEGIN 04/21/86
END 05/18/86
VIOL LVL I- INFORMATION

PWS ISSUED
WAIVER
WAIVER APRV
WAIVER DATE
IMPROP LOC NO
INSUF ROUT NO
LATE ROUT NO
INSUF CK NO
LATE CK NO
OTHER 1 NO OTHER 2 NO

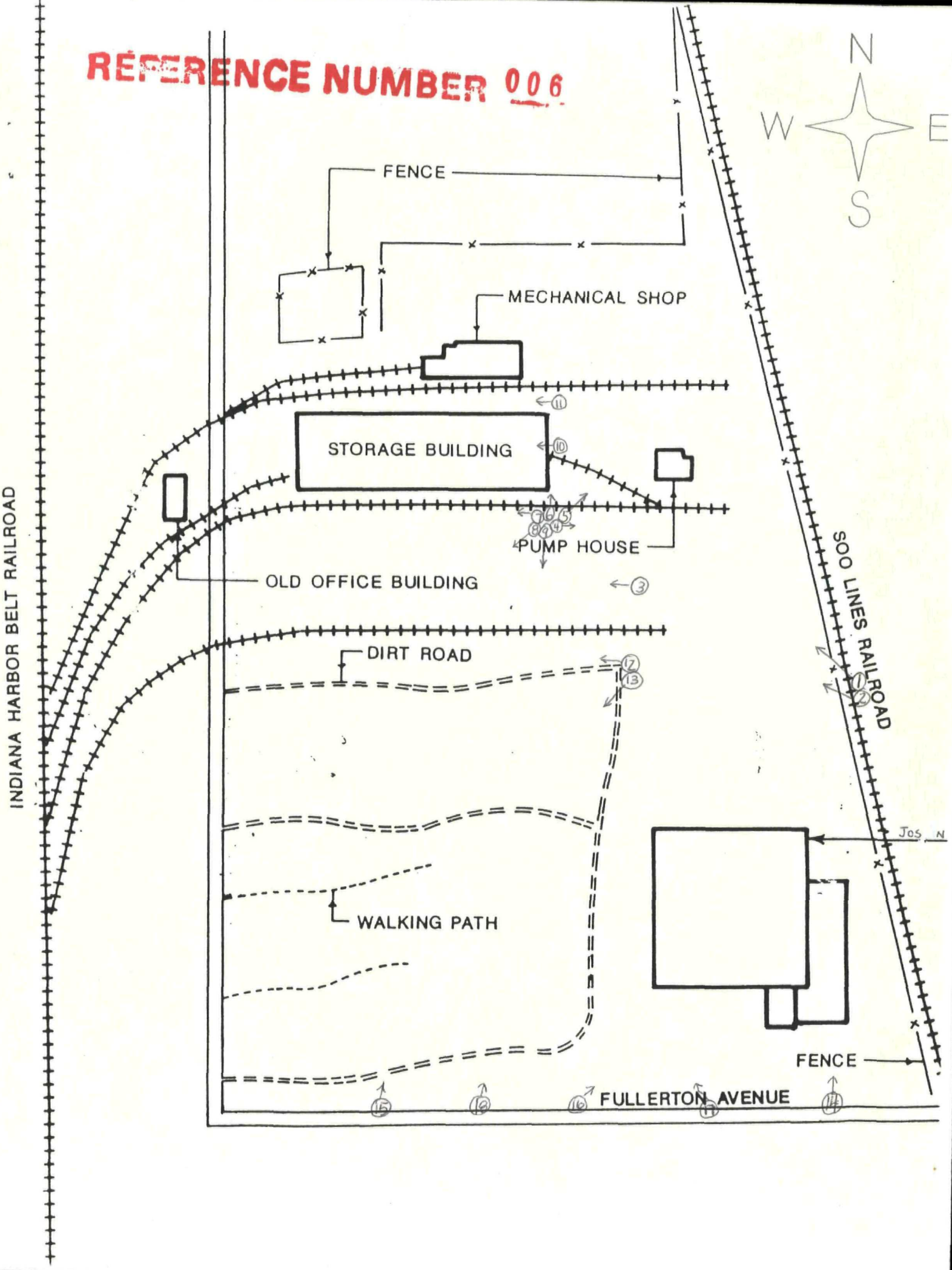
MONITORING	REQ	RECD1	RECD2	CK REQ	CK SAT	CK UNSAT	ROUTINE	
DIST	25	41	0	0	0	0	SATIS	41
FIN	0	0	0				QUEST	0
RAW	5	4	0	0	0	0	UNSATIS	0
							G-NEG	0

------PUBLIC NOTICE-------
REQUIRED N

PWS ISSUED

----------MAXIMUM ALLOWABLE CONCENTRATION----------
BOTH MF/MPN METHODS
MF COUNT IN VIOL
MPN ONE TUBE VIOL
MPN THREE TUBE VIOL

REFERENCE NUMBER 006



DATE: 18 Oct. 88

TIME: 12:55 pm

Photograph by:

Tim Murphy

Location: 1.

W. of Soo Line R.R. b/tw Grand + Fullerton

Franklin Park, Cook Co., IL

Comments: Picture taken toward

the Northwest of the

sheet metal building

DATE: 18 Oct 88

TIME: 12:55 pm

Photograph by: 2.

Tim Murphy

Location: W. of Soo Line R.R.

b/tw Grand and Fullerton

Comments: Picture taken toward

the west-northwest

IL 532-0603
L/NPC 24 (Rev. 7/86)

DATE: 18 Oct 88

TIME: 12:56 pm

Photograph by:

Tim Murphy

Location: 3

W. of SooLine R.R. b/tw Grand + Fullerton

Franklin Park, Cook County, IL

Comments: Picture taken toward

west, Motorola, Inc. in the

background

DATE: 18 Oct 88

TIME: 12:57 pm

Photograph by: 4.

Tim Murphy

Location: W. of SooLine R.R.

b/tw Grand and Fullerton

Comments: Picture taken toward

the east, pump house to

the left

IL 532-0603
L/NPC 24 (Rev. 7/86)

DATE: 18 Oct 88

TIME: 12:57 pm

Photograph by:

Tim Murphy

Location: 5.

W. of Soo Line R.R. b/tw Grand + Fullerton

Franklin Park, Cook Co., IL

Comments: Picture taken toward

the Northeast

DATE: 18 Oct 88

TIME: 12:58 pm

Photograph by: 6.

Tim Murphy

Location: W. of SooLine R.R.

between Grand and Fullerton

Comments: Picture taken toward

the North of the east

side of the sheet metal building

IL 532-0603
L/NPC 24 (Rev. 7/86)

DATE: 18 Oct 88

TIME: 12:58 pm

Photograph by:

Tim Murphy

Location: 7.

W. of Soo Line R.R. b/tw Grand + Fullerton

Franklin Park, Cook Co., IL

Comments: Picture taken toward

the west

DATE: 18 Oct 88

TIME: 12:58 pm

Photograph by: 8.

Tim Murphy

Location: W. of Soo Line R.R.

between Grand + Fullerton

Comments: Picture taken toward

the South west

DATE: 18 Oct 88

TIME: 12:59 pm

Photograph by:

Tim Murphy

Location: 9.

W. of Soo Line R.R. b/tw Grand + Fullerton

Franklin Park, Cook Co., IL

Comments: Picture taken toward

the South

DATE: 18 Oct 88

TIME: 1:00 pm

Photograph by:

10.

Tim Murphy

Location: W. of Soo Line R.R.

between Grand and Fullerton

Comments: Picture taken toward

the west, inside of sheet

metal building

DATE: 18 Oct 88

TIME: 1:00 pm

Photograph by:

Tim Murphy

Location: 11.

W. of Soo Line R.R. b/tw Grand and Fullerton, Franklin Park, Cook Co., IL

Comments: Picture taken toward the west

DATE: 18 Oct 88

TIME: 1:05 pm

Photograph by:

Tim Murphy 12.

Location: W. of Soo Line R.R. between Grand and Fullerton

Comments: Picture taken toward the west of dirt road

DATE: 18 Oct 88

TIME: 1:05 pm

Photograph by:

Timothy J. Murphy

Location: 13.

W. of Soo Line R.R. b/tw Grand and Fullerton, Franklin Park, Cook Co., IL

Comments: Picture taken toward the southeast

DATE: 10 Nov 88

TIME: 11:45

Photograph by:

Tim Murphy 14.

Location: Joslyn Corp.

9200 W. Fullerton

Comments: Picture taken toward the North

DATE: 10 Nov 88

TIME: 11:45

Photograph by:

Tim Murphy

Location:

15

Joslyn Corp.

9200 W. Fullerton

Comments: Picture taken toward

the North

DATE: 10 Nov 88

TIME: 11:45

Photograph by:

16

Tim Murphy

Location: Franklin Park

Cook County, IL

Comments: Picture taken toward

the Northeast

IL 532-0603
L/NPC 24 (Rev. 7/86)

DATE: 10 Nov 88

TIME: 11:45

Photograph by:

Tim Murphy

Location:

17

Joslyn Corperation

9200 W. Fullerton

Comments: Picture taken toward

the Northwest

DATE: 10 Nov 88

TIME: 11:45

Photograph by:

18

Tim Murphy

Location: Franklin Park

Cook County, IL

Comments: Picture taken toward

the North

IL 532-0603
L/NPC 24 (Rev. 7/86)