

Kerr-McGee Chemical Corporation

Technical Memorandum

Predesign Task 8 - Phase I Groundwater Utilization Survey

**Moss-American Site
Milwaukee, Wisconsin**

January 1992

Vernon Hills, Illinois





ROY F. WESTON, INC.
THREE HAWTHORN PARKWAY, SUITE 400
VERNON HILLS, ILLINOIS 60061
708-918-4000

4 February 1992

Director, Waste Management Division
Attn: Moss-American Site
Remedial Project Manager (HSRW-6J)
U.S. Environmental Protection Agency
77 West Jackson Blvd.
Chicago, Illinois 60604

Subject: Technical Memorandum - Pre-design Task 8
Moss-American Site, Milwaukee, WI

Gentlemen:

Roy F. Weston, Inc. is hereby transmitting the above-referenced document on behalf of the settling defendant for the Moss-American Superfund Site, Kerr-McGee Chemical Corporation (KMCC).

Please direct any comments regarding this deliverable to the undersigned.

Very truly yours,

ROY F. WESTON, INC.

Gary J. Deigan
Senior Project Manager

Kurt S. Stimpson
Project Director

GJD/KSS/lh

Enclosure

\\WO\MOSSAMER\6061.LTR



U.S. EPA

-2-

4 February 1992

cc: Mr. Mark Krippel, Project Manager
Kerr-McGee Chemical Corporation
798 W. Factory St.
West Chicago, IL 60186

Mr. Jim Schmidt (2 copies)
Department of Natural Resources
Southeast District Office
P.O. Box 12436
Milwaukee, WI 53212

Mr. George B. Rice
Kerr-McGee Chemical Corporation
P.O. Box 25861
Oklahoma City, Oklahoma 73125

Mr. Richard Meserve
Covington & Burling
1201 Pennsylvania Avenue N.W.
P.O. Box 7566
Washington, D.C. 20044

Regional Counsel (1 copy)
Attn: Moss-American Site Coordinator (5CS)
U.S. Environmental Protection Agency
77 West Jackson Blvd.
Chicago, IL 60604

Assistant Attorney General (1 copy)
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
Ref. D.J. #90-11-2-590


Section Chief (3 copies)
Environmental Response and Repair Section
Bureau of Solid and Hazardous Waste Management
Department of Natural Resources
101 S. Webster Street
P.O. Box 7921
Madison, WI 53707-7921

\WO\MOSSAMER\6061.LTR

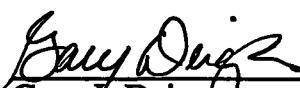
**TECHNICAL MEMORANDUM
PREDESIGN TASK 8
PHASE 1 GROUNDWATER UTILIZATION SURVEY**

Prepared for


**Kerr-McGee Chemical Corporation
Oklahoma City, Oklahoma**



**William L. Niemann, P.G.
Project Geologist**



**Gary J. Deigan
Senior Project Manager**



**Kurt S. Stimpson
Project Director**

Prepared by

**Roy F. Weston, Inc.
Three Hawthorn Parkway
Vernon Hills, Illinois 60061**

January 1992

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SECTION 1

INTRODUCTION

1.1 OBJECTIVES

This Phase I groundwater utilization survey was designed to identify groundwater uses in the vicinity of the former wood preserving plant. Specific objectives included:

- Determining the number and location of residential, commercial, and industrial water supply wells in the vicinity of the former wood preserving plant.
- Determining the aquifer systems being utilized by any water supply wells identified in the survey area.
- Collecting information such as well construction, pumping rates, water use, and water treatment on any wells identified in the survey area.

The survey information can also be used to determine potential impacts which remediation activities may have on water supply wells. Specifically, Chapter NR 112 of the Wisconsin Administrative Code restricts the development of land disposal units within 1,200 feet of a water supply well.

The second phase of this groundwater utilization survey will entail conducting informational interviews with property owners and others who may be able to further verify the information presented herein. The second phase activities will not be conducted until United States Environmental Protection Agency (U.S. EPA) and Wisconsin Department of Natural Resources (WDNR) have completed review of this Technical Memorandum and appropriate community relations activities have been completed. Kerr-McGee Chemical Corp. will continue to coordinate community relations activities with U.S. EPA.

1.2 STUDY AREA

The groundwater utilization survey encompasses an area within a one-quarter mile radius of the former wood preserving plant property boundaries, and within one-quarter mile along each side of the Little Menomonee River for approximately 5 miles downstream of the former wood preserving plant (Figure 1). This area includes the site as defined in the Record of Decision (ROD) plus the one-quarter mile radius.

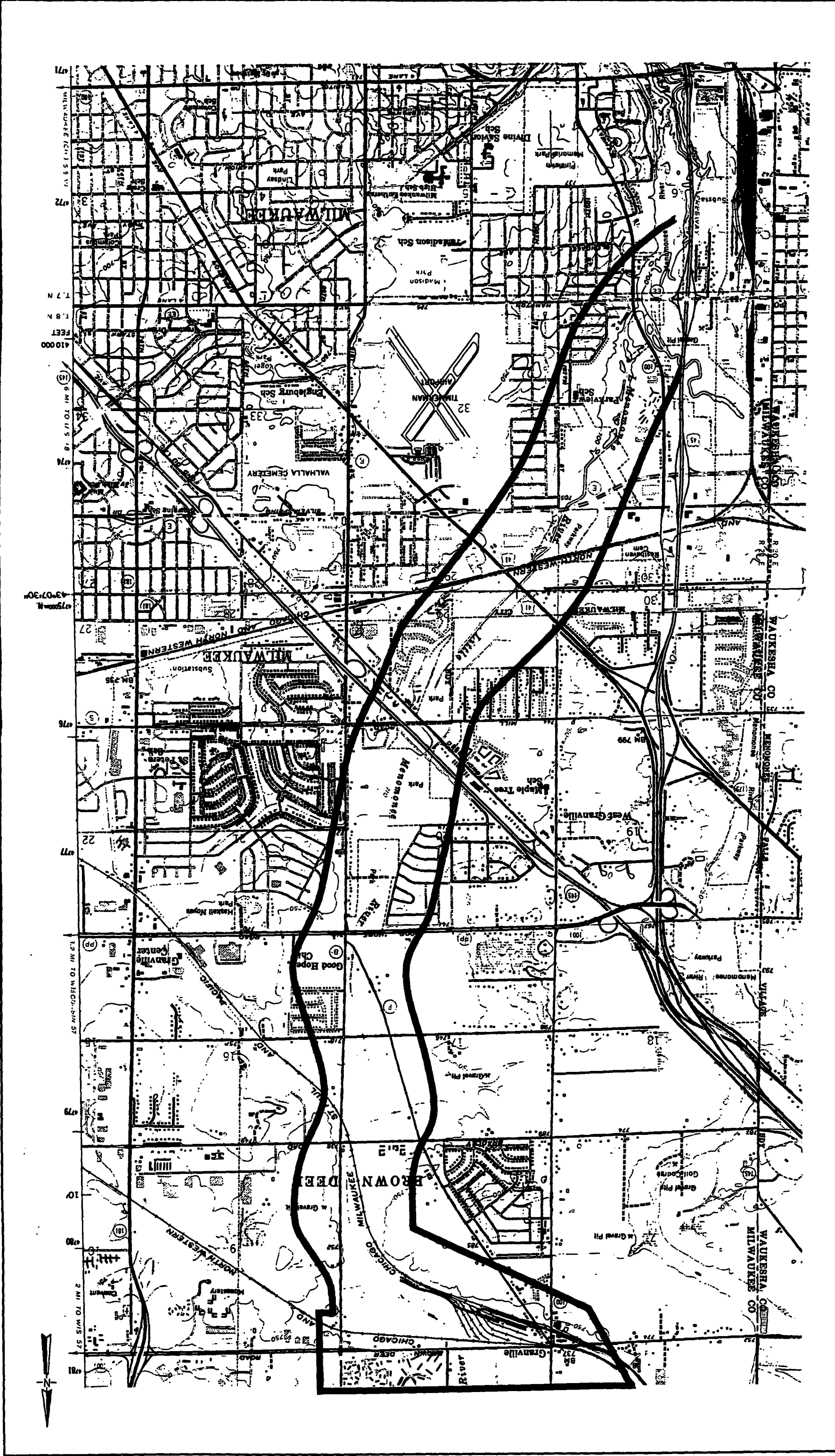


FIGURE 1

GROUNDWATER UTILIZATION SURVEY AREA
 MOSS-AMERICAN SUPERFUND SITE
 Milwaukee, Wisconsin

WESTON
 MANAGERS DESIGNERS/CONSULTANTS
 Three Hawthorn Parkway
 Vernon Hills, Illinois
 60061

SECTION 2

SOURCES OF INFORMATION

This subsection discusses the information sources that were utilized for the purpose of the survey. Most of the information summarized in this report was obtained by mail or by telephone. Records of phone conversation are presented in Appendix D. Well abandonment reports were inspected in person by a WESTON geologist at the WDNR office in Milwaukee.

2.1 U.S. EPA

According to the U.S. EPA, no Field Investigation Team Report exists for the Moss-American Site because these reports were not being produced in 1982-1983. Information obtained from the EPA included phone conversation records dated May 11, 1983, which stated that there were 150 water supply wells within a 3-mile radius of the site, but no wells within 1 mile of the site.

The relevant information provided by U.S. EPA is contained in Appendix A.

2.2 United States Geological Survey

The United States Geological Survey (USGS) Information Center was contacted. The USGS does not maintain information on water supply wells and suggested contacting the Wisconsin Department of Natural Resources.

2.3 Wisconsin State Agencies

The WDNR in Milwaukee provided a 1978 list of existing and/or active water supply wells within the Milwaukee city limits (Appendix B). WESTON identified which of the listed wells fell within the survey area and then searched WDNR files for well abandonment reports that could have been filed for these wells since 1978.

The Wisconsin Geological and Natural History Survey (WGNHS) in Madison maintains records of Well Constructor's Reports and Geologic logs. These records are submitted to the state by water well contractors. WESTON obtained these reports for all wells constructed in Sections 8 and 29 of Township 8 North, Range 21 East (Appendix C). Section 8 includes the former wood preserving plant. Because of the volume of well reports for each section, they were not obtained for the other sections within the survey area.

However, the list of wells compiled by the City of Milwaukee is believed to include all existing and/or active wells as of 1978.

The Wisconsin Public Health Department was also contacted; the department indicated that they do not have well records.

2.4 Milwaukee City Agencies

The Milwaukee Public Health Department indicated that they do not have any records or information on sources of public water.

The Milwaukee Water Engineering Department provided WESTON with information on the time period for water main construction in the survey area. However, the department does not have records of when or if individual households were connected to the water main.

The plumbing inspector's office was also contacted. The office informed WESTON that if a household was within 200 feet of a water main then the home owner is issued an order to connect to city water.

The drinking water testing office was contacted and given a list of potential wells in the survey area. The office keeps records of water samples taken from wells in Milwaukee for five years. Samples are taken only by request. There are no sample records on file for wells within the survey area nor wells in the vicinity of the survey area.

2.5 Water Well Drillers

Local well drilling firms were contacted. They do not keep records of Well Constructor's Reports, but as indicated in Subsection 2.3, they do submit these reports to the WGNHS. The drilling firms did provide estimates of typical aquifer yield in the survey area.

SECTION 3

PHASE I SURVEY FINDINGS

The Milwaukee Water Engineering Department indicated that water mains were constructed in 1961 along the stretch of Granville Road directly west of the facility. Since the late 1950s, no private wells have been constructed in the survey area. In other words, no wells were constructed within the survey area after municipal water was available. Well abandonment reports have been filed for all wells except for the seven wells identified in Table 1 within the survey area. According to the WDNR, it is possible for wells to be abandoned and a report not filed. However, because no records are on file for abandonment of these seven wells, they are considered as potentially active wells for the purposes of this survey. The locations of the seven wells are shown in Figure 2. The well abandonment reports on file at the WDNR included documentation of well abandonment for a well located in the former wood preserving plant site.

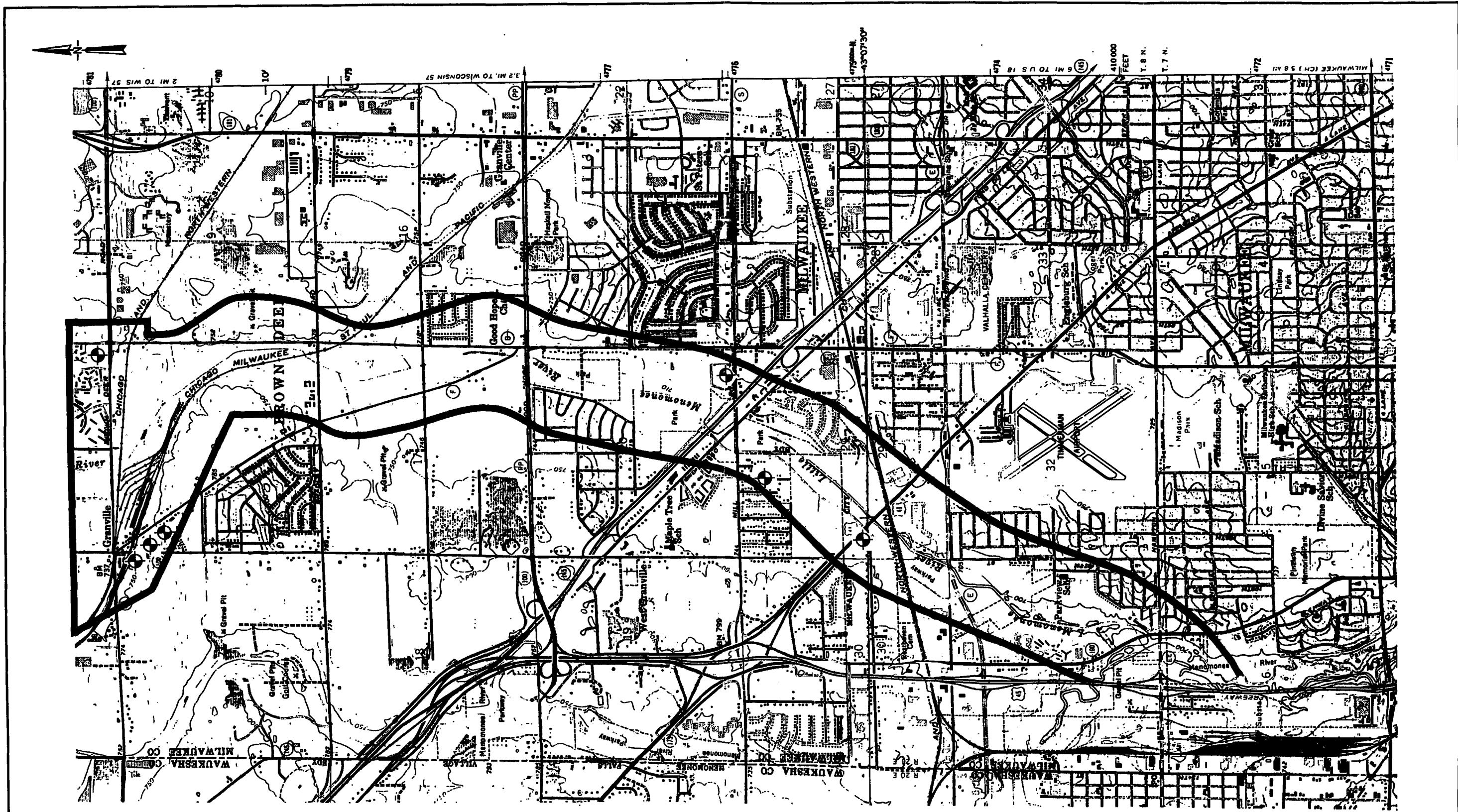
The Well Constructor's Reports obtained from the WGNHS suggest a dolomite aquifer system is being utilized by any active water supply wells in the area. The dolomite is generally overlain by approximately 80 to 120 feet of glacial till. Figure 3 is a generalized cross-section for the Moss-American site. All wells are finished in the bedrock between approximately 90 and 150 feet below ground surface.

Information concerning pumping rates was not available, but according to a local well drilling firm, typical yields from the dolomite aquifer for the average household are on the order of 10 to 15 gallons per minute.

Table 1

List of Potential Water Supply Wells
Within the Study Area

Well Number	Address	Depth of Well	Year of Construction
1	9201 W. Brown Deer Road	146	1952
2	8741 N. Granville Road	99	1947
3	8431 N. Granville Road	163	1953
4	8429 N. Granville Road	103	1956
5	6270 N. 102nd Street	100	1954
6	9229 W. Mill Road	108	1957
7	10515 W. Appleton Avenue	76	1952



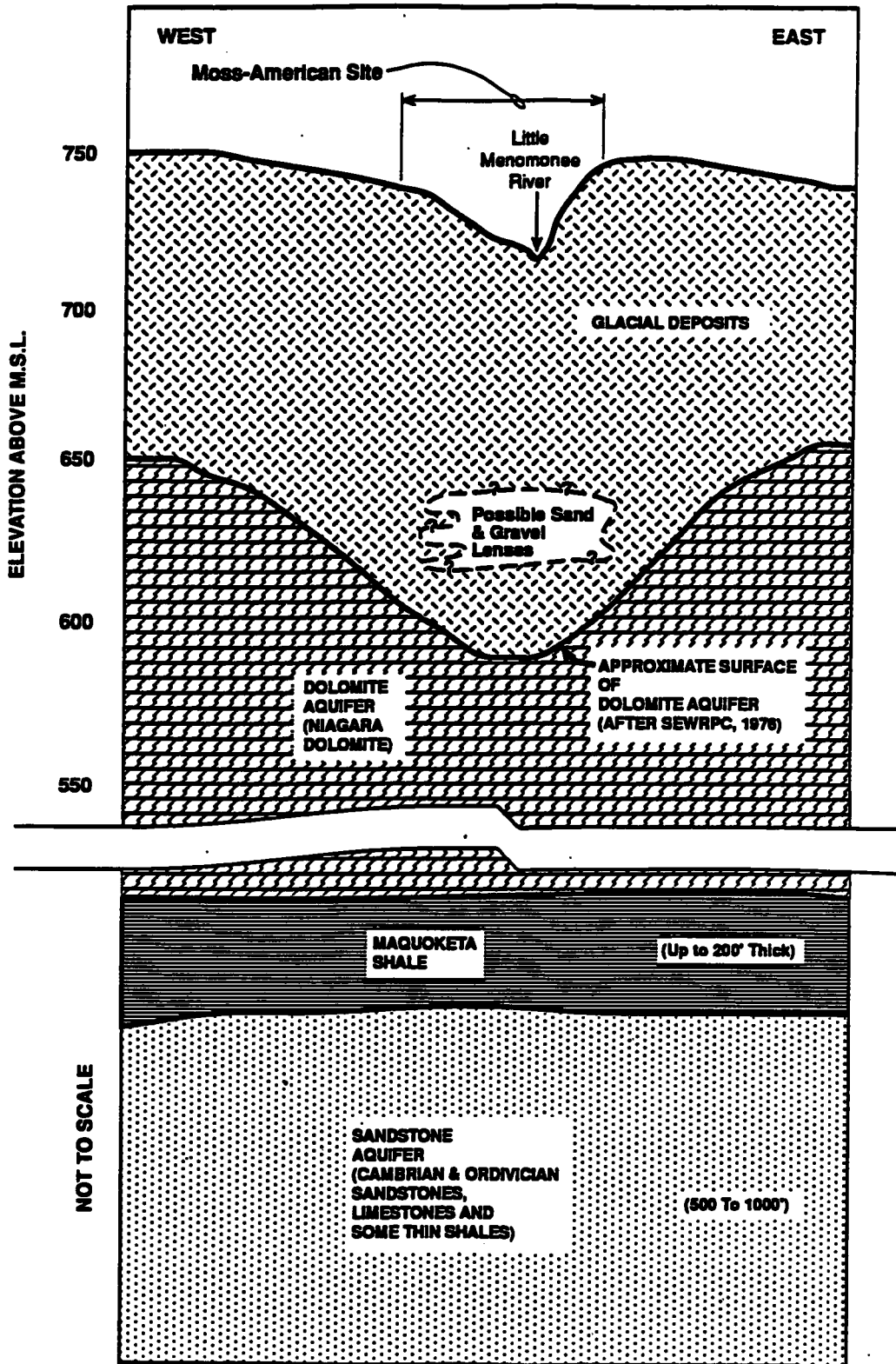
LEGEND

● POTENTIAL WELL LOCATIONS

FIGURE 2

WESTON Three Hawthorn Parkway
 MANAGERS DESIGNERS/CONSULTANTS Vernon Hills, Illinois
 60061

POTENTIAL WELL LOCATIONS
 MOSS-AMERICAN SUPERFUND SITE
 Milwaukee, Wisconsin



SOURCE: CH2M HILL RI REPORT

FIGURE 3



Three Hawthorn Parkway
 Vernon Hills, Illinois
 60061

REGIONAL GEOLOGIC CROSS-SECTION
 MOSS-AMERICAN SUPERFUND SITE
 Milwaukee, Wisconsin

APPENDIX A
INFORMATION FROM U.S. EPA



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5
230 SOUTH DEARBORN STREET
CHICAGO, IL 60604

REPLY TO THE ATTENTION OF:

5 HS-11

October 10, 1991

Mr. Bill Nieman
Roy F. Weston, Inc.
Three Hawthorn Parkway, Suite 400
Vernon Hills, Illinois 60061

Dear Mr. Nieman:

Earlier this week you requested a FIT report on the Moss-American Site. It appears that FIT reports were not being done early on in the program (1982-1983). I am sending you what I could find in the file that may be of help. Give me a call if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Betty G. Lavis".

Betty G. Lavis
Project Manager
(312) 886-4784

Enclosure

RECEIVED
OCT 15 1991
ROY F. WESTON
VERNON HILLS, IL

WI-04-06

PHONE CONVERSATION

DATE 5/11/83 TDD # ^{R5} 8304-9
 TIME (3:40 P.M.)
 SITE Moss American - (Kerr-McLee Oil Co.)
 CONTACT Ken Weisner PHONE (608) 266-0014

SUBJECT Talked with Mr. Weisner to confirm the conversation and information given to Kathy Getty concerning the Moss-American site. Mr. Getty had talked to Mr. Weisner on 4/6/83. Mr. Weisner reiterated to me what he told Kathy on 4/6/83 on population served by ground-water wells within a 3-mile radius of the site. He said there is ~ 150 houses with private wells, 1 community well serving ~ 25 to 50 houses, and one municipal well for Monominee Falls (pop. 29,000). He also said there are no wells within a one mile radius of the site. He basically agreed with what Bob Baumister of the Public Water Supply had told Mrs. Getty concerning population and wells used.

In conclusion we have not been able to find any reason to change the HRS score to any significant extent. If there are other factors involved we are not aware of them.

Ken K.

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v



United States Department of the Interior

GEOLOGICAL SURVEY
Water Resources Division
1815 University Avenue
Madison, Wisconsin 53706

December 14, 1977

William Miner
U.S. Environmental Protection Agency
Enforcement Division
230 South Dearborn
Chicago, Illinois 60604

Dear Mr. Miner:

Here is the information you requested. Let me caution you on the use of these water levels to indicate the water table. The depth to which the well was drilled and the pressure on the aquifer which it taps will affect the water level. There are seasonal variations of the order indicated by ML-0231. Further work in defining a water table would require funding.

Also, we cannot be sure the area in question is a recharge or a discharge area. This decision would require a rather detailed study with current data. I hope the information I have provided will be of help to you.

Sincerely yours,

Lee Trotta

Lee C. Trotta
Hydrologic Technician

LCT/bag

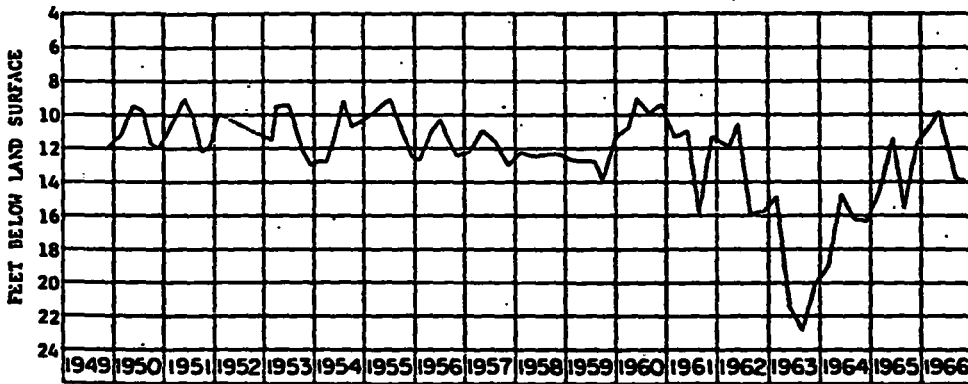
Enclosure



WELL NO.	WATER LEVEL IN FEET BELOW L.S.D.	DATE	WELL NO.	WATER LEVEL IN FEET BELOW L.S.D.	DATE
ML-0231	MONITORED		ML-0386	75.	09/00/19
ML-0183	20.	03/30/1943	"	68.77	12/29/19
ML-0536	60.	07/03/1974	ML-0427	30.	00/00/19
ML-0521	15.	10/20/1971	ML-0337	Flowing	00/00/19
ML-0527	30.	12/20/1972	"	0.	08/01/19
"	38.98	08/01/1974	ML-0381	40.	00/00/195
ML-0262	21.68	06/22/1950	ML-0385	12.	00/00/19
"	27.3	06/07/1974	"	20.	08/01/19
ML-0338	90.	00/00/1955	ML-0154	35.	01/00/19
ML-0420	75.	00/00/1956	ML-0220	70.	07/11/19
"	39.35	12/05/1961	ML-0259	88.52	06/21/19
ML-0439	none				
ML-0265	47.21	06/22/1950			
ML-0519	84.	02/14/1970			
"	74.52	07/30/1974			
ML-0520	50.	09/30/1971			
"	30.29	08/01/1974			
ML-0411	60.	00/00/1956			
ML-0430	54.31	09/04/1968			
ML-0535	38.46	04/09/1974			
"	39.9	07/03/1974			
ML-0003	40.	00/00/1910			
ML-0004	44.95	05/21/1946			
ML-0005	40.	00/00/1913			
ML-0006	40.	00/00/1920			
ML-0143	40.	00/00/1957			
ML-0186	46.	08/00/1945			
ML-0260	44.64	06/21/1950			

WATER LEVELS FOR ML-0231

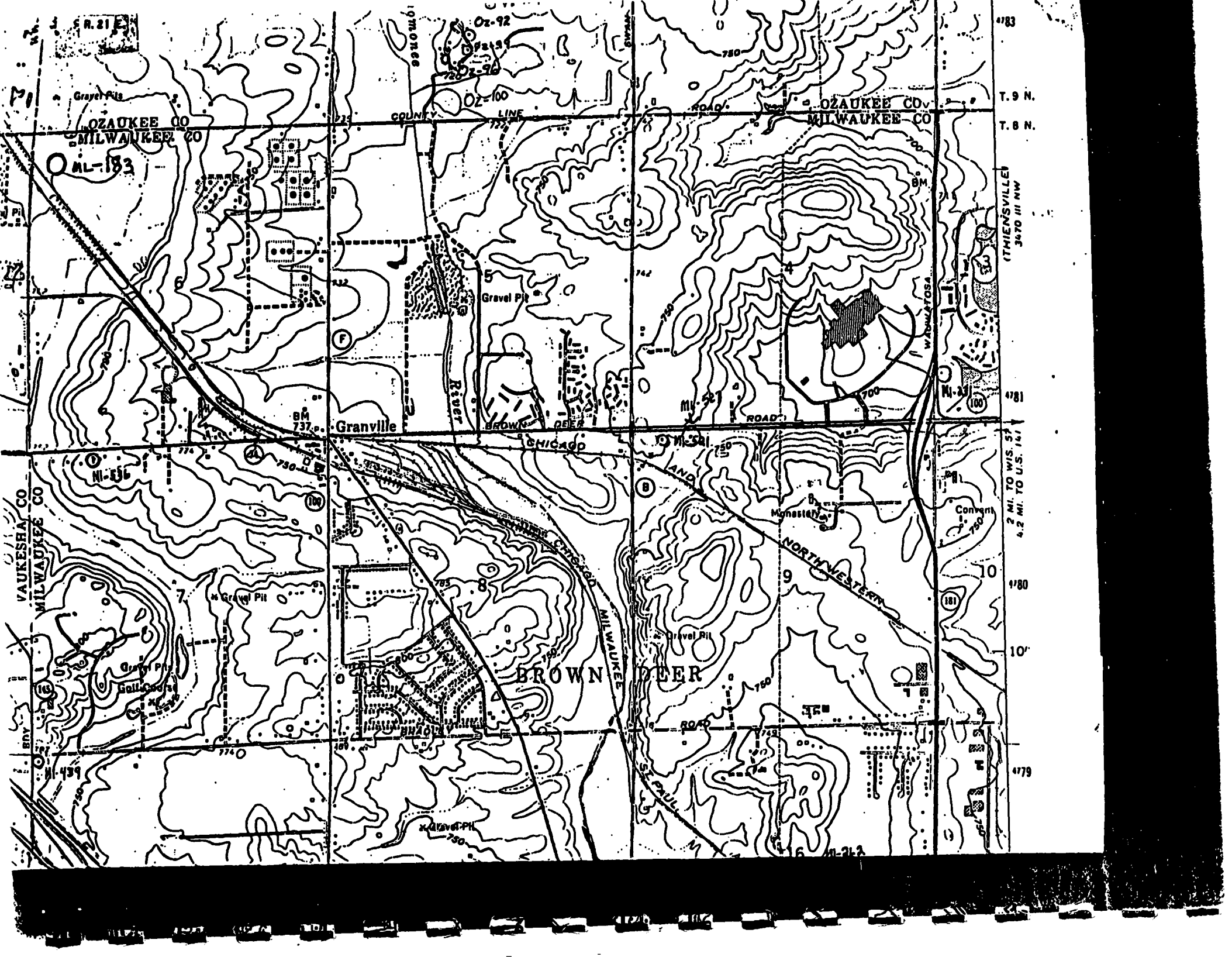
A MONITORED WELL



MILWAUKEE CO., Well-231

MI-8/21/3-231

R. J. Cerletty. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, T. 8 N., R. 21 E. Drilled domestic artesian well in Niagara Dolomite, diam 6 in, depth 80 ft, cased to 58. Led 695 ft above wsl. MP top of casing, 2.50 ft above led. Measured monthly. All plotted.



FR. 21 E.

OZAUKEE CO
MILWAUKEE CO

OZAUKEE CO
MILWAUKEE CO

VAUKESHA CO
MILWAUKEE CO

BROWN DEER

4783
T. 9 N.
T. 8 N.
4781
2 MI. TO WIS. ST.
4.2 MI. TO U.S. 141
4780
10'
4779

THIENSVILLE
3670 III NW

181

180
10

181

APPENDIX B

LIST OF WELLS IN MILWAUKEE

WELLS -- CITY/OF MILWAUKEE -- 1976 - 1978

SED - WA

Sample only

Address	Year (s)	Business or Residential
1004 West Armour Avenue	1976	Residential
9121 West Beloit Road	1977	Residential
10420 West Birch Avenue	1977	Residential
12109 West Bobolink	1978	Residential
8455 West Bradley Road	1977	Residential
8465 West Bradley Road	1977	Residential
8475 West Bradley Road	1977	Residential
11625 West Bradley Road	1976	Residential
627A West Center Street	1976	Residential
350 East College Avenue	1976, 1977, 1978	Business
9231 West County Line Road	1976	Residential
11505 West County Line Road	1978	Residential
6959 West Fond du Lac Avenue	1978	Residential
6321 West Good Hope Road	1976	Business
12111 West Good Hope Road	1977	Residential
12126 West Good Hope Road	1978	Residential
2113 North Humboldt	1977	Business
3221 South Lake Drive	1977	Business
6003 West Leon Terrace	1976	Residential
4528 West Midland Drive	1977	Residential
11812 West Mill Road	1976	Residential
7003 West Morgan Avenue	1976	Residential
9141 West Oklahoma Street	1976, 1977	Business
3350 West Poe	1976	Residential
749 West State Street	1977	Business
9601 North Wasauke Road	1976	Residential

Address	Year (s)	Business or Residential
3803 South Whitnall	1978	Residential
3533 North 27th Street	1976	Business
3774 South 27th Street	1976, 1977	Residential
5956-59-60 North 40th Street	1976	Residential
620 South 44th Street	1976	Business
8423 South 51st Street	1977	Residential
3288 North 52nd Street	1978	Residential
4829 North 53rd Street	1976	Residential
4657 North 56th Street	1977	Residential
4938 North 56th Street	1976	Residential
6427 North 57th Street	1977, 1978	Residential
4930 North 58th Street	1977	Residential
4333 North 62nd Street	1977	Residential
4316 North 63rd Street	1976	Residential
4371 North 64th Street	1977	Residential
4308 North 65th Street	1976	Residential
4849 North 66th Street	1976	Residential
5264 North 68th Street	1976, 1977, 1978	Residential
8635 North 68th Street	1976, 1977	Residential
412 South 73rd Street	1976, 1977	Residential
6122 North 76th Street	1976	Business
8660 North 76th Street	1976, 1977, 1978	Business
8679 North 76th Street	1976, 1977, 1978	Business
6540 North 81st Street	1976	Residential
5031 North 83rd Street	1977	Residential
624 South 84th Street	1978	Business
3619 South 84th Street	1978	Residential
5749 North 84th Street	1976	Residential

Address	Year (s)	Business or Residential
3556 South 85th Street	1978	Residential
9459 North 91st Street	1978	Residential
3741 South 92nd Street	1977	Residential
5900 North 94th Street	1976	Business
5507 North 106th Street	1977	Residential
6181 North 107th Street	1976	Residential
6475 North 107th Street	1976	Residential
6616 North 107th Street	1976	Residential
7008 North 107th Street	1978	Residential
7057 North 107th Street	1976	Residential
7077 North 107th Street	1978	Residential
7482 North 107th Street	1977	Residential
7738 North 107th Street	1976	Residential
6840 North 114th Street	1978	Residential
6767 North 115th Street	1978	Residential
7007 North 115th Street	1976	Business
5845 North 119th Street	1978	Residential
5254 North 124th Street	1976	Business
9182 North 124th Street	1978	Residential

WELLS -- CITY OF MILWAUKEE -- 1971 - 1975

Address	Year(s)	Business or Residential
5727 South 6th Street	1974, 1975	Residential
6045 South 6th Street	1972, 1975	Residential
2361 South 10th Street	1973	Residential
450 South 11th Street	1975	Business
2675A South 19th Street	1973	Residential
6061 South 20th Street	1975	Residential
4822 South 23rd Street	1975	Residential
3774 South 27th Street	1975	Residential
1506 North 34th Street	1973	Residential
2320A North 35th Street	1971	Residential
6075 North 38th Street	1975	Residential
7495 North 38th Street	1971	Residential
2313 North 39th Street	1975	Residential
2872 North 41st Street	1975	Residential
4113 North 41st Street	1973	Residential
4067 North 51st Blvd.	1974, 1973	Residential
4309 North 51st Blvd.	1973	Residential
4379 North 51st Blvd.	1974	Residential
2360 North 52nd Street	1971	Residential
4829 North 53rd Street	1973	Residential
5563 North 54th Street	1975	Residential
3270 South 55th Street	1975	Residential
5114 North 57th Street	1975	Residential
6427 North 57th Street	1973, 1974, 1975	Residential
6666 North 58th Street	1971, 1973	Residential

STREET ADDRESSES (cont.)

Address	Year(s)	Business or Residential
4374 North 62nd Street	1975	Residential
5132 North 63rd Street	1971, 1972	Residential
4346 North 64th Street	1973	Residential
4453 North 64th Street	1975	Residential
3847 North 66th Street	1973	Residential
4833 North 66th Street	1971	Residential
4849 North 66th Street	1973	Residential
645 South 68th Street	1973	Residential
3942 South 68th Street	1974, 1975	Residential
5264 North 68th Street	1973	Residential
5119 North 68th Street	1972	Residential
5264 North 68th Street	1971-1975	Residential
8429 North 68th Street	1973	Residential
2517 South 69th Street	1973	Residential
2562 South 69th Street	1975	Residential
2936 South 70th Street	1972	Residential
6005 North 76th Street	1973	Residential
6972 North 76th Street	1974	Residential
7377 North 76th Street	1975	Business
8560 North 76th Street	1971	Residential
8660 North 76th Street	1971-1975	Business
8679 North 76th Street	1971-1975	Business
7865 North 80th Street	1975	Residential
3941 North 81st Street	1971	Residential
3811 North 83rd Street	1971, 1973, 1975	Residential
5025 North 83rd Street	1971	Residential
5031 North 83rd Street	1972, 1973, 1975	Residential

Address	Year(s)	Business or Residential
5070 North 85th Street	1973	Residential
5681 North 86th Street	1975	Residential
3616 South 89th Street	1971	Residential
8354 North 91st Street	1973	Residential
9555 North 91st Street	1974	Residential
3785 South 92nd Street	1972	Residential
6839 North 99th Street	1975	Residential
6270 North 102nd Street	1974	Residential
6475 North 107th Street	1975	Residential
6700 North 107th Street	1971, 1974	Residential
6755 North 107th Street	1971	Residential
7261 North 107th Street	1971	Residential
7720 North 107th Street	1974	Residential
8039 North 107th Street	1971	Residential
8406 North 107th Street	1974	Residential
8661 North 107th Street	1971	Residential
6134 North 112th Street	1971	Residential
6012 North 114th Street	1972	Residential
6768 North 114th Street	1974	Residential
6800 North 114th Street	1975	Residential
6824 North 114th Street	1973	Residential
6840 North 114th Street	1973	Residential
6160 North 115th Street	1975	Residential
6201 North 115th Street	1975	Residential
7007 North 115th Street	1971	Residential
6339 North 116th Street	1971	Residential
4871 North 119th Street	1971	Residential

Address	Year(s)	Business or Residential
5030 North 124th Street	1973	Business
5050 North 124th Street	1975	Business
5118 North 124th Street	1974	Business
5214 North 124th Street	1972	Residential
6914 North 124th Street	1971	Residential
7010 North 124th Street	1972	Residential
7040 North 124th Street	1971	Residential
7070 North 124th Street	1971, 1972	Residential
7132 North 124th Street	1971	Residential
7150 North 124th Street	1971	Residential

NAME ADDRESSES

10025 West Appleton Avenue	1973	Residential
10927 West Appleton Avenue	1975	Residential
11017 West Appleton Avenue	1971	Residential
11864 West Appleton Avenue	1971	Residential
10005 West Beechwood Avenue	1971	Residential
9121 /West Beloit Road	1971, 1972	Residential
9121B West Beloit Road	1975	Residential
9121C West Beloit Road	1975	Residential
10535 West Bender Road	1972	Residential
10420 West Birch Street	1975	Residential
12015 West Bobolink Avenue	1971	Residential
6804 West Bradley Road	1974	Residential
7720 West Bradley Road	1973	Residential
7912 West Bradley Road	1973	Residential
10001 West Bradley Road	1971	Residential

Address	Year(s)	Business or Residential
11088 West Bradley Road	1971, 1975	Residential
841 North Broadway	1974	Business
841 North Broadway, Rm. 105	1975	Residential
9001 West Brown Deer Road	1973	Business
9101 West Brown Deer Road	1975	Business
11525 West Brown Deer Road	1974	Residential
11606 West Brown Deer Road	1974	Residential
10940 West Calumet Road	1975	Residential
240 East College Avenue	1972	Residential
325 East College Avenue	1972	Residential
350 East College Avenue	1973, 1974, 1975	Business
10603 West County Line Road	1973	Residential
5130 West Courtland Avenue	1971	Residential
4805 West Custer Avenue	1973	Residential
2499 South Delaware Avenue	1975	Residential
2972 North Farwell Avenue	1973	Business
8734A West Fond du Lac Avenue	1973	Residential
9500 West Fond du Lac Avenue	1971	Residential
10301 West Fond du Lac Avenue	1975	Residential
10955 West Fond du Lac Avenue	1974	Residential
5235 West Good Hope Road	1975	Residential
12111 West Good Hope Road	1971	Residential
12211 West Good Hope Road	1971	Residential
8758 North Granville Road	1971	Residential
4222 South Howell Avenue	1972	Residential
4229 West Howard Avenue	1972	Residential
8100 West Howard Avenue	1971	Residential

Address	Year(s)	Business or Residential
3375 South Illinois Avenue	1974	Residential
1206 West Layton Avenue	1972	Residential
1233 West Layton Avenue	1973	Residential
10106 West Leon Terrace	1973	Residential
7823 West Lolita Avenue	1973	Residential
1712 West Mallory Avenue	1974	Residential
6730 West Mill Road	1973	Residential
8426 West Mill Road	1973	Residential
9322 West Mill Road	1974	Residential
10800 West Mill Road	1972	Residential
11202 West Mill Road	1972, 1974, 1975	Residential
7737 West Morgan Avenue	1974	Residential
9141 West Oklahoma Avenue	1971-1975	Business
3350 West Poe Street	1971, 1973	Residential
3942 South Quincy Avenue	1975	Residential
4430 South Quincy Avenue	1971	Residential
7855 North Range Line Road	1973	Residential
2620 West Rogers	1972	Business
6976 North Scranton Court	1971	Residential
6979 North Scranton Court	1974	Residential
4041 North Sherman Blvd.	1975	Residential
2036 West Silver Spring Drive	1971	Residential
3904 West Silver Spring Drive	1975	Residential
11800 West Silver Spring Drive	1972	Residential
6816 North Tacoma	1975	Residential
9138 West Thurston Avenue	1975	Residential
8600 West Tupelo Avenue	1972	Residential

Address	Year(s)	Business or Residential
10000 West Vera Street	1975	Residential
7803 West Villard Avenue	1975	Residential
8203 West Villard Avenue	1974	Residential
9601 Wasaukee Road	1975	Residential
W124 N9160 Wasaukee Road	1974	Residential
4105 South Whitnall Avenue	1975	Residential
150 West Wilbur Avenue	1973	Residential

INDUSTRIAL WELLS

Sample date

Address	Year(s)	Name of Company
1936 South Allis Street	1949	Ready-Crete Co.
7458 West Appleton Avenue	1956	Blue & White Motel
7467 West Appleton Avenue	1956	Plater's A & W Drive-In
7520 West Appleton Avenue	1956	Seitz's Drive-In
7551 West Appleton Avenue	1956	The Old School House Tavern
7681 West Appleton Avenue	1956	Kunz Farms Country Store
7730 West Appleton Avenue	1956	Milwaukee Motel
7920 West Appleton Avenue	1956	George's Wayside Club
7964 West Appleton Avenue	1956	Shady Tree Tap
8124 West Appleton Avenue	1956	Ernst Locker Plant
8263 West Appleton Avenue	1956	Tumble Weed Tap
8339 West Appleton Avenue	1956	Sketch Bar
8573 West Appleton Avenue	1956	Klieforth's Tavern
8837 West Appleton Avenue	1956	Lutz Grocery
9305 West Appleton Avenue	1956	Skelly's Sky Room
9316 West Appleton Avenue	1956	Turck's Food Market
9404 West Appleton Avenue	1956	Hild's Landing
9717 West Appleton Avenue	1956	Port Motel
9823 West Appleton Avenue	1956	Hedl's Recreation
10201 West Appleton Avenue	1956	Lynx Motel
10433 West Appleton Avenue	1956	Blue Spruce Bar
10515 West Appleton Avenue	1956	Sun Down Motel
10529 West Appleton Avenue	1956	Hillside Grocery
2100 South Bay Street	1948	Wrought Washer Company
147 East Becher Street	1948	The Filer & Stowell Company

Address	Year(s)	Name of Company
3726 North Booth Street	1949	Milwaukee Gas Specialty Company
1120 North Broadway	1949	Blatz Brewing Company
7506 West Brown Deer Road	1956	Dew Drop Inn
7507 West Brown Deer Road	1956	Piehl's Grocery
4632 West Burleigh Street	1949	Sherman Theatre Building
6400 West Burleigh Street	1949	Wanderer's Rest Cemetery
6921 West Burleigh Street	1949	H. Schwebke and Son
3235 West Burnham Street	1949	W. J. McMullen, Inc.
3839 West Burnham Street (Three Wells)	1948	Globe Steel Tubes Company
4200 West Burnham Street (new)	1948	Charles A. Krause Milling Company
4200 West Burnham Street (old)	1948	Charles A. Krause Milling Company
X 1901 West Canal Street <i>Abandoned</i>	1949	Donner Packing Company <i>Peck Meat Pack 1915 W. Canal</i>
3001 West Canal Street	1949	Falk Corporation
505 East Capitol Drive	1952	Luick Ice Cream Company
2817 West Carmen Avenue	1952	Copy Plus, Inc.
6577 North Cedarburg Road	1956	Golden Dip Custard Stand & Restaurant
5000 West Chambers Street	1949	St. Joseph's Hospital
3073 South Chase Street	1948	Nordberg Mfg. Company
3571 South Chase Street	1948	Rossman Florists
1776 North Commerce Street	1949	Albert Trostel and Sons Company
2499 South Delaware Avenue	1949	Bay View Sheet Metal Works
2013 East Fernwood Avenue	1949	Milwaukee Face Brick Company
344 East Florida Street	1948	Wisconsin Cold Storage Company
6222 West Fond du Lac Avenue	1956	Mille's Michaelangelo Italian Restaurant
6246 West Fond du Lac Avenue	1956	The Scoop

Address	Year(s)	Name of Company
6449 West Fond du Lac Avenue	1956	Sherman Gardens Hotel & Bar
6535 West Fond du Lac Avenue	1956	Wisconsin Dairy Products Company
6620-26 West Fond du Lac Avenue	1956	Pearson Drug - Runte Bakery
6652 West Fond du Lac Avenue	1956	Hass Bar & Restaurant
6854 West Fond du Lac Avenue	1956	Webb's A & W
7368 West Fond du Lac Avenue	1956	The Escape
7601 West Fond du Lac Avenue	1956	Gilbert's Five Mile House
8216 West Fond du Lac Avenue	1956	Steininger's Fonda Spring Tavern
9041 West Fond du Lac Avenue	1956	Three "E" Tap
9060 West Fond du Lac Avenue	1956	Cascade Tavern
9101 West Fond du Lac Avenue	1956	Fonda Grocery
10142 West Fond du Lac Avenue	1956	Eddie's Beer Depot
11150 West Fond du Lac Avenue	1956	Martin's Drive Inn
2405 West Forest Home Avenue (Four Wells)	1948	Forest Home Cemetery
3305 West Forest Home Avenue	1948	Universal-Rundle Corporation
3888 North Fratney	1953	Norco Plastics, Inc.
235 West Galena Street (Four Wells)	1949	Joseph Schlitz Brewing Company
2415 West Garfield Avenue	1949	Peerless Products Company
3608 West Good Hope Road	1956	Good Hope Food
4056 West Good Hope Road	1956	19th Hole Tavern
7717 West Good Hope Road	1956	Granville Town Hall
8741 North Granville Road	1956	Stein's Tavern
8762 North Granville Road	1956	Breitzel's Tap
4430 North Green Bay Avenue	1949	Lorence Mfg. Company

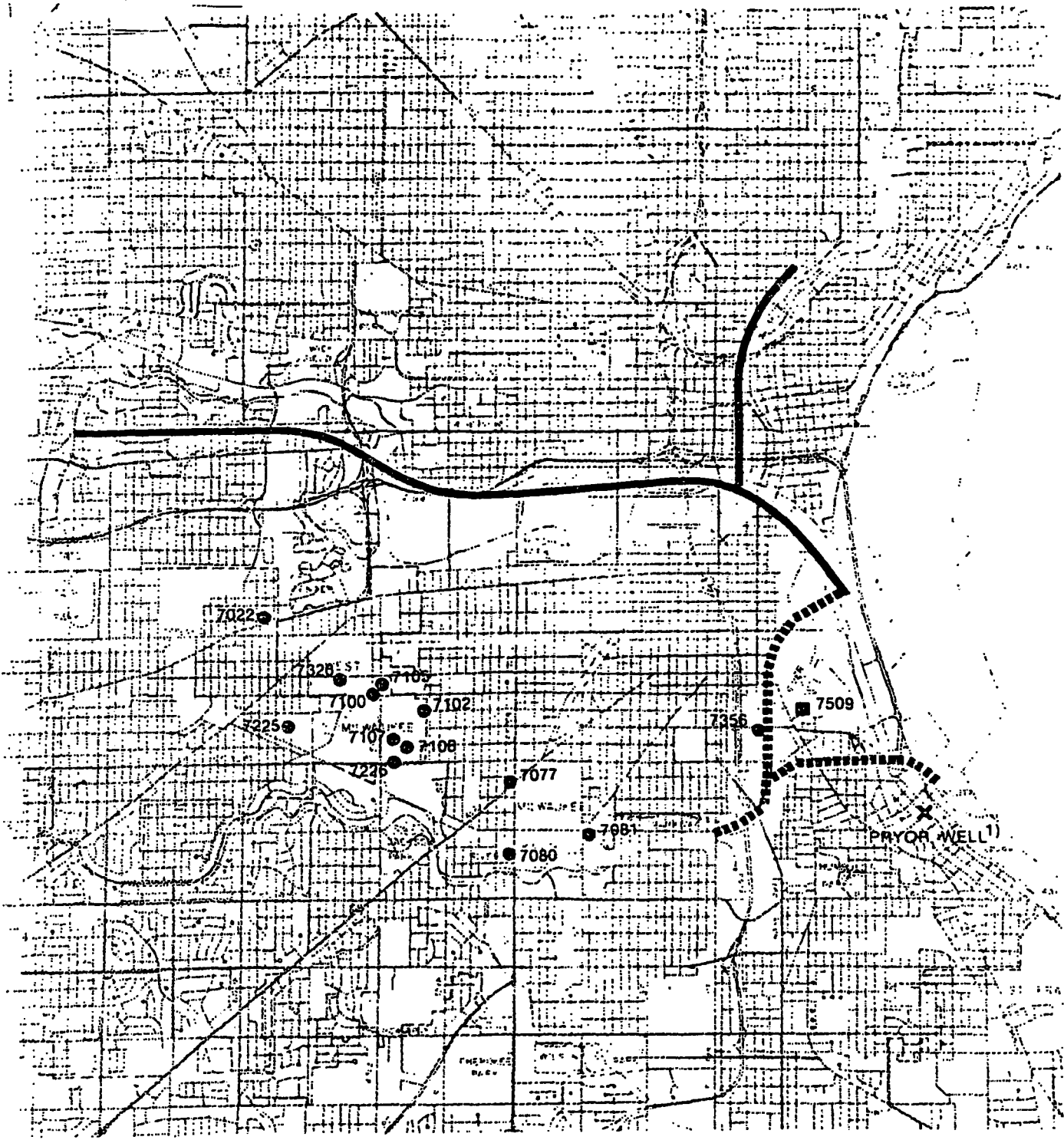
Address	Year(s)	Name of Company
4902 North Green Bay Avenue	1949	Johannes Greenhouses
311 East Greenfield Avenue	1948	Milwaukee Solvay Coke Company
5321 West Green Tree Road	1956	Romitti's Tavern
? 2615 West Greves Street ? <i>out of business?</i>	1949	National Cylinder Gas Company
1755-1801 West Hampton Avenue	1949	Siegman's Greenhouses
6816 West Hampton Avenue	1956	Fonda Pharmacy
7429 West Hampton Avenue	1956	Simon's Bungalow Tavern
7504 West Hampton Avenue	1956	Kraus Red Bell Market
7601 West Hampton Avenue	1956	Tony's Beer Depot
2512 East Hartford Avenue	1949	Milwaukee Downer College
1950 South Hilbert Street (Bldg. #10)	1949	P & V Atlas Industrial Center
4098 North Holton Street	1949	Concrete Specialty Company
3003 West Hopkins Street	1949	Werner G. Smith Div., -Archer-Daniels-Midland Company
614 East Howard	1948	Woodlawn Cemetery
2113 North Humboldt Avenue	1949	Weisel and Company
917 West Juneau Avenue (Three Abandoned Wells)	1949	Pabst Brewing Co.
326 East Keefe Avenue	1948	Cleaver Brooks Company
2800 North Lake Drive	--	Milwaukee County Park Bd. (Lake Pk.)
? 3460 West Leeds <i>no listing - out of business?</i>	1949	Pate Oil Company
2900 North Menominee River Drive	1949	Mount Mary College
714 West Michigan Street	1949	Line Material Company
4809 West Mill Road	1956	Twin-Mill Inn
5132 West Mill Road	1956	Jake's Mill Road Service
1000 West Mitchell Street	1948	F. W. Woolworth Company

Address	Year(s)	Name of Company
121 South Muskego Avenue	1949	Armour and Company
230 South Muskego Avenue (new)	1949	Plankinton Packing Company
230 South Muskego Avenue (old)	1949	Plankinton Packing Company
308 West North Avenue	1949	Third & North Building (Rosenbergs)
1609 East North Avenue	1949	Dairy Lane Dairy, Inc.
5600 West North Avenue	1949	Gross Heating, Inc.
445 West Oklahoma Avenue	1948	Heil Corporation
1532 East Oklahoma Avenue	1948	Milwaukee Forge & Machine Company
2005 West Oklahoma Avenue (Two Wells)	1948	L. J. Mueller Furnace Company
X 235 East Pittsburg	1948	^{Trans Pak} Pittsburg Plate Glass Company abandoned
Plankinton & State	1949	None
Silver Spring & North Sherman	--	McGovern Park
7400 West Silver Spring	1956	7400 Tap
7432 West Silver Spring	1956	Miller's Delicatessen
7510 West Silver Spring	1956	Steiner's Super Market
9028 West Silver Spring	1956	Silver Swan Skating Rink
9910 West Silver Spring	1956	Silver Spur Drive-In
333 West State Street	1949	The Journal Company
4002 West State Street (Two Wells)	1949	Miller Brewing Company
X 4400 West State Street <i>out of Business</i> (Two Wells)	1949	A. Gettelman Brewing Company
5042 West State Street <i>out of business?</i>	1949	Clover Lane Dairy Co-op.
7586 North Teutonia Avenue	1956	Em's Pine Manor
1514 East Thomas Street	1949	Hummel & Downing Company
513 West Traser Street	1949	Marlan Investment Company

Address	Year(s)	Name of Company
3610 West Villard Avenue	1949	Ritz Theatre
7420 West Villard Avenue	1956	Papenthein's Delicatessen
313 South Water Street (Two Wells)	1948	Zinn Malting Company
1531 North Water Street	1949	P & V Tannery
1818 North Water Street	1949	A. F. Gallun and Sons Corporation
135 West Wells Street	1949	Brumder Building
161 West Wisconsin Avenue	1948	Plankinton Arcade (Plankinton Bldg. Co.)
301 West Wisconsin Avenue	1948	F. W. Woolworth Company
→331 West Wisconsin Avenue	1948	Boston Store
811 East Wisconsin Avenue	1949	Eugene's Juneau Hotel Company
910 East Wisconsin Avenue	1949	Elks Club
915 West Wisconsin Avenue	1949	YMCA Downtown Extension
1324 West Wisconsin Avenue	1948	Varsity Theatre Building (Varsity Bldg. Company)
2401 West Wisconsin Avenue <i>Temp. Inactive</i>	1949	Eagles Clubhouse <i>Cooling water line</i>
X 2601 West Wisconsin Avenue <i>Apparently abandoned</i>	1949	Veterans Administration <i>2611 W. Wisconsin Maverick owned was building 341 - 7000 Ted - 6/10/50</i>
1320 South 1st Street	1948	Grede Foundries Inc.-Smith Steel Div.
1748 North 1st Street	--	Marylin Shoe Company
1952 South 1st Street	1949	Max Resnick
617 North 2nd Street	--	A. J. Farnham Company, Inc.
605 North 3rd Street	--	Medford Hotel
1830 South 3rd Street	1948	Wisconsin Leather Company
3832 North 3rd Street	1949	Downing Box Company
1306 North 4th Street	--	Borden Cold Storage & Ice Cream

Address	Year(s)	Name of Company
2822 North 5th Street	1949	Nunn-Bush Shoe Company
1015 North 6th Street	1949	Milwaukee Vocational School
620 North 8th Street	1948	Borden Company-Gridley Division
409 South 9th Street	1949	Schneider Fuel & Supply Company
2934 South 9th Street	1948	Blochowiak Dairy
X 470 South 11th Street <i>municipal water</i>	1949	Huren Portland Cement Company
? 471 South 11th Street <i>no listing</i>	1949	Manitowoc Portland Cement Company
? 260 North 12th Street <i>no listing</i>	1949	Center Street Fuel Company
? 270 North 12th Street <i>no listing</i>	1949	National Enamel and Stamping Co.
X 315 North 12th Street <i>reportedly abandoned</i>	1949	Cutler-Hammer Inc. Allied Insulation
2042 North 12th Street	1949	Schwaben Hof
2701 South 13th Street	1948	Independent Milwaukee Brewery
3700 South 13th Street	1948	St. Adalberts Cemetery
2754 South 19th Street	--	Superior Steel Products Company
2850 South 20th Street (Two Wells)	1948	Crucible Steel Casting Corporation
3019 South 20th Street	1948	Cutler-Hammer Inc. Foundry Division
X 123 North 27th Street <i>no well, city water</i>	1949	Thiele Tanning Company
325 North 27th Street (Three Wells)	1949	Red Star Yeast & Products Company
757 North 27th Street	1949	Tower Theatre Building <i>(acquired by ... hold)</i>
? 838 North 27th Street	1949	Benzinger Building (Central Lanes)
1545 South 27th Street	1948	Sacred Heart Sanitarium (St. Joseph's Convent)
2856 South 27th Street	1948	Maynard Electric Steel Company
3324 South 27th Street	1949	Palomar Rink
3533 North 27th Street (Two Wells)	1949	A. O. Smith Corporation

Address	Year(s)	Name of Company
7 639 South 29th Street	1949	The Riebs Company - (S. K. Williams Co.) 741 N. Milwaukee 276-0336
2206 North 30th Street	1949	Golden Guernsey Dairy Co-op.
2328 North 31st Street	1949	S. K. Williams Company
4763 North 32nd Street (Two Wells)	1949	Greenebaum Tanning Company-Plant #2
1745 South 38th Street	1949	Ampco Metal, Inc.
7130 North 43rd Street	1956	Hogerts Grocery
7141 North 43rd Street	1956	Kehls Grocery
657 South 72nd Street	1949	Motor Casting Company
4220 North 76th Street	1956	Dick's Beer & Liquor Mart
4730 North 76th Street	1956	Hermes Tavern
5250 North 76th Street	1956	Palmer's Frozen Custard
5620 North 76th Street	1956	Crooked Lantern Tavern
7177 North 76th Street	1956	Kuphal's Tavern
7178 North 76th Street	1956	Emory's Food Market
8660 North 107th Street	1956	Thielmann's Tap
8687 North 107th Street	1956	O. R. Pieper Company
8775 North 107th Street	1956	Crossroads Inn
4940 North 115th Street	1956	Fireburger Food
5911 North 115th Street	1956	100 Motel
7171 North 115th Street	1956	Haberman's Tap
4250 North 124th Street	--	Trackson Company



- LEGEND**
- WELLS OPEN TO BOTH THE SILURIAN AND SANDSTONE AQUIFERS (DUAL AQUIFER WELLS)
 - WELLS OPEN TO THE SILURIAN AQUIFER
 - INLINE TUNNEL ALIGNMENT
 - ▬▬▬▬▬ KINNICKINNIC AND LAKE MICHIGAN TUNNEL ALIGNMENT

Source: Table 8-16 I.S.F.P. I30P11.S0123

Local mineral water well on East Pryor Ave. west of South Superior Street.

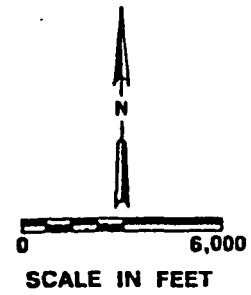


FIGURE 4-6-21
ACTIVE HIGH CAPACITY WELLS
IN THE KK/LM BASINS
 CSO - AFP



ID # 1)	Operator	Total Depth (ft)	Aquifer		Pumpage 2)		Water Use
			Prime	Other	Daily (MG)	Yearly (MG)	
7022	Allis-Chalmers ³⁾	1,690	Sandstone	Dolomite	0.37	88	Drinking water, cooling
7077	Forest Home Cemetary	1,852	Sandstone	Dolomite	—	3	Irrigation (May-October)
7080	Maynard Steel Casting Company	1,727	Sandstone	Dolomite	0.12	28	Cooling
7081	Crucible Steel Casting Company	Unknown	Sandstone	Dolomite	0.76	181	Cooling
7100	Krause Milling Company	1,800	Sandstone	Dolomite	0.16	37	Food process (washing corn)
7102	Babcock and Wilcox Company, Tubular Products Division	1,780	Sandstone	Dolomite	0.83	199	Process
7105	Kurth Malting Corp ³⁾	1,766	Sandstone	Dolomite	0.14	33	Food process (malting); cooling
7106	Froedtert Malt Corp	1,800	Sandstone	Dolomite	0.42	100	Food process (malting); cooling
7107	Froedtert Malt Corp	1,780	Sandstone	Dolomite	0.42	100	Food process (malting); cooling
7225	Wehr Steel Company - Division of Wehr Corp	1,701	Sandstone	Dolomite	0.32	77	Cooling; minor amount for process
7226	Froedtert Malt Corp	1,750	Sandstone	Dolomite	1.06	254	Food process (malting), cooling
7326	Kurth Malting Corp ³⁾	1,755	Sandstone	Dolomite	0.16	38	Food process (malting); cooling
7356	Filer and Stowell Company	1,450	Sandstone	Dolomite	0.01	2	Cooling
7509	Polycon Industries, Inc	300	Dolomite	None	0.17	40	Cooling

1) ID numbers correspond to numbers in Figure 4-6-21.

2) Pumpages shown were obtained from monthly reports submitted to the DNR or through telephone interviews with the operators. Daily values shown assume 20 working days/month.

3) On or near basin boundary.

TABLE 4-6-24
ACTIVE HIGH CAPACITY
WELLS IN THE KK/LM BASINS
CSO - AFP



APPENDIX C

WELL CONSTRUCTOR'S REPORTS

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH
See Instructions on Reverse Side

1. County Milwaukee } Town
 } Village Granville
 } City Check one and give name

2. Location 10515 W. Appleton Ave.
 Name of street and number of premise or Section, Town and Range numbers

3. Owner or Agent Elmer Euer
 Name of individual, partnership or firm

4. Mail Address 10515 W. Appleton Ave. Milwaukee Wis.
 Complete address required

5. From well to nearest: Building 16 ft; sewer ft; drain 50 ft; septic tank 65 ft;
 dry well or filter bed 65 ft; abandoned well ft.

6. Well is intended to supply water for: Home & Motel

7. DRILLHOLE:

Dis. (in.)	From (ft.)	To (ft.)	Dis. (in.)	From (ft.)	To (ft.)

8. CASING AND LINER PIPE OR CURBING:

Dis. (in.)	Kind and Weight	From (ft.)	To (ft.)
<u>6</u>	<u>Standard Weight</u>	<u>0</u>	<u>45</u>

9. GROUT:

Kind	From (ft.)	To (ft.)
<u>clay</u>	<u>0</u>	<u>25</u>

11. MISCELLANEOUS DATA:

Yield test: 10 Hrs. at 9 GPM.
 Depth from surface to water-level: 25 ft.
 Water-level when pumping: 40 ft.
 Water sample was sent to the state laboratory at:
Kenosha on 26 1952
 City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
<u>Clay</u>	<u>0</u>	<u>30</u>
<u>clay & gravel</u>	<u>30</u>	<u>45</u>
<u>limestone</u>	<u>45</u>	<u>76</u>

Construction of the well was completed on:
Oct 25 1952

The well is terminated 6 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes No

Was the well sealed watertight upon completion?
 Yes No

Signature A. G. EDDY
 Registered Well Driller

10249 W. Appleton Ave. Milwaukee Wis.
 Complete Mail Address

Please do not write in space below

Rec'd 10-28-52 No. 17619
 Ans'd 10-30-52
 Interpretation Safe

	10 ml	10 ml	10 ml	10 ml	10 ml
Gas—24 hrs.	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
48 hrs.	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Confirm					
B. Coli					

Examiner [Signature]

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee } Town
Village Granville
City Check one and give name

2. Location 8431 north Granville Road
Name of street and number of premise or Section, Town and Range numbers

3. Owner or Agent Leslie Kuebel
Name of individual, partnership or firm

4. Mail Address 8431 north Granville Road Milwaukee
Complete address required

5. From well to nearest: Building 15 ft; sewer 30 ft; drain 15 ft; septic tank 50 ft;
dry well or filter bed 60 ft; abandoned well None ft.

6. Well is intended to supply water for: Residence

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	25			
6	25	163			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	standard weight	0	159
	steel pipe		

9. GROUT:

Kind	From (ft.)	To (ft.)
Puddled clay	0	25

11. MISCELLANEOUS DATA:

Yield test: flowing well Hrs. at 15 → GPM.
over the top
Depth from surface to water-level: _____ ft.
Water-level when pumping: _____ ft.
Water sample was sent to the state laboratory at:
Madison on Aug 20 1953
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
stone clay	0	25
Blue clay	25	25
sandy clay	65	100
hardpan	100	140
Gravel	140	157
top rock	157	159
lime rock	159	163

Construction of the well was completed on:
Aug 18 1953

The well is terminated 2 ft inches
 above, below the permanent ground surface.

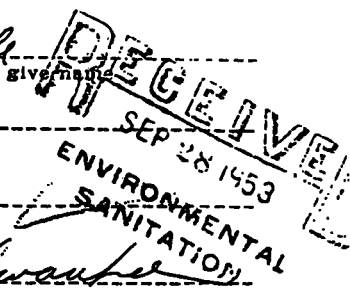
Was the well disinfected upon completion?
Yes No _____

Was the well sealed watertight upon completion?
Yes No _____

Signature Emil H. Guesche 1883 N. Green Bay Ave Milwaukee
Registered Well Driller Complete Mail Address

Rec'd _____ No. _____
Ans'd _____
Interpretation _____

10 ml 10 ml 10 ml 10 ml 10 ml
Gas—24 hrs. _____
48 hrs. _____
Confirm _____
B. Coli _____
Examiner _____



WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee Town Village City Milwaukee
Check one and give name:

2. Location 9229 W. Mill Rd NENE NE Sec 29 T8N R21E
Name of street and number of premise or Section, Town and Range numbers

3. Owner or Agent Richard T. Bloss
Name of individual, partnership or firm

4. Mail Address 9229 W. Mill Rd Milwaukee 18 Wis.
Complete address required

5. From well to nearest: Building 4 ft; sewer unknown ft; drain unknown ft; septic tank unknown ft;
dry well or filter bed unknown ft; abandoned well unknown ft.

6. Well is intended to supply water for: home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
5	0	108			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
5	blk. std	unknown	

9. GROUT:

Kind	From (ft.)	To (ft.)

11. MISCELLANEOUS DATA:

Yield test: 10 Hrs. at 7 GPM.
Depth from surface to water-level: 65 ft.
Water-level when pumping: 86 ft.
Water sample was sent to the state laboratory at:
Madison on 12/9 19 57
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
old well		70
limestone		
cleaned out to		96
limestone	12	108

RECEIVED

DEC 17 1957

ENVIRONMENTAL
SANITATION

Construction of the well was completed on:
dec. 9 19 57

The well is terminated 48 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
Yes No

Was the well sealed watertight upon completion?
Yes No

Signature Garber & Son B.G. Garber 5807 W. Hampton Rd Milwaukee 18
Registered Well Driller. Complete Mail Address

Rec'd: DEC 10 1957 No. 40810

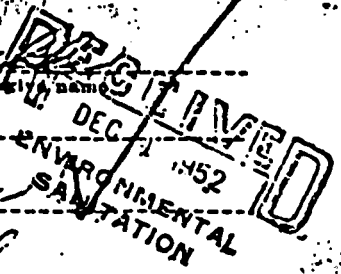
Ans'd SAFE
Interpretation _____

10 ml 10 ml 10 ml 10 ml 10 ml
Gas—24 hrs. _____
48 hrs. _____
Confirm _____
B. Coli _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Waukesha Town Waukesha
 WENESSETT EN 21E Village
 City Check one and only name
2. Location 7301 W. Brown Deer Rd.
 Name of street and number of premise or Section, Town and Range numbers
3. Owner or Agent Marlene Schwalbe
 Name of individual, partnership or firm
4. Mail Address 9301 W. Brown Deer Rd.
 Complete address required
5. From well to nearest: Building 10 ft; sewer _____ ft; drain _____ ft; septic tank 50 ft;
 dry well or filter bed _____ ft; abandoned well _____ ft.



6. Well is intended to supply water for: H. home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	20			
6	0	146			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Steel	0	107

9. GROUT:

Kind	From (ft.)	To (ft.)
Buddley clay	0	20

11. MISCELLANEOUS DATA:

Yield test: 4 Hrs. at 17 GPM.
 Depth from surface to water-level: 35 ft.
 Water-level when pumping: 60 ft.
 Water sample was sent to the state laboratory at:
Madison on Nov 26 1952
 City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Top Soil	0	3
Yellow clay	3	21
Blue " "	21	55
Sand	55	90
Stratified clay	90	107
Limerock	107	146

Construction of the well was completed on:

Nov. 25 1952

The well is terminated 8 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes No

Was the well sealed watertight upon completion?
 Yes No

Signature E. H. Hanson 5714 W. Villard Ave. Mil 14 Wis.
 Registered Well Driller Complete Mail Address

Rec'd 2 1952 No. 22138

Ans'd _____

Interpretation Safe

10 ml 10 ml 10 ml 10 ml 10 ml

Gas -24 hrs. 00000

48 hrs. 00000

Confirm _____

B. Coli 00000

Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

OCT 9 1947

1. County Milwaukee Granville
 2. Location 8741-North-Granville Road Milwaukee
 3. Owner or Agent Harvey Froemming
 4. Address 8741-North-Granville Road
 5. From well to nearest: Building 13 ft; sewer 35 ft; drain 15 ft; septic tank 80 ft; dry well or filter bed none ft; abandoned well none ft.
 6. Well is intended to supply water for Private house use and Tavern

7. DRILLHOLE OR EXCAVATION:

Dia. (in.)	From (ft.)	To (ft.)
10	0	25
6	25	99

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind	From (ft.)	To (ft.)
6	Steel pipe	0	80

9. GROUT:

Kind	From (ft.)	To (ft.)
Puddled clay	0	25

11. MISCELLANEOUS DATA:

Yield test: 5 Hrs. at 12 GPM.
 Depth from surface to water: 20 ft.
 Water-level when pumping: 20 ft.
 Water sample sent to laboratory at
Kenosha on July 7, 1947

Signature Emil H. Goepfer
 Registered Well Driller

10. FORMATIONS:

Kind	Thickness (ft.)	Total Depth (ft.)
Top soil and red clay	0	12
Gravel	12	25
Blue clay	25	70
Hardpan	70	78
Top rock	78	80
Lime rock	80	99

Construction of the well was completed on July 3, 1947

The well is terminated 8 inches (above) (below) the permanent grade.

Was the well disinfected upon completion?
 Yes No

Was the well sealed watertight upon completion?
 Yes No

6993-North- Green Bay Road
 Complete Mailing Address
Milwaukee (9) Wisconsin.

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee Town Village City Milwaukee
Check one and give name
2. Location 9229 W. Mill Rd [NENEVE SEC 29 TSN R21E]
Name of street and number of premise or Section, Town and Range numbers
3. Owner or Agent Richard T. Bloss
Name of individual, partnership or firm
4. Mail Address 9229 W. Mill Rd Milwaukee 18 Wis.
Complete address required
5. From well to nearest: Building 4 ft; sewer unknown ft; drain unknown ft; septic tank unknown ft;
 dry well or filter bed unknown ft; abandoned well unknown ft
6. Well is intended to supply water for: home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
5	0	108			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
5	blk. std	unknown	

9. GROUT:

Kind	From (ft.)	To (ft.)

11. MISCELLANEOUS DATA:

Yield test: 10 Hrs. at 7 GPM.
 Depth from surface to water-level: 65 ft.
 Water-level when pumping: 80 ft.
 Water sample was sent to the state laboratory at:
Madison on 12/3 19 57
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
old well		70
XXXXXXXXXXXX		
cleaned out to		96
limestone	12	108

RECEIVED
 DEC 17 1957
 ENVIRONMENTAL
 SANITATION

Construction of the well was completed on:

dec. 9 19 57

The well is terminated 48 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes No

Was the well sealed watertight upon completion?
 Yes No

Signature Garber & Son B.G. Garber
 Registered Well Driller

5807 W. Hampton Rd Milwaukee 18
 Complete Mail Address

Rec'd DEC 10 1957 No. 40810

Ans'd _____
 Interpretation _____

10 ml 10 ml 10 ml 10 ml 10 ml

Gas—24 hrs. _____
 48 hrs. _____
 Confirm _____
 B. Coll _____
 Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

SWIENWSol 74T BN R21E

1. County Milwaukee Town Brunswick
 Village
 City Check one and give name
2. Location 6270 No. 102 St.
 Name of street and number of premise or Section, Town and Range numbers
3. Owner or Agent Arthur Olson
 Name of individual, partnership or firm
4. Mail Address 6270 No. 102 St.
 Complete address required
5. From well to nearest: Building 15 ft; sewer _____ ft; drain _____ ft; septic tank 20 ft;
 dry well or filter bed _____ ft; abandoned well _____ ft
6. Well is intended to supply water for: Home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	40			
6	0	100			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Steel	0	40

9. GROUT:

Kind	From (ft.)	To (ft.)
Buddled clay	0	20
Cement	20	40

11. MISCELLANEOUS DATA:

Yield test: 3 Hrs. at 10 GPM.
 Depth from surface to water-level: 8 ft.
 Water-level when pumping: 40 ft.
 Water sample was sent to the state laboratory at:
Madison on July 28 1954
 City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Top soil	0	3
Stoney clay	3	10
Gravel	10	18
Finerock	18	100

Construction of the well was completed on:

July 28 1954

The well is terminated 8 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?

Yes No _____

Was the well sealed watertight upon completion?

Yes No _____

Signature

Ed. Franz 5214 W. Villard Mil. 14, Wis.
 Registered Well Driller Complete Mail Address

Please do not write in space below

Rec'd

JUL 30 1954

No 22018

10 ml 10 ml 10 ml 10 ml 10 ml

Ans'd

Gas—24 hrs. 0

Interpretation

48 hrs. 0

SAFE

Confirm _____

B. Coll. 0

Examiner _____

WELL CONSTRUCTION REPORT
WISCONSIN STATE BOARD OF HEALTH
WELL CONSTRUCTION DIVISION

JAN 13 1942

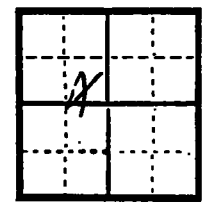
Note: Section 31 of the Wisconsin Well Construction Code, having the force and effect of law, provides that within thirty days after completion of every well the driller shall submit a report covering all essential details of construction to the State Board of Health on a form provided by the Board.

Owner Harry Jeske Driller J. W. Aker
 Street or RFD 107 1/2 Paradise Lane Post Office 5214 Villard Ave.
 Post Office Milwaukee Date June 1-1941 Permit No. 364

NW 1/4 Sec 29 18N R21E LOCATION OF PREMISES

Milwaukee County Granville Town

The square below represents a section of land divided into 40 acre tracts. Mark the position of the premises in the section.

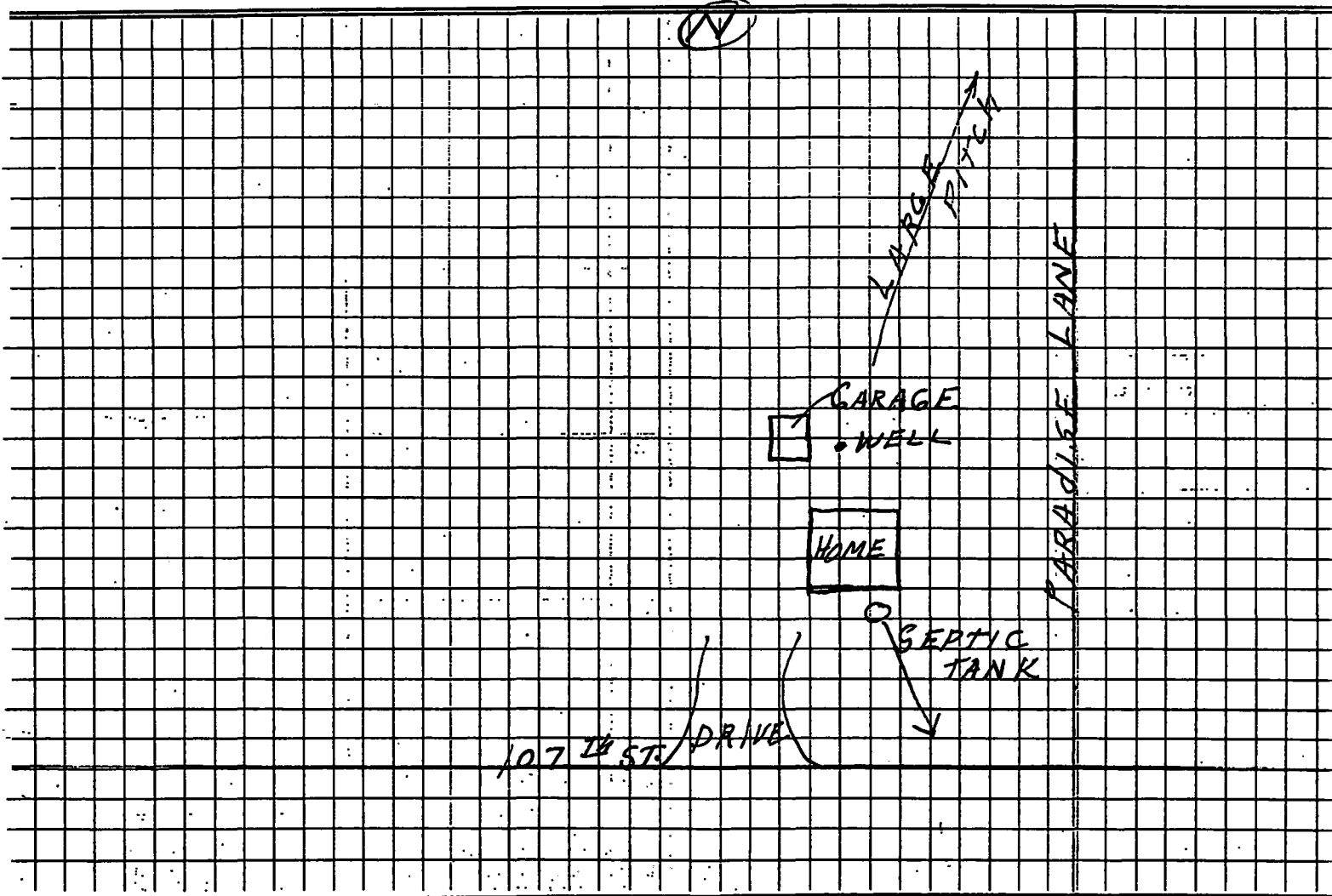


Sec. No. 29
 Twp. No. 18N
 Range 21 { E/W

Describe further by subdivision, plat, district, lake, lot,
 block, nearest principal highway, etc., whichever apply.
About 6200 N. 107 St

DIAGRAM OF PREMISES

See Well Construction Report bulletin. In making the diagram in the space below consider 10 ft. as the distance between lines. Be sure to indicate NORTH.



WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH
See Instructions on Reverse Side

FEB 28 1946

1. County Wisconsin { Town Wauwatosa
Village _____
City _____
2. Location Mil, Wis.
3. Owner or Agent John C. Forbicek
4. Address Bobolink & Hi - 41 → NW SW Sec 29 T8N R21E
5. From well to nearest: Building 15 ft; sewer 25 ft; drain 35 ft; septic tank _____ ft;
dry well or filter bed _____ ft; abandoned well _____ ft.
6. Well is intended to supply water for: Home

7. DRILLHOLE OR EXCAVATION:

Dia. (in.)	From (ft.)	To (ft.)
<u>10</u>	<u>0</u>	<u>20</u>
<u>6</u>	<u>20</u>	<u>91</u>

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind	From (ft.)	To (ft.)
<u>6</u>	<u>Steel</u>	<u>0</u>	<u>76</u>

9. GROUT:

Kind	From (ft.)	To (ft.)
<u>C. Clay</u>	<u>0</u>	<u>20</u>

10. FORMATIONS:

Kind	Thick-ness (ft.)	Total Depth (ft.)
<u>Yellow Clay</u>	<u>25</u>	<u>25</u>
<u>Blue Clay</u>	<u>30</u>	<u>55</u>
<u>Sand</u>	<u>10</u>	<u>65</u>
<u>Hard pan</u>	<u>11</u>	<u>76</u>
<u>Limestone</u>	<u>15</u>	<u>91</u>

11. MISCELLANEOUS DATA:

Yield test: 2 Hrs. at 15 GPM.

Depth from surface to water: 25 ft.

Water-level when pumping: 30 ft.

Water sample sent to laboratory at Kenosha on Feb. 11 1946

Construction of the well was completed on Feb. 11 1946

The well is terminated 8 inches (above) (below) the permanent grade.

Was the well disinfected upon completion? Yes No _____

Was the well sealed watertight upon completion? Yes No _____

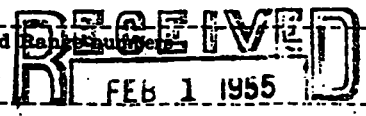
Signature Adrian Acker
Registered Well Driller

5214 N. Villard ave
Complete Mail Address
Mil

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH
See Instructions on Reverse Side

1. County Milwaukee {Town Village City Granville
NW NWSW Sec 29 T8N R21E Check one and give name:

2. Location 10597 W. Appleton Ave.
Name of street and number of premise or Section, Town and Range



3. Owner or Agent Bruce Curry
Name of individual, partnership or firm

4. Mail Address 10597 W. Appleton Ave. Milwaukee 16 Wisconsin
Complete address required

5. From well to nearest: Building 6 ft; sewer xx ft; drain 10 ft; septic tank 40 ft;
dry well or filter bed 48 ft; abandoned well xx ft.

6. Well is intended to supply water for: Home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
9	0	20			
6	0	80			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	blk. WD 19.45	0	60

9. GROUT:

Kind	From (ft.)	To (ft.)
drill mud clay	0	20

11. MISCELLANEOUS DATA:

Yield test: 4 Hrs. at 12 GPM.
Depth from surface to water-level: 44 ft.
Water-level when pumping: 48 ft.
Water sample was sent to the state laboratory at:
Kenosha on 10/19 1949
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Clay	15	15
clay sandy	10	25
sand	5	30
clay gravel	15	45
gravel	10	55
hardpan	3	58
schall lime	2	60
limestone	15	75
limestone WB	5	80

Construction of the well was completed on:
Oct. 19 1949

The well is terminated 8 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
Yes _____ No x

Was the well sealed watertight upon completion?
Yes x No _____

Signature Garber & son B.G. Garber 5807 W. Hampton Rd Milwaukee 16
Registered Well Driller Complete Mail Address
Please do not write in space below

Rec'd _____ No. _____
Ans'd _____
Interpretation _____

10 ml 10 ml 10 ml 10 ml 10 ml
Gas—24 hrs. _____
48 hrs. _____
Confirm _____
B. Coli _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH
See Instructions on Reverse Side

1. County Milwaukee Town
Village
City
(NWN/NSW Sec 20 T8N R21E) Granville
Check one and give name
2. Location Hy. #1 & Botolph Avenue
Name of street and number of premise or Section, Town and Range numbers
3. Owner or Agent Glen Miller
Name of individual, partnership or firm
4. Mail Address R.R. 1, Milwaukee 16, Wis.
Complete address required
5. From well to nearest: Building 10 ft; sewer _____ ft; drain _____ ft; septic tank None ft;
dry well or filter bed _____ ft; abandoned well _____ ft.
6. Well is intended to supply water for: Home

RECEIVED
MAY 5 1950
SANITARY BUREAU
NO.

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	20			
6	20	80			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind	From (ft.)	To (ft.)
6	Wrought Steel	0	58

9. GROUT:

Kind	From (ft.)	To (ft.)
Mud	0	20

11. MISCELLANEOUS DATA:

Yield test: 6 Hrs. at 10 GPM.
 Depth from surface to water-level: 20 ft.
 Water-level when pumping: _____ ft.
 Water sample was sent to the state laboratory at:
Kenosha on May 15 1950
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Red Clay	0	10
Blue "	10	50
Hard Pan	50	56
Sand	56	58
Limerick	58	80

Construction of the well was completed on:

May 13 1950
 The well is terminated 6 inches
 above, below the permanent ground surface.
 Was the well disinfected upon completion?
 Yes No _____
 Was the well sealed watertight upon completion?
 Yes No _____

Signature A. J. Lussing & Son R.R. 1, Box 367, Milwaukee, Wis.
 Registered Well Driller Please do not write in space below Complete Mail Address

Rec'd 5-17-50 No. 8043
 Ans'd 5-21-50
 Interpretation unsat

	10 ml	10 ml	10 ml	10 ml	10 ml
Gas—24 hrs.	0	0	0	0	0
48 hrs.	0	+	+	0	0
Confirm		0	0		
B. Coli	0	+	+	0	0

Examiner [Signature]

25-22-50

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH
See Instructions on Reverse Side

RECEIVED
NOV 29 1950
BUREAU OF SANITATION

1. County Milwaukee Town Granville
Village
City Check one and give name
2. Location 6226 No. 102nd St. - Milwaukee
Name of street and number of premise or Section, Town and Range numbers
3. Owner or Agent EDWARD LAURICK SWNEUWSEC 29T 21R21E
Name of individual, partnership, or firm
4. Mail Address 6226 No 102nd - Milwaukee
Complete address required
5. From well to nearest: Building 17 ft; sewer None ft; drain None ft; septic tank None ft;
 dry well or filter bed None ft; abandoned well None ft. 75 ft. from outhouse
6. Well is intended to supply water for: RESIDENCE

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	15			
6	15	35			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind	From (ft.)	To (ft.)
6	Steel pipe	0	15

9. GROUT:

Kind	From (ft.)	To (ft.)
CEMENT	0	15

11. MISCELLANEOUS DATA:

Yield test: 3 Hrs. at 15 GPM.
 Depth from surface to water-level: 10 ft.
 Water-level when pumping: 10 ft.
 Water sample was sent to the state laboratory at:
KEWOSHA on MARCH 2 1950
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Top Soil + Clay	0	6
Top Rock	6	15
LIME ROCK	15	35

Construction of the well was completed on:

FEB 2 1950

The well is terminated 8 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?

Yes No

Was the well sealed watertight upon completion?

Yes No

Signature Emil A. Gueck
 Registered Well Driller

6993 No. Greenburg Ave - Milw.
 Complete Mail Address

Please do not write in space below

Rec'd _____ No. _____
 Ans'd _____
 Interpretation _____

10 ml 10 ml 10 ml 10 ml 10 ml

Gas—24 hrs. _____
 48 hrs. _____
 Confirm _____
 B. Coli _____
 Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee (Town Granville
Village
City Check one and give name

2. Location 6235 N. 102 nd. St. SWNE NW Sec 29 T8N R21E
Name of street and number of premise or Section, Town and Range

3. Owner or Agent Clarence Lehenstein
Name of individual, partnership or firm

4. Mail Address 5200 N. 91 St. Milwaukee Wis.
Complete address required

5. From well to nearest: Building 5 ft; sewer ft; drain ft; septic tank 50 ft;
dry well or filter bed 55 ft; abandoned well ft.

6. Well is intended to supply water for: Home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
<u>6</u>	<u>Std. Bl.</u>	<u>0</u>	<u>41</u>

9. GROUT:

Kind	From (ft.)	To (ft.)
<u>Power Cement</u>	<u>15</u>	<u>40</u>

11. MISCELLANEOUS DATA:

Yield test: 12 Hrs. at 10 GPM.
 Depth from surface to water-level: 15 ft.
 Water-level when pumping: 16 ft.
 Water sample was sent to the state laboratory at:
Madison on April 6 1955
 City

10. FORMATIONS:

C	Kind	From (ft.)	To (ft.)
	<u>Clay</u>	<u>0</u>	<u>10</u>
	<u>Gravel</u>	<u>10</u>	<u>15</u>
	<u>Limestone</u>	<u>15</u>	<u>70</u>

Construction of the well was completed on:
April 4 1955

The well is terminated 6 inches
 above, below the permanent ground surface.

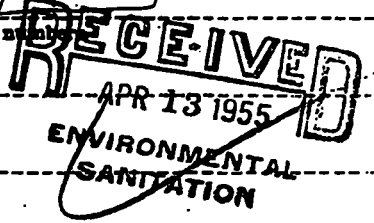
Was the well disinfected upon completion?
Yes No

Was the well sealed watertight upon completion?
Yes No

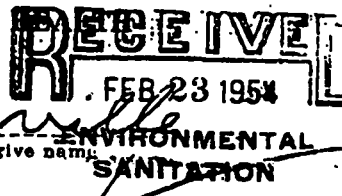
Signature A. C. Eddy 10949 W. Appleton Ave. Milwaukee Wis.
Registered Well Driller Complete Mail Address

Rec'd APR 6 1955 No. 7882
 Ans'd _____
 Interpretation _____

10 ml 10 ml 10 ml 10 ml 10 ml
 Gas—24 hrs. _____
 48 hrs. 0
 Confirm _____
 B. Coll 0/5
 Examiner _____



WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF
See Instructions on Reverse Side



1. County Milwaukee { Town Village City Branville
 2. Location 6321 N 102th St
 Name of street and number of premise or Section, Town and Range numbers
 3. Owner or Agent Wm Smaller WNENW Sec 29 T8N R21E
 Name of individual, partnership or firm
 4. Mail Address 6321 N 102th St
 Complete address required

5. From well to nearest: Building 15 ft; sewer _____ ft; drain 15 ft; septic tank 50 ft;
 dry well or filter bed _____ ft; abandoned well _____ ft.

6. Well is intended to supply water for: Home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
8	0	22			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	new Black steel pipe	0	42

9. GROUT:

Kind	From (ft.)	To (ft.)
Puddled clay	0	25

11. MISCELLANEOUS DATA:

Yield test: 2 Hrs. at 7 GPM.
 Depth from surface to water-level: 17 ft.
 Water-level when pumping: 18 ft.
 Water sample was sent to the state laboratory at:
Madison on 2/18 1954
 City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Puddled Clay	0	25
Clay & gravel	25	35
gravel	35	40
fine gravel	40	42
lime stone	42	77

Construction of the well was completed on:
Feb 17 1954

The well is terminated 8 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes No _____

Was the well sealed watertight upon completion?
 Yes No _____

Signature John Lentz 1924 N. 18th St Milwaukee WI
 Registered Well Driller Complete Mail Address
 Please do not write in space below

Rec'd _____ No. _____
 Ans'd _____
 Interpretation _____

10 ml 10 ml 10 ml 10 ml 10 ml
 Gas—24 hrs. _____
 48 hrs. _____
 Confirm _____
 B. Coli _____
 Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee Town Village City *4400 W. 14th St.* Check one and give name
2. Location 6328 W. 100 Name of street and number of premise or Section, Town and Range numbers
3. Owner or Agent R. Menard (NENW Sec 29 T 8 N 21 E) Name of individual, partnership or firm
4. Mail Address 6328 W. 100 St. Milwaukee, Wis. Complete address required
5. From well to nearest: Building 15 ft; sewer 35 ft; drain 15 ft; septic tank 50 ft; dry well or filter bed 66 ft; abandoned well 60 ft.
6. Well is intended to supply water for: Residence

RECEIVED
APR 14 1952
ENVIRONMENTAL
SANITATION

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
8	0	35	6	15	8.5

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind of material	From (ft.)	To (ft.)
6	Std. Steel Pipe	0	35

9. GROUT:

Kind of material	From (ft.)	To (ft.)
Cement (76 lbs)	0	35

11. MISCELLANEOUS DATA:

Yield test: 4 Hrs. at 15 GPM.

Depth from surface to water level: 5 ft.

Water level when pumping: 18 ft.

Water sample was sent to the state laboratory at: Menasha on 8/28 1951
City

10. FORMATIONS:

Kind of formation	From (ft.)	To (ft.)
Clay	0	5
Gravel	5	16
Limestone	16	8.5

Construction of the well was completed on: 8/21 1951

The well is terminated 6 inches above, below the permanent ground surface.

Was the well disinfected upon completion? Yes No

Was the well sealed watertight upon completion? Yes No

Signature H.R. Harvey Registered Well Driller 7616 N. 43rd St Milwaukee Complete Mail Address

Rec'd _____ No _____

Ans'd _____

Interpretation _____

Gas—24 hrs. _____

48 hrs. _____

Confirm _____

B. Coli _____

Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee Town Village City
Town of West Granville
Check one and give name
2. Location 6348 N. 101st Street
Name of street and number of premise or section, Town and Range numbers
NENEW Sec 29 T 8 R 21 E
3. Owner or Agent Mr. Peter Muench
Name of individual, partnership or firm
4. Mail Address 6344 No. 100th Street
Complete address required
5. From well to nearest: Building 9 ft; sewer _____ ft; drain _____ ft; septic tank _____ ft;
 dry well or filter bed _____ ft; abandoned well _____ ft.

RECEIVED
 OCT 10 1951
 BUREAU
 SANITARY ENG.

6. Well is intended to supply water for: Residential Use

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
6 in	0	85			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	A.O. Smith Line Pipe		
	New Heavy Duty 23;00	0	27

9. GROUT:

Kind	From (ft.)	To (ft.)

11. MISCELLANEOUS DATA:

Yield test: 4 Hrs. at nine GPM.
 Depth from surface to water-level: 10 ft.
 Water-level when pumping: 11 ft.
 Water sample was sent to the state laboratory at:
Kenosha City on Sept. 27th 1951

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Topsoil	0	4
Gravel and Sand	4	27
Limestone Niagara (hard)	27	63
Limestone	63	85

Construction of the well was completed on:
September 25 1951

The well is terminated 6 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes No

Was the well sealed watertight upon completion?
 Yes No

Signature [Signature] Advance Well Drilling 4102 N. 60th St Milwaukee, Wisc.
 Registered Well Driller Complete Mail Address
 Please do not write in space below

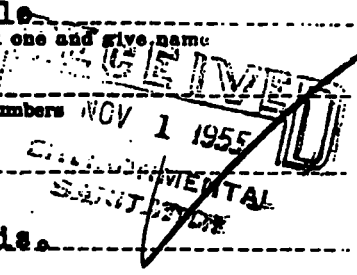
✓ Rec'd 10-2-51 No. 15796
 Ans'd 10-2-51
 Interpretation Water
center lost in
basin

10 ml 10 ml 10 ml 10 ml 10 ml
 Gas—24 hrs. _____
 48 hrs. _____
 Confirm _____
 B. Coli _____
 Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee Town Granville
Village
City Check one and give name
2. Location 10509 NYXIBBY W. Mill Rd.
Name of street and number of premise or Section; Town and Range numbers
3. Owner or Agent Joe Nedels
Name of individual, partnership or firm
4. Mail Address X21K4 2134 N. 9th St. Milwaukee Wis.
Complete address required
5. From well to nearest: Building 16 ft; sewer ft; drain ft; septic tank 50 ft;
 dry well or filter bed 55 ft; abandoned well ft.
6. Well is intended to supply water for: Home NENWNW Sec 29 T8N R21E



7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
7	Std. Bl.	0	44

9. GROUT:

Kind	From (ft.)	To (ft.)
Clay		

11. MISCELLANEOUS DATA:

Yield test: 2 Hrs. at 10 GPM.
 Depth from surface to water-level: 14 ft.
 Water-level when pumping: 16 ft.
 Water sample was sent to the state laboratory at:
Madison on 10/24 1955
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Clay	0	44
Limestone	44	54

ALSO PUMP INSTALLED

Construction of the well was completed on:
10/17 1955

The well is terminated 6 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes No

Was the well sealed watertight upon completion?
 Yes No

Signature A.C. Eddy 10949 W. Appleton Ave. Milwaukee Wis.
Registered Well Driller Complete Mail Address

Please do not write in space below

Rec'd OCT 25 1955 No. 36550 10 ml 10 ml 10 ml 10 ml 10 ml

Ans'd Gas—24 hrs.
 Interpretation SAFE 48 hrs.
 Confirm
 B. Coll Examiner

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

N/1 NENE Sec 29 T8N. R21E

See Instructions on Reverse Side

1. County Milwaukee { Town Granville
Village
City Check one and give name

2. Location 9375 W Mill Road Milwaukee Wis.
Name of street and number of premise or Section, Town and Range numbers

3. Owner or Agent Joseph Guffre
Name of individual, partnership or firm

4. Mail Address 9401 W. Mill Rd Milwaukee wis.
Complete address required

5. From well to nearest: Building 15 ft; sewer _____ ft; drain 30 ft; septic tank 55 ft
dry well or filter bed 65 ft; abandoned well _____ ft.

6. Well is intended to supply water for: Home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	25	6	25	120

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	STEEL 19.45	0	68

9. GROUT:

Kind	From (ft.)	To (ft.)
MUD	0	25

11. MISCELLANEOUS DATA:

Yield test: 5 Hrs. at 10 GPM.
Depth from surface to water-level: 48 ft.
Water-level when pumping: 55 ft.
Water sample was sent to the state laboratory at:
Madison on 2-22 1955
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Clay	0	40
Blue clay	40	55
Hard-pan	55	68
Lime Rock	68	120

Construction of the well was completed on:
Feb 21st 1955

The well is terminated 8 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
Yes X No _____

Was the well sealed watertight upon completion?
Yes X No _____

Signature Robert Roschi 7927 West Appleton Ave, Mil. W.
Registered Well Driller Complete Mail Address

Rec'd FEB 24 1955 No. 4180
Ans'd _____
Interpretation SAFE

10 ml 10 ml 10 ml 10 ml 10 ml
Gas—24 hrs. 0
48 hrs. 0
Confirm _____
B. Coli 0/16
Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee } Town Milwaukee
 } Village Milwaukee
 } City Check one and give name:

2. Location 9305 W. Mill Rd Milwaukee 18 ANNONE Sec 29 TR R 21E
Name of street and number of premise or Section, Town and Range numbers

3. Owner or Agent George Ottosen
Name of individual, partnership or firm

4. Mail Address 9305 W. Mill Rd Milwaukee 18 Wis
Complete address required

5. From well to nearest: Building 15 ft; sewer unknown ft; drain unknown ft; septic tank unknown ft;
 dry well or filter bed unknown ft; abandoned well unknown ft.

6. Well is intended to supply water for: home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
5	0	120			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
5	blk. Std	0	unknown

9. GROUT:

Kind	From (ft.)	To (ft.)

11. MISCELLANEOUS DATA:

Yield test: 30 Hrs. at 10 GPM.
 Depth from surface to water-level: 65 ft.
 Water-level when pumping: 75 ft.
 Water sample was sent to the state laboratory at:
Madison on 10/28 19 57
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Old Well		114
limestone	6	120

RECEIVED

NOV 6 1957

ENVIRONMENTAL
SANITATION

Construction of the well was completed on:
Oct. 28 19 57

The well is terminated 6 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes No

Was the well sealed watertight upon completion?
 Yes No

Signature Garber & Son B. J. Garber 5807 W. Hampton Rd Milwaukee 18
Registered Well Driller Complete Mail Address

Please do not write in space below

Rec'd: OCT 29 1957 No. 37183

Ans'd Because of the presence of B. Coli in
 Interpretation one of the 10 cc. portions of this sam-
ple another examination is advisable.

10 ml 10 ml 10 ml 10 ml 10 ml

Gas—24 hrs. + + + + +
 48 hrs. + + + + +
 Confirm + + + + +

B. Coli 1/2

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH
See Instructions on Reverse Side

1. County Milwaukee Town Granville
Village
City Check one and give name

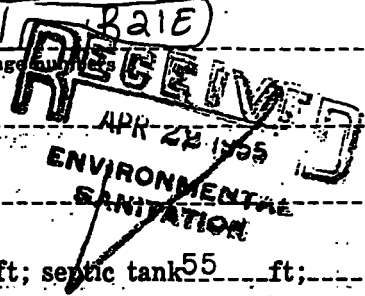
2. Location 6271 N. 102th st. SWNENW Sec 29 T8N R21E
Name of street and number of premise or Section, Town and Range

3. Owner or Agent Delma Menard
Name of individual, partnership or firm

4. Mail Address 6271 N. 102th st. Milwaukee
Complete address required

5. From well to nearest: Building 15 ft; sewer 35 ft; drain 15 ft; septic tank 55 ft;
 dry well or filter bed 60 ft; abandoned well none ft.

6. Well is intended to supply water for: Residence



7. DRILLHOLE:

Dis. (in.)	From (ft.)	To (ft.)	Dis. (in.)	From (ft.)	To (ft.)
8	0	40	6	40	90

8. CASING AND LINER PIPE OR CURBING:

Dis. (in.)	Kind	From (ft.)	To (ft.)
6	Std. Wt. Blk. Pipe	0	40

9. GROUT:

Kind	From (ft.)	To (ft.)
Neat Cement Grout	0	40

11. MISCELLANEOUS DATA:

Yield test: 3 Hrs. at 10 GPM.
 Depth from surface to water-level: 10 ft.
 Water-level when pumping: 30 ft.
 Water sample was sent to the state laboratory at:
Madison on 4/8 1955
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Clay	0	17
Limestone	17	90

Construction of the well was completed on:
4/7/55 1955

The well is terminated 8 inches
 above, below the permanent ground surface.
 Was the well disinfected upon completion?
 Yes No
 Was the well sealed watertight upon completion?
 Yes No

Signature H. R. Lucy
 Registered Well Driller

7616 N. 43rd st. Milwaukee
 Complete Mail Address

Please do not write in space below

Rec'd _____ No. _____
 Ans'd _____
 Interpretation _____

10 ml 10 ml 10 ml 10 ml 10 ml

Gas—24 hrs. _____
 48 hrs. _____
 Confirm _____
 B. Coli _____
 Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee Town Granville
NW 1/4 SW 1/4 Sec 29 T8N R21E Village
City Check one and give name

2. Location 10515 W. Appleton Ave.
Name of street and number of premise or Section, Town and Range numbers

3. Owner or Agent Elmer Euer
Name of individual, partnership or firm

ENVIRONMENTAL
SANITATION

4. Mail Address 10515 W. Appleton Ave. Milwaukee Wis.
Complete address required

5. From well to nearest: Building 15 ft; sewer ft; drain 50 ft; septic tank 65 ft;
dry well or filter bed 65 ft; abandoned well ft.

6. Well is intended to supply water for: Home & Motel

7. DRILLHOLE:

Dis. (in.)	From (ft.)	To (ft.)	Dis. (in.)	From (ft.)	To (ft.)

8. CASING AND LINER PIPE OR CURBING:

Dis. (in.)	Kind and Weight	From (ft.)	To (ft.)
<u>6</u>	<u>Standard Weight</u>	<u>0</u>	<u>45</u>

10.30.52
6.6.6.6

9. GROUT:

Kind	From (ft.)	To (ft.)
<u>clay</u>	<u>0</u>	<u>35</u>

11. MISCELLANEOUS DATA:

Yield test: 10 Hrs. at 9 GPM.
Depth from surface to water-level: 25 ft.
Water-level when pumping: 40 ft.
Water sample was sent to the state laboratory at:
Kenosha on 26 1952
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
<u>Clay</u>	<u>0</u>	<u>30</u>
<u>clay & gravel</u>	<u>30</u>	<u>45</u>
<u>limestone</u>	<u>45</u>	<u>76</u>

Construction of the well was completed on:
Oct 25 1952

The well is terminated 6 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
Yes No

Was the well sealed watertight upon completion?
Yes No

Signature A. G. EDDY
Registered Well Driller

10249 W. Appleton Ave. Milwaukee Wis.
Complete Mail Address

Please do not write in space below

Rec'd 10-28-52 No. 17619
Ans'd 10-30-52
Interpretation Safe

	10 ml	10 ml	10 ml	10 ml	10 ml
Gas—24 hrs.	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
48 hrs.	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Confirm					
B. Coli					
Examiner	<u>[Signature]</u>				

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH
See Instructions on Reverse Side

1. County Milwaukee Town Greenfield
 Village City Check one and give name.

2. Location 4201 W. Brown Deer Rd.
 Name of street and number of premise or Section, Town and Range numbers
NWNE Sec 8 T8N R21E

3. Owner or Agent Geraldine Schwalbe
 Name of individual, partnership or firm

4. Mail Address 4201 W. Brown Deer Rd.
 Complete address required

5. From well to nearest: Building 10 ft; sewer _____ ft; drain _____ ft; septic tank 50 ft;
 dry well or filter bed _____ ft; abandoned well _____ ft.

6. Well is intended to supply water for: Home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	20			
6	0	146			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Steel	0	107

9. GROUT:

Kind	From (ft.)	To (ft.)
Cuddled clay	0	20

11. MISCELLANEOUS DATA:

Yield test: 4 Hrs. at 17 GPM.
 Depth from surface to water-level: 35 ft.
 Water-level when pumping: 60 ft.
 Water sample was sent to the state laboratory at:
Madison on Nov. 26 1957
 City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Top Soil	0	3
Yellow clay	3	21
Blue " "	21	55
Sandy " "	55	90
Sticky Clay	90	107
Limerock	107	146

Construction of the well was completed on:
Nov. 25 1957

The well is terminated 8 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes No _____

Was the well sealed watertight upon completion?
 Yes No _____

Signature Ed. Krang 5714 W. Villard Ave. Mil 14 Wis
 Registered Well Driller Complete Mail Address
 Please do not write in space below

Rec'd NOV 29 1957 No. 22138

Ans'd _____
 Interpretation Safe

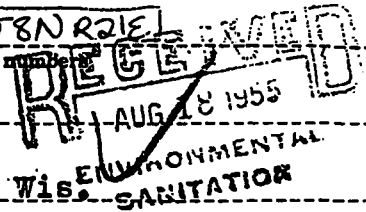
	10 ml	10 ml	10 ml	10 ml	10 ml
Gas—24 hrs.	0	0	0	0	0
48 hrs.	0	0	0	0	0
Confirm					
B. Coli	0	0	0	0	0

Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee (Town
Village
City Granville
Check one and give name
2. Location 9435 W. Brown Deer Rd. NWNE Sec 8 T8N R21E
Name of street and number of premise or Section, Town and Range number
3. Owner or Agent Lawrence Corrigan
Name of individual, partnership or firm
4. Mail Address 9435 W. Brown Deer rd. Milwaukee Wis.
Complete address required
5. From well to nearest: Building 15 ft; sewer 3 ft; drain 15 ft; septic tank 25 ft;
dry well or filter bed 50 ft; abandoned well None ft.
6. Well is intended to supply water for: Residence



7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
8	0	20	6	20	105

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Std Blk Steel Pipe	0	105

9. GROUT:

Kind	From (ft.)	To (ft.)
Puddled Clay (fill)	0	20

11. MISCELLANEOUS DATA:

Yield test: 3 Hrs. at 20 GPM.
 Depth from surface to water-level: 18 ft.
 Water-level when pumping: 18 ft.
 Water sample was sent to the state laboratory at:
Madison on 6/20 1955.
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Clay	0	75
Sand (fine)	75	100
Sand (course)	100	105

Construction of the well was completed on:
6/20/55 1955

The well is terminated 8 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes No

Was the well sealed watertight upon completion?
 Yes No

Signature H. R. Lucy 7616 N. 43rd st. Milwaukee
Registered Well Driller Complete Mail Address
Please do not write in space below

Rec'd _____ No. _____	10 ml	10 ml	10 ml	10 ml	10 ml
Ans'd _____	Gas—24 hrs. _____				
Interpretation _____	48 hrs. _____				
_____	Confirm _____				
_____	B. Coli _____				
_____	Examiner _____				

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH
See Instructions on Reverse Side

1. County Waukesha Town Granville
 Village Granville
 City Granville Check one and give name

2. Location 8429 No. Granville Road Milw 10, Wis
 Name of street and number of premise or Section, Town and Range numbers

3. Owner or Agent Henry Romincha
 Name of individual, partnership or firm

4. Mail Address 8429 N. Granville Road
 Complete address required

5. From well to nearest: Building 16 ft; sewer 25 ft; drain 16 ft; septic tank 60 ft;
 dry well or filter bed 65 ft; abandoned well none ft.

6. Well is intended to supply water for: Residence

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	20			
6	20	103			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Standard Steel Pipe	0	96

9. GROUT:

Kind	From (ft.)	To (ft.)
Buddled Clay	0	20

11. MISCELLANEOUS DATA:

Yield test: 4 Hrs. at 22 GPM.

Depth from surface to water-level: 60 ft.

Water-level when pumping: 60 ft.

Water sample was sent to the state laboratory at:
Madison on Febr. 29 1956
 City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Gravel	0	20
Stoney clay	20	75
Sand & gravel	75	93
Top rock	93	96
Heavy lime stone	96	103

Construction of the well was completed on:
February 28 1956

The well is terminated 7 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes No

Was the well sealed watertight upon completion?
 Yes No

Signature Emil H. Gocke
 Registered Well Driller

8748 No. Kildar Ct. Milw 9.
 Complete Mail Address

Please do not write in space below

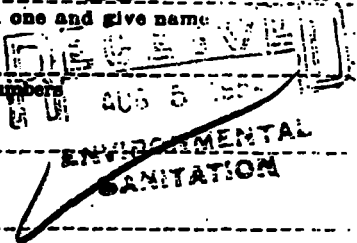
Rec'd _____ No. _____
 Ans'd _____
 Interpretation _____

10 ml 10 ml 10 ml 10 ml 10 ml
 Gas—24 hrs. _____
 48 hrs. _____
 Confirm _____
 B. Coli _____
 Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Wisconsin Town Greenfield
 Village
 City Check one and give name
2. Location 6270 No. 102nd St.
 Name of street and number of premise or Section, Town and Range numbers
3. Owner or Agent Arthur Olson
 Name of individual, partnership or firm
4. Mail Address 6270 No. 102nd St.
 Complete address required
5. From well to nearest: Building 15 ft; sewer _____ ft; drain _____ ft; septic tank 20 ft;
 dry well or filter bed _____ ft; abandoned well _____ ft. SWNE 1/4 Sec 29 T8N R21E
6. Well is intended to supply water for: Home



7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	40			
6	0	100			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Steel	0	40

9. GROUT:

Kind	From (ft.)	To (ft.)
Buddled clay	0	20
Cement	20	40

11. MISCELLANEOUS DATA:

Yield test: 3 Hrs. at 10 GPM.
 Depth from surface to water-level: 8 ft.
 Water-level when pumping: 40 ft.
 Water sample was sent to the state laboratory at:
Madison on July 28 1954
 City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Top soil	0	3
Stony clay	3	10
Gravel	10	18
Finerock	18	100

Construction of the well was completed on:
July 28 1954
 The well is terminated 8 inches
 above, below the permanent ground surface.
 Was the well disinfected upon completion?
 Yes No
 Was the well sealed watertight upon completion?
 Yes No

Signature Ed. Krang 5214 W. Villard Rd. Mil. 16, Wis.
 Registered Well Driller Complete Mail Address
 Please do not write in space below

Rec'd JUL 30 1954 No 22018
 Ans'd _____
 Interpretation _____
SAFE

10 ml 10 ml 10 ml 10 ml 10 ml
 Gas—24 hrs. 0
 48 hrs. 0
 Confirm _____
 B. Coli 0
 Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH
See Instructions on Reverse Side

1. County Milwaukee { Town Granville
 Village
 City Check one and give name

2. Location 9401 W. Mill Rd NWNESE Sec 27 T8N R21E
 Name of street and number of premises or Section, Town and Range numbers

3. Owner or Agent Jos Giuffre
 Name of individual, partnership or firm

4. Mail Address 9401 W Mill Rd Milwaukee
 Complete address required

5. From well to nearest: Building 15 ft; sewer _____ ft; drain 15 ft; septic tank _____ ft;
 dry well or filter bed _____ ft; abandoned well _____ ft.

6. Well is intended to supply water for: Home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
8	0	20			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Steel	0	60

9. GROUT:

Kind	From (ft.)	To (ft.)
P. Clay	0	20

11. MISCELLANEOUS DATA:

Yield test: 3 Hrs. at 15 GPM.
 Depth from surface to water-level: 47 ft.
 Water-level when pumping: 47 ft.
 Water sample was sent to the state laboratory at:
Madison on 8-3 1953
 City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Clay	0	60
Lime Stone	23	123

Construction of the well was completed on:
8-3 1953

The well is terminated 6 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes yes No _____

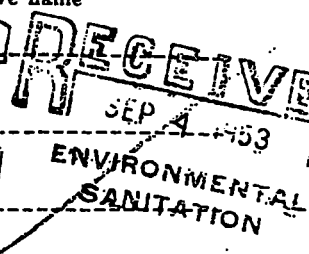
Was the well sealed watertight upon completion?
 Yes yes No _____

Signature Otto Rose 121655 W. Lisbon Ave Milwaukee 16
 Registered Well Driller Complete Mail Address

Please do not write in space below

Rec'd _____ No. _____
 Ans'd _____
 Interpretation Abandoned
1 March 65

10 ml _____ 10 ml _____ 10 ml _____ 10 ml _____ 10 ml _____
 Gas—24 hrs. _____
 48 hrs. _____
 Confirm _____
 B. Coli _____
 Examiner _____



WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH
See Instructions on Reverse Side

W-1.0

1. County MILWAUKEE Town Village City MILWAUKEE
Check one and give name
2. Location 5156 Mc GRANVILLE RD NESEW Sec 8 T8N R21E
Name of street and number of premise or Section, Town and Range numbers
3. Owner or Agent ALYUST THALDORF
Name of individual, partnership or firm
4. Mail Address 7134 Mc Hill Road MILWAUKEE 16
Complete address required
5. From well to nearest: Building 17 ft; sewer — ft; drain — ft; septic tank — ft;
dry well or filter bed — ft; abandoned well — ft.

6. Well is intended to supply water for: HOME

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	50	6	50	185

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	STEEL PIPE	0	133

9. GROUT:

Kind	From (ft.)	To (ft.)
PUDDLED CLAY	0	50

11. MISCELLANEOUS DATA:

Yield test: 15 Hrs. at 16 GPM.
 Depth from surface to water-level: 65 ft.
 Water-level when pumping: 65 ft.
 Water sample was sent to the state laboratory at:
MADISON on OCTOBER 9 1956
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
CLAY	0	80
HARPAN	80	130
SAND	130	133
LIME STONE	133	185

RECEIVED
OCT 17 1956
ENVIRONMENTAL
SANITATION

Construction of the well was completed on:

OCTOBER 5 1956

The well is terminated 6 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
 Yes No

Was the well sealed watertight upon completion?
 Yes No

Signature [Signature]
 Registered Well Driller

8910N CALUMET RD MILWAUKEE 16
 Complete Mail Address

Please do not write in space below

Rec'd. 10 10 1956 No. 37345
 Ans'd _____
 Interpretation **SAFE**

10 ml _____ 10 ml _____ 10 ml _____ 10 ml _____ 10 ml _____
 Gas—24 hrs. _____
 48 hrs. _____
 Confirm _____
 B. Coll. [Signature]
 Examiner _____

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee Town Granville
Village City Check one and give name

2. Location 9401 W. Mill Rd. NWNESE 21N E 21E
Name of street and number of premises or Section, Town and Range numbers

3. Owner or Agent Joe Giuffre
Name of individual, partnership or firm

4. Mail Address 9401 W. Mill Rd. Milwaukee
Complete address required

5. From well to nearest: Building 15 ft; sewer _____ ft; drain 15 ft; septic tank _____ ft;
dry well or filter bed _____ ft; abandoned well _____ ft.

6. Well is intended to supply water for: Home

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
8	0	20			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Steel	0	60

9. GROUT:

Kind	From (ft.)	To (ft.)
P. Clay	0	20

11. MISCELLANEOUS DATA:

Yield test: 3 Hrs. at 15 GPM.
 Depth from surface to water-level: 47 ft.
 Water-level when pumping: 47 ft.
 Water sample was sent to the state laboratory at:
Madison on 8-3 1953
 City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Clay	0	60
Lime Stone	23	123

Construction of the well was completed on: 8-3 1953

The well is terminated 6 inches above, below the permanent ground surface.

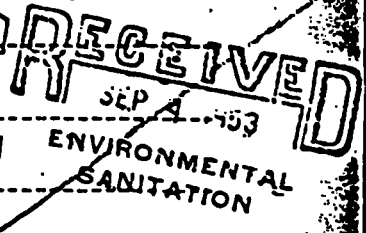
Was the well disinfected upon completion?
Yes yes No _____

Was the well sealed watertight upon completion?
Yes yes No _____

Signature Otto Rose Lic 12165574 Registered Well Driller 16 Complete Mail Address

Rec'd _____ No _____
 Ans'd _____
 Interpretation _____
ABAND

10 ml 10 ml 10 ml 10 ml 10 ml
 Gas—24 hrs. _____
 48 hrs. _____
 Confirm _____
 B. Coli _____
 Examiner _____



WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Milwaukee Town Village Brown City Doer
Check one and give name

2. Location 8667 North 107th St Granville
Name of street and number of premise or Section, Town and Range numbers

3. Owner or Agent Mrs Hacker SENECA SEC 7 T8N R7E
Name of individual, partnership or firm

4. Mail Address 8667 North 107th St Granville Wis
Complete address required

5. From well to nearest: Building 25 ft; sewer 30 ft; drain 25 ft; septic tank 55 ft;
dry well or filter bed 60 ft; abandoned well 20 ft.

6. Well is intended to supply water for: Residence

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
10	0	25			
6	25	120			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
7 0.0	26 lbs pft	0	25

9. GROUT:

Kind	From (ft.)	To (ft.)
Quartzite clay	0	25

11. MISCELLANEOUS DATA:

Yield test: 5 Hrs. at 12 GPM.
 Depth from surface to water-level: 35 ft.
 Water-level when pumping: 55 ft.
 Water sample was sent to the state laboratory at:
Madison on Nov-19 1957
City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
top soil and red clay	0	25
blue clay	25	72
sand and gravel	72	83
top rock	83	85
lime rock	85	120

RECEIVED
 NOV 27 1956
 ENVIRONMENTAL
 SANITATION

Construction of the well was completed on:

Nov 16 1957

The well is terminated 6 inches
 above, below the permanent ground surface.

Was the well disinfected upon completion?
Yes No

Was the well sealed watertight upon completion?
Yes No

Signature Emil H Goepfs 57487 Kildeer St Milwaukee Wis
Registered Well Driller Complete Mail Address
 Please do not write in space below

Rec'd NOV 20 1956
 Ans'd _____
 Interpretation _____
Not in boundary
SAFE

10 ml 10 ml 10 ml 10 ml 10 ml
 Gas—24 hrs. _____
 48 hrs. _____
 Confirm _____
 B. Coll _____
 Examiner _____

SEC. 29 T. 8 N. R. 21 E

TO THE WISCONSIN STATE BOARD OF HEALTH, WELL DRILLING DIVISION, MADISON, WIS.

WELL LOG PREMISES DIAGRAM, and REPORT

For Official Record of the Board

(TO BE USED FOR THAT PURPOSE ONLY)

Owner John E. Shaw Driller Leaton May
 (If a joint ownership give name of responsible official. Also name of each individual holding an interest. Use a separate sheet and attach hereto.)
 Address Highway 100 - Mill Rd. Address R-7 Cudahy Wis.
 (City, village, township, county)
 Date of Report July 1 1937
Waukesha County Registration No. 392

Give below the location of the property on which well is drilled.

If incorporated village or city: Name _____ Lot _____ Blk. _____ Street and No. _____

If unincorporated hamlet: Name _____ County _____ Twp. _____ Highway _____

If Lake Shore Plat: Name of Plat _____ Lake _____ Lot _____ Blk. _____ Street _____

If Farm: County _____ Twp. _____ Sec. _____ Highway _____

If School: County _____ Twp. _____ Sec. _____ District _____

If other public building: Kind _____ County _____ Twp. _____ Sec. _____

Miscellaneous Private Kind _____ County _____ Twp. _____ Sec. _____

WELL LOG and REPORT


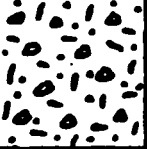

Kind of casing and liner in feet. Kind of shoe. Indicate grout, screen, seal, etc.	WELL DIAGRAM Vertical Lines = in. Dia. Horizontal Lines = ft. Depth	Give depth of formations in feet. State if dry or water bearing.	Record of FINAL Pumping Test.																																																																																																																																																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">0</td><td style="text-align: center;">2</td><td style="text-align: center;">3</td><td style="text-align: center;">4</td><td style="text-align: center;">5</td><td style="text-align: center;">6</td><td style="text-align: center;">10</td><td style="text-align: center;">12</td><td style="text-align: center;">14</td><td style="text-align: center;">16</td><td style="text-align: center;">18</td><td style="text-align: center;">24</td> </tr> <tr> <td style="text-align: center;">0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">25</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">50</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">75</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">100</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">150</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">200</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">400</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">600</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">800</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: center;">1000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>	0	2	3	4	5	6	10	12	14	16	18	24	0												25												50												75												100												150												200												400												600												800												1000												<p style="font-size: 2em; transform: rotate(-15deg);">103 ft to Rock.</p> <p style="font-size: 2em; transform: rotate(-15deg);">190 ft. Complete Rock Bottom.</p>	<p>Duration of test. Hours <u>15</u></p> <p>Pumping Rate. G. P. M. <u>12</u></p> <p>Depth of pump in well. Ft. <u>72</u></p> <p>Standing water-level (from surface). Ft. <u>60</u></p> <p>Water level when pumping Ft. <u>65</u></p> <p>Water. End of test. Check: Clear <input checked="" type="checkbox"/> Cloudy _____ Turbid _____</p> <p>Was well sterilized before test? Yes <input checked="" type="checkbox"/> No _____ Date _____</p> <p>To which Laboratory was sample sent? <u>Madison</u> Date _____</p> <p>Was the well sealed on completion? Yes <input checked="" type="checkbox"/> No _____</p> <p>How high did you leave casing above grade? <u>1 ft</u></p> <p>Well was completed <u>June 7 1937</u></p> <p>Well Driller: <u>Leaton May</u> Signature.</p> <p>(Be sure to complete the report on the reverse side) <i>back is blank</i></p>
0	2	3	4	5	6	10	12	14	16	18	24																																																																																																																																								
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MENOMONEE RIVER HILLS SUBDIVISION, MILWAUKEE, MILWAUKEE CO., WIS.

Well No. 1, 91st St. and Mill Road SE $\frac{1}{4}$ sec. 20, T. 8 N., R. 21 E.

Martin G. Hall, Driller, 1956


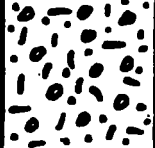

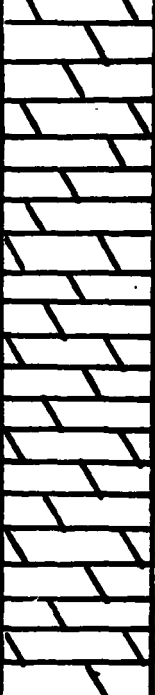
Samples examined by F. J. Thwaites, Nos. 191658-191674

F 82	0-20	20		Till, light brown-gray, dolomitic	14" pipe cement 40 60 water 8" pipe 85
	20-82	62		Till, light gray, dolomitic, described as gravel in driller's log.	
I A R 268	82-350	268		Dolomite, light gray	8" hole

Tested 24 hours at 220 g.p.m. specific capacity = 1.29 g.p.m./ft

Additional copies may be secured from Wisconsin Geological Survey, Science Hall, Madison 6, Wis.

WELL NO. 4, MENOMONEE RIVER HILLS SUBDIVISION, MILWAUKEE, MILWAUKEE CO.,
 91st. St. and Mill Road, 5B $\frac{1}{2}$ sec. 20, T. 8 N., R. 21 E.
 Martin G. Hall, Driller Samples examined by F. T. Thwaites,
 Nos. 191718-191737

100	0-20	20		Till, brown-gray, dolomitic	14" pipe cement 40 50 water 8" pipe 90
	20-85	65		Till, light gray, dolomitic; log described everything below 70 as gravel.	
	85-100	15		Till, stony, light gray, dolomitic, rock?	
	100-400	300		Dolomite, light gray	8" hole
300					

sted 24 hours at 240 g.p.m. specific capacity = 2.18 g.p.m./ft.
 ditional copies may be secured from Wisconsin Geological Survey, Science Hall, Madison 6, Wis.

EVERT CONTAINER CORPORATION WELL, MILWAUKEE, WIS.

7601 W. Good Hope Road NE 1/4 NE 1/4 sec. 21, T. 8 N., R. 21 E.

Milaeger Well Drilling Co., Contractors, 1956










Samples examined by F. T. Thwaites and J. B. Steuervald, Nos.

193356-193413

B R I F T	0-5	5		Silt, light gray, dolomitic	16" pipe 20 cement 12" pipe 75 water 98
	5-70	65		Till, light gray, dolomitic	
	70-80	10		No samples	
	80-90	10		Gravel, fine, sandy	
N I A G A R A	90-200	110		Dolomite, light gray; no sample 175-180	12" hole 490
	200-300	100		Dolomite, light and medium gray	
	300-325	25		Dolomite, light gray; little chert, white	
	325-350	25		Dolomite, light gray	
	350-480	130		Dolomite, light gray; little chert, white	
	480-500	20		Dolomite, light gray	
R I C H M O N D	500-515	15		Dolomite, blue-gray, shaly	10" pipe 704
	515-530	15		Shale, blue-gray, dolomitic	
	530-545	15		Dolomite, blue-gray, medium gray; shale layers	
	545-630	85		Shale, blue-gray, dolomitic	
	630-645	15		Dolomite, medium gray, blue-gray	
	645-700	55		Shale, blue-gray, dolomitic	
G A L	700-805	105		Dolomite, light brown-gray, little blue-gray; no sample 770-775	10" hole

Evert Container well, Milwaukee p. 2 (193356-193413)

MI-420

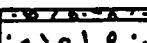

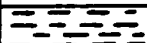
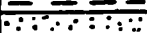

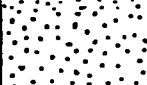
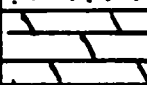

	805-835	30		Dolomite, light gray
	835-860	25		Dolomite, blue-gray, gray, light gray
	860-905	45		Dolomite, light and medium gray
	905-915	10		Dolomite, dark gray, medium gray
	915-930	15		Dolomite, medium gray
	930-935	5		Dolomite, light gray, sandy
	935-945	10		Dolomite, very sandy, very light gray
250	945-950	5		Sandstone, fine to coarse, lt. gray, doll
	950-955	5		Sandstone, fine to medium, light gray
	955-975	20		No samples (tools in bottom)

10" hole

formations: Drift; Niagara; Richmond (Maquoketa); Galena-Platteville; St. Peter
 tested at 700 g.p.m. (time?) specific capacity = 2.85 g.p.m./ft.

Additional copies may be secured from Wisconsin Geological Survey, Science Hall, Madison 6, Wis.

KEN . COOK PUBLISHING CO. WELL, MILWAUKEE CO., WIS.
 99th St., and Silver Spring Road, SE $\frac{1}{4}$ sec. 29, T. 8 N., R. 21 E
 Milaeger Well Drilling Co., 1955
 Samples examined by F. T. Thwaites and John Steuerwald,
 Wisconsin Geological Survey, Nos. 181721-181760

D R I F T	0-5	5		Till, silty, gray, weathered	14" pipe cement 40 40 water 8" pipe 96
	5-40	35		Till, gray, dolomitic	
	40-50	10		Clay, some sand, light gray, dolomitic	
	50-55	5		Sand, fine to silty, light gray	
	55-60	5		Till, light gray, dolomitic	
80	60-80	20		Sand, very fine to silty, light gray, dolomitic	
	80-95	15		Dolomite, light gray, broken, mixed with drift	
N I A G A R A	95-202	107		Dolomite, light gray somewhat shaly 160-165	
	122				

Pumped 80 g.p.m. with pump at 120 ft.

Additional copies may be secured from Wisconsin Geological Survey, Science Hall, Madison 6, Wis.

WELL NO. 2, HARVEST ESTATES SUBDIVISION, MILWAUKEE, MILWAUKEE CO., WIS.

SE $\frac{1}{4}$ sec. 31, T. 8 N., R. 21 E.

Milaeger Well Drilling Co., Contractors, 1957

Samples examined by F. T. Thwaites and J. B. Steuerwald, Nos. 195098-195109

I A C	0-10	10		Till, red-brown to brown gray, dolomitic	16" pipe cement 40 40 water 10" pipe
	10-75	65		Till, gray, dolomitic	
95	75-95	20		Dolomite, medium gray, broken, drift	95 10" hole
I A C	95-235	140		Dolomite, medium to light gray	
	235-250	15		Dolomite, light gray; chert, white	
155					

tested 8 hours at 200 g.p.m. specific capacity = 1.25 g.p.m./ft.

Additional copies may be secured from Wisconsin Geological Survey, Science Hall, Madison 6, Wis.

BUTLER (TEWS) LIME AND CEMENT CO., WELL, BUTLER, MILWAUKEE CO., WIS.
 SW¹/₄SW¹/₄ sec. 31, T. 8 N., R. 21 E. 12005 W. Hampton Ave.
 Milaeger Well Drilling Co., 1957
 Samples examined by F. T. Thwaites and J. B. Steuerwald, Nos.
 194884-194899

D R I F T	0-65	65		Till, gray, dolomitic	16" pipe cement 20 30 water 10" pipe 75 10" hole	
	65					
	N I A G A R A	65-90	25			Dolomite, light gray, some medium gray
		90-105	15			Dolomite, light to medium gray, yellow-gray, broken
		105-135	30			Dolomite, light to medium gray, yellow-gray
		135-150	15			Dolomite, light to medium gray
		150-190	40			Dolomite, light gray, light yellow-gray, very little chert, white
		190-200	10			Dolomite, light gray
200-205		5		Dolomite, lt. gray, lt. yellow-gray		
205-245	40		Dolomite, light gray; chert, white			
180						

Tested 8 hours at 150 g.p.m. specific capacity = 1.38 g.p.m./ft.
 Additional copies may be secured from Wisconsin Geological Survey, Science Hall, Madison 6, Wis

GRANVILLE

WELL NO. 1, ROBERT WILLIAM PARK, GLENDALE, WIS.

107th St and Silver Spring Road, NW, NW, NW sec. 32, T. 8 N., R. 21 E

Milaegeer Well Drilling Co., 1955

Samples examined by S. T. Thwaites, Wisconsin Geological Survey,
Nos. 180501-180561

D R I L L I N G L O G	50	0-40	40		Till, gray, dolomitic	F L O W 1 5 a t 4 0 0 g. p. m. 1 6 " pipe c e m e n t 4 0 1 0 " pipe 6 0 1 0 " hole
		40-50	10		Gravel, coarse, stony	
		50-70	20		Dolomite, medium-gray, soft	
		70-135	65		Dolomite, light gray	
		135-160	25		Dolomite, very light gray	
		160-230	70		Dolomite, light gray	
		230-265	35		Dolomite, light gray; chert, white	
236		265-306	41		Dolomite, very light gray	

natural flow 200 g.p.m. Pumping 400 g.p.m. lowers water to 15
 additional copies may be secured from Wisconsin Geological Survey, Science Hall, Madison 6, W

HAMPTON HEIGHTS CO-OP

(GERALD E. WICHEAN WELL) MILWAUKEE CO., WIS.





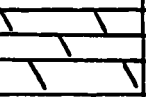
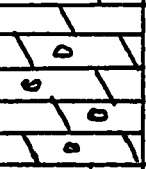
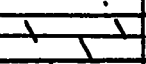
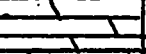

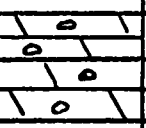
N. 107th St and W. Hampton Road SE $\frac{1}{4}$, SE $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 32, T. 8N.,

Milaeger Well Drilling Co., 1955

R. 21E.

Samples examined by F. T. Thwaites and John Steuerwald

Nos. 197863-197902

D F E	0-25	25		Till, light brown-gray, dolomitic	16" pipe cement 40 10" pipe 75 water
	25-80	55		Till, medium gray, dolomitic	
	80-85	5		No sample	
	85-120	35		Till, medium gray, dolomitic	
	120-148	28		Drift, no samples	
	148				
A C A	148-180	32		Rock, no samples	148
	180-210	30		Dolomite, light-medium gray	10" hole
	210-217	7		No samples	
	217-234	17		Dolomite, light gray, slight oxidation of cracks	
	234-270	36		Dolomite, light gray to medium gray; some chert, white	
	270-278	8		No samples	
	278-287	9		Dolomite with openings, light gray	
	287-298	11		Dolomite, light and medium gray	
	298-304	6		Dolomite, light gray; chert, white	
	304-312	8		No sample	
	312-335	23		Dolomite, light gray; some chert, white	
	335-360	25		No samples	
212					

Tested at 220 g.p.m. specific capacity = 1.76 g.p.m./ft.

Additional copies may be secured from Wisconsin Geological Survey, Science Hall, Madison 6, Wis.

WELL NO. 2, ROBERT WILLIAM PARK, MILWAUKEE CO., WIS.

103rd St., and Silver Spring Road (W. Custer) SE $\frac{1}{4}$, NW $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 32, T.8N.

Milaeger Well Drilling Co., 1955

R.21E.

Samples examined by F. T. Thwaites and John Stuerwald, Nos. 186077-186134

Alt = 715'

I	0-20	20		Sand, very fine, dolomitic, light yellow-gray	16" pipe 12 water cement
	20-35	15		Till, rusty gray, weathered	
	35-60	25		Till, light gray, dolomitic	
64	60-64	4		Sand, medium to coarse; till sandy, dol, gy	10" pipe 64
F R	64-85	21		Dolomite, light to very light gray, little blue-gray	10" hole
	85-105	20		Dolomite, medium gray	
	105-225	120		Dolomite, light gray	
	225-280	55		Dolomite, light gray; chert, white	
	280-305	25		Dolomite, light gray	
241					

Tested at 300 g.p.m. specific capacity = 10.7 g.p.m./ft.

APPENDIX D
PHONE CONVERSATION RECORDS

PHONE CONVERSATION RECORD

Conversation with:
Name Chad Czarnecki
Company W DNR
Address Milwaukee

Phone 414-263-8687
Subject Wells in NW Milwaukee

Date 10/9/91
Time 8:30 (AM) PM
 Originator Placed Call
 Originator Received Call
W.O. NO. 2687-07-01-0029

Notes:

The WDNR has a list of wells in Milwaukee as of 1978. There is not a record of how the list was constructed, or what agency constructed the list. Chad will send the list to WESTON.

The only high capacity wells in the area of NW Milwaukee is around 100th and Hampton at Robert Williams Park - not in the study area.

All well ~~log~~ constructors reports and well abandonment reports are on file at the WDNR and are open to the public.

WDNR
2300 N. King Dr. (3rd St)
Milwaukee, WI 53212

open 7:45-4:30

Chad recommended calling Rudy Petrovich at the plumbing inspectors to see about the list origin.

- File _____
- Tickle File _____ / _____ / _____
- Follow-Up By: _____
- Copy/Route To: _____

Follow-Up-Action: _____

Originator's Initials _____

PHONE CONVERSATION RECORD

Conversation with:

Date 10, 9, 91

Name _____
Company Agua Water Well Drilling and
Address Service

Time _____ AM/PM

Phone 414-375-3833
Subject Wells in NW Milwaukee

Originator Placed Call
 Originator Received Call
W.O. NO. 2687-07-01-0029

Notes:

Drilling firms do not keep well constructors reports on file.
However, they do send all constructors and abandonment
reports to the WDNR.

4 Dec: Typical well yields from the dolomite aquifer
for the average household is on the order
of 10-15 gal/min.

- File _____
- Tickle File _____ / _____ / _____
- Follow-Up By: _____
- Copy/Route To: _____

Follow-Up-Action: _____

Originator's Initials _____

PHONE CONVERSATION RECORD

Conversation with:

Name _____
Company Milwaukee County Public
Address Works
Phone 414-278-4833
Subject Wells in Milwaukee

Date 10, 9, 91

Time _____ AM/PM

Originator Placed Call

Originator Received Call

W.O. NO. 2687-07-01-0029

Notes:

has no well records, recommended calling the city at 278-3710

The city keeps no well records and recommended calling the WDNR.

File _____

Tickle File _____ / _____ / _____

Follow-Up By: _____

Copy/Route To: _____

Follow-Up-Action: _____

Originator's Initials _____

PHONE CONVERSATION RECORD

Conversation with:
Name Mr. Tabaska
Company Milwaukee Water Engineering
Address Dept
Phone 414-278-2393
Subject -2420 wells in Milwaukee

Date 10 / 9 / 91
Time _____ (AM/PM)
 Originator Placed Call
 Originator Received Call
W.O. NO. 2687-07-01-0029

Notes:
The Water Engineering Dept does not keep or have any records of private well. Suggested calling the plumbing inspector at 414-278-3361

19 Nov - 3pm -
Mr. Tabaska looked up when the water main was constructed along N. Granville Rd - The earliest possible hook-up to municipal water was 1961.

- File _____
- Tickle File _____ / _____ / _____
- Follow-Up By: _____
- Copy/Route To: _____

Follow-Up-Action: _____

Originator's Initials _____

PHONE CONVERSATION RECORD

Conversation with:
Name Irene Lippelt
Company WATTS WATTS
Address Madison
Phone 608-262-7430
Subject _____

Date 11 / 1 / 91
Time _____ (AM) PM
 Originator Placed Call
 Originator Received Call
W.O. NO. _____

Notes:

Well logs & constructors reports were ordered for SB, TBN R21E. These sections have the most wells identified from the list, from Milwaukee. If all sections from the survey area were ordered, then there would be hundreds of reports.

19 Nov Well constructors reports stopped in the late 1950's. This indicated that households connected to city water according to Irene.

- File _____
- Tickle File _____ / _____ / _____
- Follow-Up By: _____
- Copy/Route To: _____

Follow-Up-Action: _____

Originator's Initials _____



T. Harding
Originator

PHONE CONVERSATION RECORD

Conversation with:
Name Rody Petrovich
Company Plumbing Insp. M.I.
Address _____
Phone 414-278-3361
Subject _____

Date 12, 5, 91
Time _____ AM/PM
 Originator Placed Call
 Originator Received Call
W.O. NO. 2687-27-01-0029

Notes:
- Rody has no knowledge of the list of wells. However, he said that if a household is within 200' of a water main ~~then~~ and is caught with a private well, they are ordered to hook-up to the main.

- File _____
- Tickle File _____
- Follow-Up By: _____
- Copy/Route To: _____

Follow-Up-Action: _____

Originator's Initials _____

PHONE CONVERSATION RECORD

Conversation with:

Name Kim

Company Milwaukee drinking water testing

Address _____

Phone 414-278-3538

Subject Wells

Date 12, 5, 91

Time _____ AM/PM

Originator Placed Call

Originator Received Call

W.O. NO. 268707610029

Notes:

samples from
The water testing agency tests private wells in Milwaukee. They keep records for five years of wells that have been sampled.

There is no record of where wells are located. They sample only when asked to.

None of the wells which are on the list of potential wells has been sampled within the last five years, nor has any well in the vicinity of the 7 wells.

- File _____
- Tickle File _____ / _____ / _____
- Follow-Up By: _____
- Copy/Route To: _____

Follow-Up-Action: _____

Originator's Initials _____