1.8.2.8

Wisconsin Electric POWER COMPANY
231 WEST MICHIGAN, MILWAUKEE, WISCONSIN 53201

March 2, 1983

Mr. Snorre Gronbeck
Private Water Supply Section
Wisconsin Department of Natural Resources
P. O. Box 7921
Madison, WI 53707

Dear Mr. Gronbeck:

High Capacity Well Permit Application for
Wisconsin Electric Property at Point Beach Nuclear Plant

Wisconsin Electric is planning on installing two new potable use wells on its Point Beach Nuclear Plant property. We have been advised by you that we need DNR approval of an application for a high capacity well system before we can install and operate the two new wells. This is because the aggregate capacity of all wells operating on the property would exceed 70 GPM.

In accordance with the provisions of NR112.26, Wisconsin Administrative Code, this letter is our application and transmits supporting documentation for a high capacity well permit to cover existing and the proposed two new wells on Company property at the Point Beach Nuclear Plant, Two Creeks, Wisconsin. As shown on the enclosed site plan (Sketch A), there are six private residences on Company property in addition to the power plant. We have been able to locate specific construction and installation data on the plant well and two house wells and anticipate that the other houses have similar systems. These houses were acquired over 20 years ago and are older residences which probably predate the establishment of state well records. Both Company and DNR files were checked for well data.

The proposed two new wells are intended to supply domestic water to two new facilities at the plant: the site boundary control center and the steam generator replacement building. Each of these facilities is totally independent of and physically separated from the existing water supply system at the power plant. Both proposed new wells will be designed for 20 GPM capacity each but will routinely operate at much lower average daily use rates.

Since this high capacity permit application is necessitated by the aggregation of several independent domestic supply wells spread over a relatively large area, no one of which has a capacity greater than 70 GPM, we do not feel that any monitoring is required for this system.

Attached are:

1. The location map (Sketch A) as referenced earlier in this application,
2. well construction reports for the existing plant well and two house wells on the property,
3. construction details for the proposed two new wells (Drawing PB-021), and
4. a sketch showing a schematic flow diagram of piping inside the pumphouse for the existing plant well.

This last item is in response to your recent question regarding ability to sample the present well at the plant. The existing plant well has a water sampling tap but is not equipped with an airline or water level measuring point.

Please contact me at (414) 277-2156 should you have any questions or require further information.

We would like to be in a position to install the two new wells this month. Please advise.

Very truly yours,

Original signed by
J. W. Lingle

James W. Lingle
Superintendent
Chemical Services Division
Environmental Department

Enclosures

cc: DNR Green Bay

JWL/CTG/TJ/db/E-c

bcc: Messrs. R. W. Reagan
J. J. Zach

ED File: 1.8.2.8

HIGH CAPACITY WELL OUTLINE

1. OWNERSHIP:

Wisconsin Electric Power Company
231 West Michigan Street
Milwaukee, Wisconsin 53203

2. OFFICIAL:

Nicholas A. Ricci, Senior Vice President
Wisconsin Electric Power Company
231 West Michigan Street
Milwaukee, Wisconsin 53203

3. PROPERTY LOCATION:

The Point Beach Nuclear Plant is situated in the Town of Two Creeks at 6610 Nuclear Road.

4. PRESENT WELL LOCATION:

See attached site plan. Data for three wells exist and are provided herein:

a. Point Beach Nuclear Plant, NW corner of Sec. 24, T.21N., R.24E.
b. Private residence approximately 5,000 feet north of the power plant, NE corner of Sec. 14, T.21N., R.24E.
c. Private residence approximately 6,000 feet west of the power plant, SW corner of Sec. 14, T.21N., R.24E.
d. The other four residences on the property are presumed to have wells. However, no data are available from the Company or DNR files.

5A. EXISTING WATER SUPPLY (POWER PLANT WELL):

Give detailed information covering all sources of supply presently used on the premises. If the water is derived from well(s), the following details for each existing well unit are to be given:

At present, only one well exists at the power plant:

a. Depth of well - 257 feet.
b. Diameter of bore hole(s), casing(s), and liner(s) - 16-inch and 10-inch.
c. Depth of casing(s) - 16-inch extends from the surface to a depth of 112 feet, and 10-inch extends from the surface to a depth of 129 feet.
d. Thickness of well casing(s) - 16-inch is .250 inches thick, and 10-inch is .307 inches thick.
e. Well casing and liner pipe material - steel.
f. Geological formations penetrated by the well - Glacial drift and Niagara dolomite.

g. Grouting material - neat cement and pressure grout,
h. Static and dynamic water levels in the well at the present time and when it was first placed in service - the static and dynamic water levels in the well are essentially unchanged from when the well was placed in service, 12 feet and 37 feet, respectively.
i. Date the well construction was completed - May 5, 1967.
j. Sketch of pump installation and manner of connection to the water system - attached. The installation was recently inspected by DNR and meets code requirements (copy of inspection report is attached).
k. Capacity of well pump as presently operated - 65 GPM and to remain unchanged.
l. Names of well driller and owner at time of construction - Egerer-Galloway Well Corp., Wisconsin Michigan Power Company, now Wisconsin Electric Power Company.
m. Height well terminates above ground, floor, or etc. - 1 foot.
n. Location of sampling faucet - as per state code.
o. Indicate distance from well to sources of pollution -

Residence	>5,000 feet
Septic Tank	>5,000 feet
Barn	>5,000 feet
Drain Field	>5,000 feet
Silo	>5,000 feet
Oil Storage Tanks	300 feet
Sanitary Holding Tank/Lift Station	>5,000 feet
Sewage Plant	500 feet

p. Distances from proposed site boundary control center well to nearest private wells on neighboring properties - >2,800 feet.

5B. EXISTING WATER SUPPLY (RESIDENTIAL WELLS):

Construction details given on attached well constructor's reports. Each well is connected to house system as follows: 6 x 1 weld on pitless adaptor into 1 inch K copper piping into basement pressure tank. Sampling port located between pressure tank and house system.

6A. PRESENT WELL WATER CONSUMPTION (POWER PLANT WELL):

Complete information covering amount and use of well water on the premises is presented below.

a. Low usage consumption in gallons per day - 200.
b. Normal water consumption in gallons per day - 6,000.
c. Maximum consumption in gallons per day - 9,000.
d. Average water consumption in gallons per day - 4,600.
e. Pumping rate in gallons per minute - 65.
f. Hours of pumpting each day - one hour (60 minutes).
g. Number of normal and maximum days of pump operation per year -

50 maximum days
200 normal days
115 low usage days

h. Percentage of average daily consumption used for various purposes throughout the plant - 100%, used by personnel for sanitary/domestic purposes.

i. Estimate as to the increase in consumption following completion of the proposed new wells - the proposed wells should not increase consumption by more than 4,000 gallons per day.

6B. PRESENT WELL WATER CONSUMPTION (RESIDENTIAL WELLS):

Present capacity of each well assumed to be approximately 30 gpm, the estimated daily usage for each well is approximately 500 gpd.

7. PROPOSED CONSTRUCTION:

Specifications and drawings of the proposed wells are included with this outline.

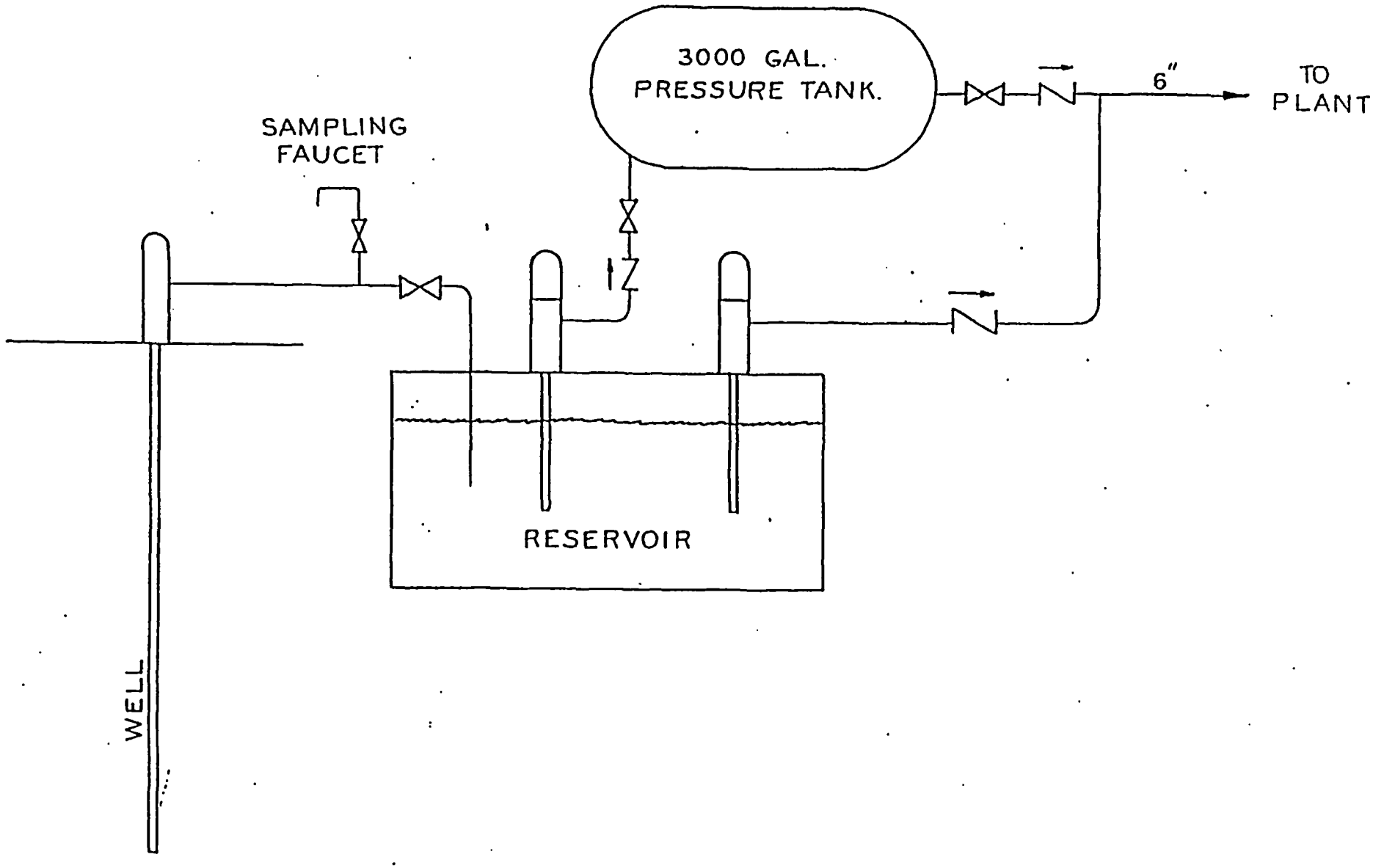
8. ALTERNATE SOURCES:

No other alternative water source is felt to be feasible.

9. PUBLIC UTILITY WELLS:

No public well water utility is located within five miles of the proposed wells.

TJ/tdb/E-c



FLOW DIAGRAM OF PIPING INSIDE WELL

WATER PUMPHOUSE

POINT BEACH NUCLEAR PLANT

'ELL CONSTRUCTOR'S REPORT — WISCONSIN STATE BOARD OF HEALTH — Wel 6

COUNTY: Manitowoc | CHECK ONE: ☒ Town ☐ Village ☐ City | NAME: Two Creeks

TION (Number and Street or ¼ section, section, township and range. Also give subdivision name, lot and block numbers when available.)
SE-NW 24 T21N R23E 34

OWNER AT TIME OF DRILLING
Wisconsin Michigan Power Co.

OWNER'S COMPLETE MAIL ADDRESS
307 S. Oneida. Appleton, Wis. 54910

Distance in feet from well to nearest: (Record answer in appropriate block)	BUILDING	SANITARY SEWER C.I.	SANITARY SEWER TILE	FLOOR DRAIN C.I.	FLOOR DRAIN TILE	FOUNDATION DRAIN SEWER CONNECTED	FOUNDATION DRAIN INDEPENDENT	WASTE WATER DRAIN C.I.	WASTE WATER DRAIN TILE
	15	-	-			250±	Future	15'±	to stream

CLEAR WATER DRAIN C.I.	CLEAR WATER DRAIN TILE	SEPTIC TANK	PRIVY	SEEPAGE PIT	ABSORPTION FIELD	BARN	SILO	ABANDONED WELL	SINK HOLE
1'± to stream		700' ± to Pump House Foundation		700'					

HER POLLUTION SOURCES (Give description such as dump, quarry, drainage well, stream, pond, lake, etc.)

Well is intended to supply water for: Potable Use

DRILLHOLE

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
16	Surface	129			
10	129	257			

10. FORMATIONS

Kind	From (ft.)	To (ft.)
Glacial	Surface	109
Limestone	109	257

CASING, LINER, CURBING, AND SCREEN

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Steel	Surface	112
0	" .307	+2	129

C 'T OR OTHER SEALING MATERIAL

Kind	From (ft.)	To (ft.)
eat Cement, Pressure Grout	Surface	129

Well construction completed on 5/15 19 67

. MISCELLANEOUS DATA

eld test: 27+ Hrs. at 60 GPM

Well is terminated 24 inches ☒ above ☐ below final grade

pth from surface to normal water level 12 ft.

Well disinfected upon completion ☒ Yes ☐ No

pth to water level when pumping 33 ft.

Well sealed watertight upon completion ☒ Yes ☐ No

ater sample sent to Approved Lab. #68 laboratory on: 19

ur opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby ells, screens, seals, type of casing joints, method of finishing the well, amount of cement used in grouting, blasting, sub- rf pumprooms, access pits, etc., should be given on reverse side.

E EGERER-GALLOWAY WELL CORP. — COMPLETE MAIL ADDRESS: P. O. Box 7296, Milwaukee, Wis. 53213

Wm. A. Cummings — Registered Well Driller

Please do not write in space below

LIFORM TEST RESULT	GAS — 24 HRS.	GAS — 48 HRS.	CONFIRMED	REMARKS

1815 University Avenue, Madison, Wisconsin 53706 Sample Nos.: 276036-276134

Well name Wisconsin Michigan Power Co.
Two Creeks, Wisconsin
r.... Wisconsin Michigan Power Co.
ess.. 807 S. Oneida
Appleton, Wisconsin 54910
Driller.. Egerer-Galloway Well Corp.
Engineer.

County: Manitowoc

Completed... 5-15-67
Field check.
Altitude....
Use..... Drinking
Static w. l. 12'
Spec. cap... 2.8

R. 24E
T. 21 N.
Sec. 24

Quad. Manitowoc 15'

Drill Hole						Casing & Liner Pipe or Curbing							
ia.	from	to	Dia.	from	to	Dia.	Wgt.& Kind	from	to	Dia.	Wgt.& Kind	from	to
6"	0	129'				16"	Steel	0'	112'				
0"	129'	257'				10"	Steel .307	+2"	129'				

Grout: Kind	from	to
c-- cement, pressure grout	0	129'

Samples from 0 to 255' Date received: 6-6-67 Issued: 12/68
Examined by: J. Warren Date: 9-3-67

Formations: Drift, Silurian

Remarks: Well tested for 27+hrs. at 60 gpm with 21 ft. of drawdown.
Corrected well depth to 257'

LOG OF WELL:

0-5	5	Cl,pl rd bn,F srtg,dolic,tr V fn gvl;mch fn/C snd,lt1 C&VC
5-10	5	Cl,pl rd bn,F srtg,dolic,lt1 Vfn/VC snd,tr fn&Vfngvl,l-1 mot wh;
10-25	15	Cl,pl rd bn,F srtg,dolic,lt1 mot gry bn;lt1 fn/VC snd,tr fn& V fn gvl&org mat
25-50	25	Cl,pl gry rd,P srtg;lt1 st,tr Vfn snd/fn gvl
50-55	5	Cl,pl rd bn,P srtg,dolic,lt1 st, tr Vfnsnd/fn gvl
55-65	10	Cl,gry rd,P srtg,dolic;lt1 st&Vfn snd,tr fn snd/Vfn gvl
65-70	5	Cl,pl rd bn,P srtg,dolic; lt1 st/Csnd,tr VC&Vfn gvl
70-90	20	NO SAMPLES
90-100	10	Cl,pl rd bn,Psrtg,dolic;lt1 st/M gvl
100-105	5	Cl,pl rd bn,P srtg,dolic;lt1 fn&Vfn snd,tr M snd/fn gvl
105-110	5	Snd,wh pl gn&pl gry,P srtg,marly,dol;lt1 fn&M; l-1 Vfngvl
110-115	5	Dol,yl gry&lt gry,dns,tr fn;tr fn xln pyr
115-120	15	Dol,yl gry mot pl or,Vfn,dns,tr fn;
120-135	5	Dol,bl or wh&lt gry,fn&Vfn,dns,lt1 sug;trM;trVfn xln pyr
135-140	5	Dol,Vpl or&Vlt gry,M&fn,dns,sug;
140-150	10	Dol,wh mot Vpl gn,fn,dns,lt1 sug;lt1 gn sh,tr pyr
150-160	10	Dol,wh mot Vpl gn,fn,dns,sug;lt1M,trC;lt1 gn sh,tr Vfn Xln pyr
160-170	10	Dol,wh mot Vpl gn,fn,dns,tr sug,lt1M,tr C;tr gn sh&pyr
170-185	15	[illegible]

Well name Wisconsin Michigan Power Co. Two Creeks, Wisconsin
Sample Nos. 276086 to 276134

SILURIAN	190-205	15		Dol,Vpl or,fn&Vfn,dns,ltl suc,tr M&C;
	205-215	10		Dol,mot wh,fn,dns,tr suc,ltlM,trC&Vfn;fn xln pyr
	215-220	5		Dol,Vpl or mot yl gry&wh,M&fn,dns,ltl suc;tr gn sh&pyr
	220-225	5		Dol,gry or mot wh,M&fn,dns,ltl suc;tr gn sh&pn cht
	225-230	5		Dol,Vpl or,fn,dns,ltlM&Vfn,tr ang;tr gn sh&cht
	230-235	5		Dol,yl bn mot gry or&yl gry,fn,dns ltlM&Vfn,tr C,tr suc;tr disc
	235-245	10		Dol,yl gry mot lt gry yl bn,dns,ltl sft,M&suc&Vfn;tr gn sh&disc
	245-250	5		Dol,yl gry&Vlt gry,fn&Vfn,dns,tr M&suc;tr fnxln pyr
145	250-255	5		Dol,yl grn&Vlt gry,fn,dns,ltl sft trVfn,ltlSuc;tr gn sh&xln pyr

END OF WELL

State of Wisconsin
Department of Natural Resources
Private Water Supply
Box 7921
Madison, Wisconsin 53707

NOTE:
White Copy – Division's Copy
Green Copy – Driller's Copy
Yellow Copy – Owner's Copy

WELL CONSTRUCTOR'S REPORT
Form 3300–15 Rev. 2-79

UNTY

CHECK (✓) ONE: ☐ Town ☐ Village ☐ City Name

2. LOCATION: ¼ Section or Gov't. Lot | Section | Township | Range

OR – Grid or Street No. | Street or Road Name

AND – If available subdivision name, lot & block No.

3. NAME ☐ OWNER ☐ AGENT AT TIME OF DRILLING CHECK (✓) ONE

ADDRESS 23[illegible] Michigan St.(R.E. Dept.)

POST OFFICE [illegible], Wis. ZIP CODE 5[illegible]1

4. Distance in feet from well to nearest: (Record answer in appropriate block)

Building	Sanitary Bldg. Drain		Sanitary Bldg. Sewer		Floor Drain Connected To:		Storm Bldg. Drain		Storm Bldg. Sew	
	C.I.	Other	C.I.	Other	C.I. Sewer	Other Sewer	C.I.	Other	C.I.	Other
12	–	–	–	–	–	–	–	–	–	–

Street Sewer		Other Sewers		Foundation Drain Connected to		Sewage Sump		Clearwater Sump	Septic Tank	Holding Tank	Sewage Absorption Unit	Manure Hopper or Retention or Pneumatic Tank
San.	Storm	C.I.	Other	Sewer		Sewage Sump		–	75	–	Seepage Pit	–
–	–	–	–	Clearwater Dr.		Clearwater Sump					Seepage Bed 100	
											Seepage Trench	

Privy	Pet Waste Pit	Pit: Nonconforming Existing		Subsurface Pumproom Nonconforming Existing	Barn Gutter	Animal Barn Pen	Animal Yard	Silo With Pit	Glass Lined Storage Facility	Silo w/o Pit	Earthen Silage Storage Trench Or Pit	Earthen Manure Basin
–	–	Well		–	–	–	–	–	–	–	–	–
		Pump	–									
		Tank										

Temporary Manure Storage or Platform	Watertight Liquid Manure Tank or Basin	Manure Pressure Pipe	Subsurface Gasoline or Oil Tank	Waste Pond or Land Disposal Unit (Specify Type)	Manure Storage Basin Concrete Floor Only Concrete Floor and Partial Concrete Walls	Other (Describe)
–	–	–	–	–		–

5. Well is intended to supply water for: Home

6. DRILLHOLE

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
[illegible]0	Surface	100	6	100	105

7. CASING, LINER, CURBING AND SCREEN

Dia. (in.)	Material, Weight, Specification Mfg. & Method of Assembly	From (ft.)	To (ft.)
6	A.I-5A	Surface	100
	Jones & Laughlin		
	Welded joint		
	wt. 18.97 per ft.		

8. GROUT OR OTHER SEALING MATERIAL

Kind	From (ft.)	To (ft.)
Drilling mud	Surface	100

9. FORMATIONS

Kind	From (ft.)	To (ft.)
clay	Surface	90
hard pan	90	100
limestone	10[illegible]	105

10. TYPE OF DRILLING MACHINE USED

☐ Cable Tool ☐ Rotary-air w/drilling mud ☐ Rotary-w/drilling mud ☐ Rotary-hammer w/drilling mud & air ☐ Rotary-hammer & air ☐ Reverse Rotary ☐ Jetting with ☐ Air ☐ Water

Well construction completed on May 27, 19 82

11. MISCELLANEOUS DATA

Yield Test: 4 Hrs. at 50 GPM

Depth from surface to normal water level 40 Ft.

Depth of water level when pumping 40 Ft. Stabilized ☒ Yes ☐ No

Well is terminated 8 inches ☒ above ☐ below final grade

Well disinfected upon completion ☒ Yes ☐ No

Well sealed watertight upon completion ☒ Yes ☐ No

Water sample sent to _____ laboratory on _____ 19____

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, method of finishing the well, amount of cement used in grouting, blasting, etc., should be given on reverse side.

Signature

or SOFT PENCIL | Bacteriology

State of Wisconsin
Department of Natural Resources
Division of Water Supply
P.O. Box 7921
Madison, Wisconsin 53707

NOTE:
White Copy — Division's Copy
Green Copy — Driller's Copy
Yellow Copy — Owner's Copy

WELL CONSTRUCTOR'S REPORT
Form 3300-15 Rev. 2-79

COUNTY: Manitowoc

CHECK (✓) ONE: ☒ Town ☐ Village ☐ City

Name: Two Creeks

2. LOCATION

¼ Section or Gov't. Lot	Section	Township	Range
SW SW	14	21N	24E

OR — Grid or Street No. — Street or Road Name: Hwy 42

AND — If available subdivision name, lot & block No.:

3. NAME ☒ OWNER ☐ AGENT AT TIME OF DRILLING CHECK (✓) ONE

Wisconsin Electric Power Co.

ADDRESS: 231 W. Michigan St.

POST OFFICE: Milwaukee, Wis. ZIP CODE: 53201

4. Distance in feet from well to nearest: ! (Record answer in appropriate block)

Building	Sanitary Bldg. Drain		Sanitary Bldg. Sewer		Floor Drain Connected To:		Storm Bldg. Drain		Storm Bldg. Sewer	
	C.I.	Other	C.I.	Other	C.I. Sewer	Other Sewer	C.I.	Other	C.I.	Other
10	—	—	—	—	—	—	—	—	—	—

Street Sewer		Other Sewers		Foundation Drain Connected to		Sewage Sump		Clearwater Sump	Septic Tank	Holding Tank	Sewage Absorption Unit	Manure Hopper or Retention or Pneumatic Tank
San.	Storm	C.I.	Other	Sewer	Sewage Sump	C.I.	Other				Seepage Pit	
—	—	—	—	Clearwater Dr.	Clearwater Sump	—	—	—	75	—	Seepage Bed 10	—
											Seepage Trench	

Privy	Pit Waste Pit	Pits Nonconforming Existing	Subsurface Pumproom Nonconforming Existing	Barn Gutter	Animal Barn Pen	Animal Yard	Silo With Pit	Glass Lined Storage Facility	Silo w/o Pit	Earthen Silage Storage Trench Or Pit	Earthen Manure Basin
—	—	Well	—	—	—	—	—	—	—	—	—
		Pump									
		Tank									

Temporary Manure Stac Platform	Watertight Liquid Manure Tank or Basin	Manure Pressure Pipe	Subsurface Gasoline or Oil Tank	Waste Pond or Land Disposal Unit (Specify Type)	Manure Storage Basin: Concrete Floor Only / Concrete Floor and Partial Concrete Walls	Other (Describe)
—		—	—	—		—

5. Well is intended to supply water for: Home

6. DRILLHOLE

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
	Surface	127	6	127	182

7. CASING, LINER, CURBING AND SCREEN (Material, Weight, Specification)

Dia. (in.)	Mfg. & Method of Assembly	From (ft.)	To (ft.)
6	API-5A	Surface	127
	Jones & Laughlin		
	Welded joint		
	Wt. 18.97 per ft.		

8. GROUT OR OTHER SEALING MATERIAL

Kind	From (ft.)	To (ft.)
Drilling mud	Surface	127

9. FORMATIONS

Kind	From (ft.)	To (ft.)
clay	Surface	98
sand	98	127
limestone	127	182

10. TYPE OF DRILLING MACHINE USED

☐ Cable Tool ☒ Rotary-hammer w/drilling mud & air ☐ Jetting with
☐ Rotary-air w/drilling mud ☐ Rotary-hammer & air ☐ Air ☐ Water
☐ Rotary-w/drilling mud ☐ Reverse Rotary

Well construction completed on: May 6, 1982

11. MISCELLANEOUS DATA

Yield Test: 4 Hrs. at 30 GPM

Depth from surface to normal water level: 60 Ft.

Depth of water level when pumping: 60 Ft. Stabilized ☒ Yes ☐ No

Well is terminated: 18 inches ☐ above ☐ below final grade

Well disinfected upon completion ☒ Yes ☐ No

Well sealed watertight upon completion ☒ Yes ☐ No

Water sample sent to: Madison laboratory on: May 17, 1982

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, method of finishing the well, amount of cement used in grouting, blasting, etc., should be given on reverse side.

Signature: [illegible]

Business Name and Complete Mailing Address: Williams Well Drilling

TYPE OR USE HEAVY BLACK INK

WATER BACTERIOLOGY

READ DIRECTION SHEET CAREFULLY BEFORE PROCEEDING

OWNERSHIP: PRIVATE ☐ MUNICIPAL ☐ INSTITUTION ☐ SCHOOL ☐
INDUSTRY ☒ LICENSED ESTABLISHMENT ☐ TYPE:

SOURCE TYPE: SPRING ☐ SWIMMING BEACH ☐ SWIMMING POOL ☐ WELL ☒
LAKE ☐ RIVER ☐ NAME OF

SEND REPORT TO:

WIS ELECTRIC POWER CO.
% KIMMES
CITY: TWO CREEKS ZIP CODE
WISCONSIN

MUNICIPAL SAMPLES ONLY: NO ☐ YES ☐
IS FLUORIDE TEST DESIRED

CHEMICAL TESTS ONLY ☐
SPECIFY:

SUPPLY TREATED WITH:
FLUORIDE ☐ PHOSPHATES ☐ CHLORINE ☐ FILTER ☐

REMARKS:
TESTED BY CRAIG KOWALSKI

LOCATION:
VILLAGE ☐ TOWN ☒ CITY ☐ OF: TWO CREEKS

COUNTY: MANITOWOC

SAMPLE TAKEN FROM (DESCRIBE FULLY):
DRILLED WELL

DATE & HOUR SAMPLE COLLECTED: 5/17/82 1:00PM

COLLECTED BY: ROGER KIMMES

LABORATORY RESULTS

PRES. 24 HRS:	0/5
48 HRS:	0/5
CONFIRM	
COLIFORM GROUP:	

INTERPRETATION:
SAFE
J.W.

Two Rivers Water Utility
Laboratory
Laboratory Certification No.
59 FERAL

DATE RECEIVED: 5/17/82

LABORATORY NUMBER: 59

DATE REPORTED: 5/19/82

USE ONLY BLACK INK OR SOFT PENCIL

Bacteriology
Water

Date of Collection: May (Month) — (Day) . 82 (Year)

Collected by: Red Willms Hour: 1 PM

Owner's Name: Wis Elec Power Co

Address: 231 W Michigan St Milw

Mail Report to:

Red Willms
RI
CITY: Hurley 54126 (ZIP CODE)
WISCONSIN

№ 240267

Address of Well or Other Well Location: Wis Elec Power Co Iron Creek
Monroe (County) Lincoln (Town) — (City)
SW¼ SW¼ (¼ Section) 14 (Section) 21N (Township) 24E (Range)

Well Constructor's Name and Address:
Red Willms
RI Hurley

Pump Installer's Name and Address:
Don Klaus

Exact Sample Location:
Pressure Tank
(Sampling Faucet; House Tap; Milkhouse; Barn; Etc.)

Type of Supply: Municipal ☐ Private ☒
Institution ☐ School ☐ Industry ☐
Licensed Establishment ☐
Specify Name Home

Type of Source:
Well ☒ Swimming Beach ☐
Lake or River ☐ Pool ☐
Name

Well Data:
Date of Well Construction: May (Month) 6 (Day) 82 (Year)
Type of Well: Drilled ☒ Driven Point ☐
Dug ☐ Other

Remarks:

Casing Diameter	6 inches
Casing Depth	127 feet
Depth to Water	60 feet
Well Depth	185 feet
Distance to Septic Tank	75 feet
Distance to Tile Field	100 feet
Distance to Seepage Pit	— feet

Laboratory Results:
Presumptive 24 hours ____/5
Presumptive 48 hours ____/5
Confirmed Test ____
Coliform Group 0 /5

☒ Bacteriologically Safe

☐ Unsafe Bacteriologically

Date Received MAY 18 82 Lab No. 071822

Date Reported MAY 20 '82 10

S. L. Inhorn, M.D., Director
Wisconsin State Laboratory of Hygiene
Madison, Wisconsin 53706