

STATE OF SOUTH DAKOTA
REISSUED WATER LICENSE NO. 517B-3
DIVISION OF NO. 517-3 INTO NOS. 517A-3 AND 517B-3

(1) The City of Hurley, PO Box 336, Hurley SD 57036-0336 was issued Water License No. 517-3, January 17, 1966 for a right to appropriate 0.93 cubic feet of water per second (cfs) from groundwater (four wells), Turner County, South Dakota, for municipal use purposes. Water Right No. 517-3 with priority dates of April 1913, July 1913 and January 20, 1958 was issued to the City for diversion of water with construction of the supply system completed and the application of water to beneficial use completed.

On September 30, 1992, the Water Management Board validated the vested right portion of No. 517-3. Based on a September 26, 1995 inspection of the system, Water License No. 517-3 is being divided and reissued to separate the vested portion from the water right as follows:

Vested Water Right No. 517A-3 - authorizing the diversion of 0.40 cfs of water from one well. The 1977 replacement well for Well Nos. 1 & 2 is located in the NW 1/4 NW 1/4 Section 26-T98N-R53W with priority dates of April 1, 1913 (0.22 cfs) and July 1, 1913 (0.18 cfs).

Water Right No. 517B-3 - authorizing the diversion of 0.38 cfs from two wells. Both wells are located in the NW 1/4 NW 1/4 Section 26-T98N-R53W. The 1977 replacement well for Wells Nos. 1 & 2 has an additional priority date of January 20, 1958 (0.16 cfs). The remaining well has a priority date of January 20, 1958 (0.22 cfs).

Vested Water Right No. 517A-3 and Water Right No. 517B-3, combined, authorize a total diversion rate of 0.78 cfs from the two wells.

(2) The water right owner is entitled to divert 0.38 cubic feet of water per second for beneficial use. The location of the diversion points are: 1,000 feet east and 100 feet south and 1,000 feet east and 330 feet south; both from the northwest corner of Section 26-T98N-R53W (NW 1/4 NW 1/4).

(3) Pursuant to Section 46-5-30.1 the City of Hurley, PO Box 336, Hurley SD 57036-0336 the holder and/or owner of Water Right No. 517B-3 is issued a license to appropriate 0.38 cubic feet of water per second from groundwater (two wells) with a priority date of January 20, 1958 from the location specified in (2) of this license. The water is to be used for the purpose of municipal use. This license is subject to any limitations, conditions or qualifications listed in Water Right No. 517B-3 and subject to South Dakota State Law.



JOHN HATCH, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUL 18 1996

date



FIELD INVESTIGATION REPORT FOR WATER RIGHT NO. 517-3

DATE OF INVESTIGATION:	September 27, 1995
NAME & ADDRESS OF INVESTIGATION CONTACT/ RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE	Joe Garry, Utility Manager
NAME & ADDRESS OF PERMIT HOLDER	City of Hurley, P/O Box 336, Hurley SD
DIVERSION POINT LEGAL LOCATION	1977 well: 1,000 feet E and 100 feet S; Well No. 3 or 4: 1,000 ft E and 330 ft S; both from the NW corner of section 26-T98N-R53W

Other permit(s) associated with the project: **none**

WELL INFORMATION:

1977 Replacement Well

- 1) Well Drilling Firm: **Schimelfeny Well Drilling**
- 2) No. of Wells **1**
- 3) Depth(s) **43** feet
- 4) Well log is available **Y**

Comment: **Both wells already licensed**

Casing:

- 1) Diameter **12** inches
- 2) Length **23** feet
- 3) Type **steel**

Screen:

- 1) Type **stainless steel**
- 2) Length **20** feet
- 3) Static water level **30** feet

Pump:

- 1) Make **Aurora--Vertiline**
- 2) Model **unknown**
- 3) Capacity **250** GPM

Well No. 3 or 4

- 1) Well Drilling Firm: **unknown**
- 2) No. of Wells **1**
- 3) Depth(s) **approx 30** feet
- 4) Well log is available **N**

Casing:

- 1) Diameter **18** inches
- 2) Length **unknown** feet
- 3) Type **steel**

Screen:

- 1) Type **unknown**
- 2) Length **unknown** feet
- 3) Static water level **12** feet

Pump:

- 1) Make **Layne**
- 2) Model **34062**
- 3) Capacity **100** GPM

Motor:

- 1) Make **General Electric**
- 2) Model No. **5K6238XM501C**
- 3) Horsepower rating **50** hp

Motor:

- 1) Make **US Electrical Motors**
- 2) Serial No. **3211537**
- 3) Horsepower rating **20** hp

DISTRIBUTION LINES OR CANALS:

- 1) Type **City Distribution System**

The city will eventually be hooking up to TM Rural Water

PERMIT QUALIFICATIONS:

- 1) Special qualifications to Permit No. **517-3** being abided by **no qualifications**
- 2) All structures, wells and lands on map **Y**

Water Rights Program -- File Documentation

NAME: City of Hurley

ADDRESS: PO Box 336, Hurley SD 57036-0336

DATE: December 26, 1995 **COUNTY:** Turner **TELEPHONE:** 238-5212

RE: Investigation of Vested Portions of Water Right No. 517-3

COMMENTS:

On September 26, 1995, I completed an investigation of Water Right No. 517-3. The purpose of the investigation was to determine whether the vested portion of the water right was still in use prior to separating vested and nonvested portions of the water license.

INVESTIGATION RESULTS:

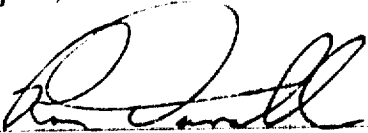
Water Right No. 517-3 authorizes use of four wells with a combined diversion rate of 0.93 cfs. The investigation found two wells in use with a combined diversion rate of 0.78 cfs. Well Nos. 1 and 2 were replaced with a well drilled in 1977 and either well No. 3 or 4 was abandoned. None of the abandoned wells were visible at the well site. The replacement well for well Nos. 1 and 2 (completion report on file) pumps at a rate of 250 gpm (0.56 cfs) and the other well (No. 3 or 4) pumps about 100 gpm according to Joe Garry, Utility Manager. The location of the wells is consistent with the water license and publication notices.

RECOMMENDED ACTION:

Water License No. 517-3 needs to be separated into vested and nonvested portions and the validation document issued with the water licenses. Diversions associated with the 1977 replacement well need to be assigned the following priority dates:

Diversion Rate	Priority Date
0.22 cfs	April 1, 1913
0.18 cfs	July 1, 1913
0.16 cfs	January 20, 1958
0.56 cfs -- Total diversion rate	

The other well (No. 3 or 4) should retain a priority date of January 20, 1958 for 0.22 cfs (100 gpm.) The total diversion rate for both wells (0.78 cfs) is less than the licensed 0.93 cfs.



Ron Duvall, Natural Resources Engineer
Water Rights Program

Water Right No. 517-3**Vermillion - Water District****Report of Examination of Works and/or Application of Water to Beneficial Use**

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, **September 27, 1995**, made a thorough examination of the water use system constructed by the **City of Hurley of PO Box 336, Hurley SD 57036-0336** holder of Water Right No. **517-3**, bearing the priority of **April 1, 1913; July 1, 1913; and January 20, 1958** authorizing the diversion of **0.22** cu. ft. per second (cfs); **0.18** cfs; and **0.53** cfs, respectively, of the waters of **ground water** for **municipal** purposes, in **Turner** County.

I have to report on the conditions of the same as follows:

A. Works used to divert the water:

1977 Replacement Well:**Motor**

Type: **General Electric**
 Model: **5K6238XM501C**
 HP: **50**

Pump

Type: **Aurora--Vertiline**
 GPM: **250**

Well No. 3 or 4 (one well on site)**Motor**

Type: **US Electrical Motors**
 Serial: **3211537**
 HP: **20**

Pump

Type: **Layne**
 GPM: **100**

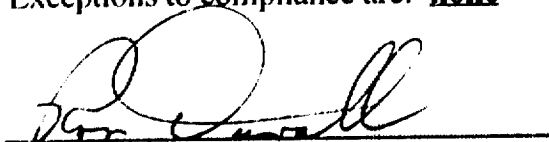
B. Works used to transport water to place of use:

City Distribution System

C. Works used to apply water to beneficial use:

City Distribution System

The system is in the following condition **good**. The point of diversion is located **1977 Replacement Well: 1,000 feet E and 100 feet S (NW1/4 NW1/4); Well No. 3 or 4: 1,000 feet E and 330 feet S (NW1/4 NW1/4); both from the NW corner section 26-T98N-R53W**. The works are capable of diverting and conveying to the place of use **0.78*** cu. ft. per second of water which is to be used for **municipal purposes**.

Applicable permit qualifications have been complied with: Yes **X**Exceptions to compliance are: **none** Date report completed: **December 27, 1995**


Ron Duvall
 Natural Resources Engineer
 DENR, Water Rights Program

*Well	Diversion Rate (cfs)	Priority Date
1977 Replacement	0.22	April 1, 1913
	0.18	July 1, 1913
	0.16	January 20, 1958
No. 3 or 4	0.22	January 20, 1958
Total	0.78	

NOTICE OF WELL CONSTRUCTION

(1) WELL CONSTRUCTION

WELL CONSTRUCTION

Location of well: NW 1/4 NW 1/4 Section 26 Township 98N Range 53W

Well owner: City of Hurley (Name) 238-5212 (Address) So. Dakota

Date well drilling completed: 6-13-77 Purpose of well: municipal (domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer	Depth to top of water producing aquifer	
2 ft	Top soil	13	
4 1/2 ft	sand Gravel	30	
		Name of producing aquifer (if known)	1st
		Total depth of drill hole	43
		Depth to bottom of casing	23
Casing information: In the space below show kind, size, weight, length per diameter, etc., for production casing and surface casing, if used.		Steel 12 3/4 44.2 lbs per ft.	
		12" casing	
Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.		20 ft 12" 304 Heavy Construction	
		Stainless Steel Johnson Screen 6	
		500	
If a flowing well, flow of completed well		600	gpm
Ephraim, New York Drilling			

Attach sheet if more space is needed

Attach sheet if more space is needed

Schimmelfeng Well Drilling
Name of Drilling Contractor

(2) PUMP INSTALLATION

PUMP INSTALLATION
Company name and size of pump Lane Bowler HP 50
Type of pump Turpine Capacity of installed pump 600 G.P.M.
Depth of pump placement 21 ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____, tube diameter _____, tube material _____.

Robert Reimers, Tennoy S.D.
Name of Pump Installation Contractor

517B-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

JUL 18 1996

SusAnn Woodward, Auditor
City of Hurley
PO Box 336
Hurley SD 57036-0336

Dear Ms. Woodward:

The Water Management Board has validated the enclosed Vested Water Right No. 517-3. This validation gives legal status to the claim and is the final document for the City's vested water rights.

Also, enclosed are Reissued Vested Water Right License No. 517A-3 and Reissued Water License No. 517B-3. The original water license was divided and reissued to separate the vested right portion from the water right.

As long as the city uses the water beneficially, as stated in the licenses, State Water Laws provided that you have a continuing right to use the water.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
605 773-3352

enclosures

January 17, 2001

2000 South Dakota Water Use Questionnaire

To:

CITY OF HURLEY
PO BOX 336
HURLEY SD 57036 0336

Address correction requested:

One questionnaire is being provided for each permitted water source. The following information is based on Water Permit/Right No. 517B-3. If you have other permits/rights in the same water source, also include water use under those permits/rights on this questionnaire.

Water Source: GROUNDWATER
Aquifer: PARKER-CENTERVILLE
Management Unit: NOT APPLICABLE

County: TURNER
Pumping Pt. Legal: SEC 26-T098N-R53W
Type of Water Use: MUNICIPAL

- 1) Please estimate your year 2000 water use from the above water source: _____ gallons
2) If no water use in 2000, please list the reason(s) why in the comments section.

Comments:

We are using T.M. Rural water as
are main source. But we maintain are
well as a backup. I run it once a
month it is on line and ready to go
as a backup

Contact Person:

Joe Hanz

Telephone No:

605 238-5434

Questions? Please call Mark Rath or Ron Duvall at 605 773-3352 for assistance.

Thank you for completing the 2000 water use questionnaire.

Water Rights on the Web: www.state.sd.us/denr/wr

