

WATER PERMIT NO. 6203-3

Name of Applicant: Town of Rosholt

Address: Box 156, Rosholt SD 57260

Phone: 605 537-4275

Amount of Water Claimed: 0.47 cfs (210 gpm)

Total Acres: NA

Source of Water Supply: groundwater

Water to be used for: municipal

County: Roberts

Type of Waste Disposal System:

Location: ½ south of Rosholt

PRIORITY Date Received: 4-12-2000

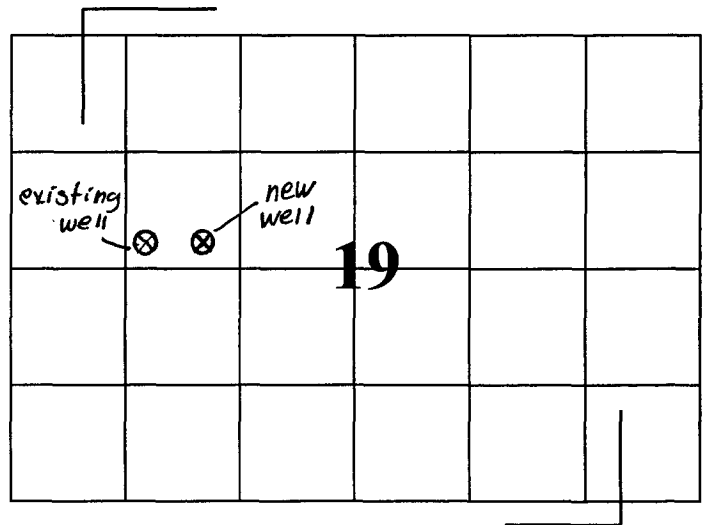
Fee: \$150

Corrected Application Received:: 5-10-2000

Period of Annual Use: January 1 – December 31

Remarks: Additional well for the Town

Diversion Point: SW ¼ NW ¼ Sec 19-T128N-R48W



Land to be Irrigated: NA

Depth of Well: Wieber Well Drilling

Well Driller: : approximately 240 feet deep

Remarks:

Type of Map: plat

Prepared by: Randall Pope, P.E.

Reviewed and the Number Assigned on: 5-10-2000

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

**SOUTH DAKOTA
WATER PERMIT NO. 6203-3**

Date of first receipt of application April 12, 2000.

Date of return to applicant for corrections, amendments or changes April 18, 2000.

Date of receipt of corrected application May 10, 2000.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6203-3 to Town of Rosholt, Box 156, Rosholt SD 57260 authorizing the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 6203-3 appropriates 0.47 cubic feet of water per second (210 gallon per minute) from one existing well (Pleistocene Unknown) approximately 240 feet deep located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 19-T128N-R48W.
2. The water appropriated shall be used for the purpose of supplying water for municipal use and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 6203-3 is August 14, 2000.
5. The date from which applicant may claim right is April 12, 2000.
6. One-fifth of the construction is to be completed on or before February 14, 2003.
7. All construction is to be completed on or before August 14, 2005.
8. Water is to be put to beneficial use on or before August 14, 2009.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATION

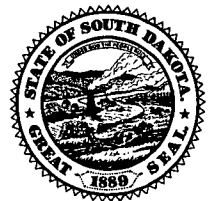
The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

WATER MANAGEMENT BOARD

By: Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

AUG 24 2000

date



FORM 2: Application for uses other than irrigation
(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	(office use only)	
	No. <u>6203-3</u>	Hydrologic Unit <u>09020101</u>
	Basin <u>Red Bairy</u>	
	Newspaper <u>Rosholt Review</u>	



Application For Permit To Appropriate Water Within The State Of South Dakota

Check use(s) of water:

☒ Municipal	☐ Suburban Housing	☐ Recreational	☐ Institutional
☐ Rural Water System	☐ Commercial	☐ Fish & Wildlife	☐ Geothermal Heat
☐ Domestic (over 18 gpm)	☐ Industrial	☐ Other	

Type of Application: ☐ New ☐ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
(check one) ☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____
☒ Amendment/Correction to Permit No. _____

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.) _____

- Name of Applicant Town of Rosholt Phone 605-531-4275
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address Box 156 State SD 57260
(Street, RR. or Box) (Zip Code)
- Amount of water claimed 0.47 *CFS or 210 **GPM ALL ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply ground water
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
SW 1/4 NW 1/4 Section 19 T128N. R48W.
County Roberts
- County or counties where water will be used Roberts - Town of Rosholt
- Annual period during which water is to be used All year January 1 - December 31
- Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

STATE OF SOUTH DAKOTA)
County of Roberts) SS

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

I, Gary A. Peterson, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Signed Gary A. Peterson
Subscribed and sworn to before me this 11 day of April 2000

Jan Houghtaling
Notary Public

My Commission Expires Nov. 15, 2001

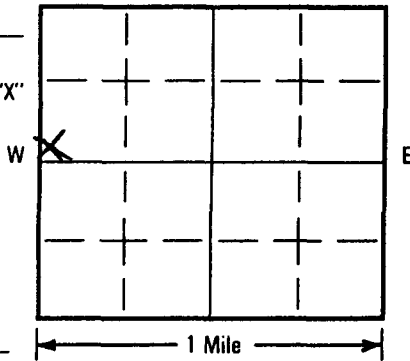
3 SOUTH DAKOTA WATER WELL COMPLETION REPORT

Test hole
109 07-92

Location SW 1/4 SW 1/4 Sec 19 Twp 128 Rg 48 W
County Roberts

Please mark well location with an "X"

100'
N well #1



Well Completion Date

7-1-99

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 1/2 mile from City Sewer (Identify source).

PROPOSED USE:

☐ Domestic/Stock ☒ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other
If other describe CERTA LOCK 9.05 DIAM.
PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER
LB/FT 8" IN 0 FT 234 FT 16" IN
LB/FT IN FT FT IN
LB/FT IN FT FT IN

GROUTING DATA

Grout Type Cement No. of Sacks 12 Grout Weight 150 lb./gal 150 From Surface ft. 200 ft.
Bentonite 12 150 lb./gal 150 ft. 200 ft.

Describe grouting procedure grouted along side

of casing

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 8 IN Length 20 FEET
Material S.S.
Slot Size .025 Set From 214 Feet to 234 Feet
Other information

WAS A PACKER OR SEAL USED?

☐ YES ☒ NO

If so, what material?

Describe packer(s) and location?

DISINFECTION:

Was well disinfected upon completion?

☒ YES, How:

Liquid

SP. E99WB006044

6/1/99

Laboratory sent to for water quality analysis

SD Pierre

Well Owner: City of Rosholt
Business Name: CITY HALL Bldg 156
Address: Rosholt S.D. 57260

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Black topsoil</u>	<u>0</u>	<u>2</u>
<u>SAND - Fine</u>	<u>2</u>	<u>10</u>
<u>HARD PAN</u>	<u>10</u>	<u>20</u>
<u>Silty clay - SANDY</u>	<u>20</u>	<u>100</u>
<u>lenses of clay</u>	<u>100</u>	<u>150</u>
<u>lenses of clay sand & Rock</u>	<u>150</u>	<u>205</u>
<u>Good gray SAND -</u>	<u>205</u>	<u>234</u>
<u>NO SAND clay</u>	<u>234</u>	<u>240</u>
<u>BEST between 215-234</u>		

STATIC WATER LEVEL

22 Feet

If flowing: closed in pressure

Test Hole PSI

GPM flow

through #3 inch pipe

Controlled by

☐ Valve ☐ Reducers ☐ Other

Reduced Flowrate

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped

Describe:

☐ Bailed

☐ Other

Pumping Level Below Land Surface

85 ft. After 12 Hrs. pumped 150 GPM

ft. After Hrs. pumped GPM

ft. After Hrs. pumped GPM

If pump installed, pump rate

150 GPM

REMARKS

This hole used for
The new 8" well Test #3

WIEBER WELL DRILLING

134 WILEY AVE. NORTH

P.O. BOX 157

LIDGERWOOD, ND. 58053

Signature of licensee representative

Jerry Wieber

Signature of Well Owner or "itab"

Holder

Jan Laughton

Date:

7-1-99

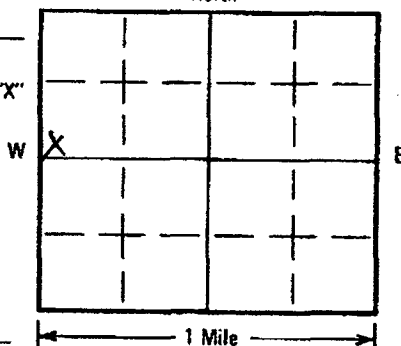
Willing

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

 Location SW 1/4 NW 1/4 Sec 19 Twp 128 Rg 48
 County _____ North

Please mark well location with an "X"



Well Completion Date

9-9-97

LOCATION:

 Distance from nearest potential pollution source (septic tank, abandoned well,
 feed lot, etc.)? _____ ft. from _____ (identify source).

PROPOSED USE:

☐ Domestic/Stock ☒ Municipal ☐ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

 CASING DATA: ☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>28.55</u> LB/FT	<u>8</u> IN	<u>12</u> FT	<u>214</u> FT	<u>13 1/2</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>CEMENT</u>	<u>115</u>	_____ lb./gal	<u>10</u> ft	<u>204</u> ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

 SCREEN: ☐ Perforated pipe ☒ Manufactured
Diameter 8 PS IN Length 20 FEETMaterial STAINLESSSlot Size 20-30 Set From 214 Feet to 234 Feet

Other information _____

 WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

☒ YES, How: CHLORINE☐ NO, Why Not? _____

Laboratory sent to for water quality analysis

NOT LBISMARCK, NDWell Owner: CITY OF ROSHOLT

Business Name: _____

Address: ROSHOLT, SD.

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>DRILLED IN TEST HOLE #5</u>		

STATIC WATER LEVEL 18' Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____☐ Bailed _____☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

This well was drilled under license # 381

And this report is true and accurate.

Drilling firm LTP ENTERPRISES, INC.

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

Date: _____

Owner City of Rosholt

Well No.

Location

Date started 9-2-97

Static 21.12 4.11' AG

PUMPING TEST



Box 9035 • FARGO, ND 58106 • Phone (701) 232-8928

Time	Time in Minutes	Pumping Level	Drawdown	GPM		Time	Time in Minutes	Pumping Level	Drawdown	GPM	
3:00	0	21.12	0	305							
3:01	1	54.23	33.11								
3:02	2	55.10	33.98								
3:03	3	55.87	34.75								
3:04	4	56.27	35.15								
3:05	5	56.71	35.59								
3:06	6	56.86	35.74								
3:07	7	57.13	36.01								
3:08	8	57.35	36.23								
3:09	9	57.43	36.31								
3:10	10	57.57	36.45								
3:12	12	57.84	36.72								
3:14	14	58.01	36.89								
3:16	16	58.23	37.11								
3:18	18	58.42	37.30								
3:20	20	58.55	37.43								
3:25	25	58.93	37.81								
3:30	30	59.26	38.14								
3:40	40	59.93	38.71								
3:50	50	60.34	39.22								
4:00	60	60.89	39.77								
4:15	75	61.64	40.52								
4:30	90	61.96	40.84								
5:00	120	62.10	41.98								
5:30	150	63.91	42.79								
6:00	180	64.52	43.40								
7:00	240	65.84	44.72								
8:00	300	65.42	44.30								
9:00	360	66.24	45.12								
10:00	420	66.95	45.83								
11:00	480	67.61	46.49								
12:00	540	69.68	48.56								
1:00	600	70.24	49.12								

Owner City of Rosholt

Well No. _____

Location 1/2 mi. South of Hwy.

Date started 9-2-97

Static 21.12' AG 4.11'

PUMPING TEST

By



Box 9035 • FARGO, ND 58106 • Phone (701) 232-8928

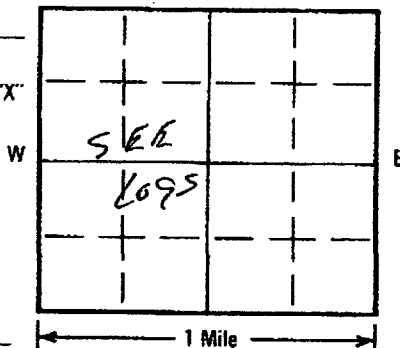
Time	Time in Minutes	Pumping Level	Drawdown	GPM		Time	Time in Minutes	Pumping Level	Drawdown	GPM	
2:00	660	70.86	49.74	305		11:00	2640	74.15	53.03		
3:00	720	71.23	50.11			12:00	2700	74.17	53.05		
4:00	780	71.52	50.40			1:00	2760	74.13	53.01		
5:00	840	71.79	50.67			2:00	2820	74.14	53.02		
6:00	900	70.84	49.72			3:00	2880	74.13	53.01		
7:00	960	71.06	49.94								
8:00	1020	71.43	50.31								
9:00	1080	71.55	50.43								
10:00	1140	71.61	50.49								
11:00	1200	71.88	50.76								
12:00	1260	71.96	50.84								
1:00	1320	72.47	51.35								
2:00	1380	72.61	51.49								
3:00	1440	72.82	51.70								
4:00	1500	73.03	51.91								
5:00	1560	73.25	52.13								
6:00	1620	73.41	52.29								
7:00	1680	73.97	52.85								
8:00	1740	73.35	52.23								
9:00	1800	73.11	51.99								
10:00	1860	73.01	51.89								
11:00	1920	73.01	51.89								
12:00	1980	73.27	52.15								
1:00	2040	73.36	52.24								
2:00	2100	73.51	52.39								
3:00	2160	73.57	52.45								
4:00	2220	73.74	52.62								
5:00	2280	73.86	52.74								
6:00	2340	73.93	52.81								
7:00	2400	73.91	52.79								
8:00	2460	74.02	52.90								
9:00	2520	74.12	53.00								
10:00	2580	74.12	53.00								

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location _____ 1/4 _____ 1/4 Sec _____ Twp _____ Rg _____
County _____ North

Please mark well location with an "X"



Well Completion Date

7-31-97

8-20-97

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? _____ ft. from _____ (identify source).

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☒ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

ROTARY

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft	_____ ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet to _____ Feet

Other information _____

WAS A PACKER OR SEAL USED? ☐ YES ☐ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

YES, How: _____

NO, Why Not? _____

Laboratory sent to for water
quality analysis _____Well Owner: CITY OF ROSHOLT

Business Name: _____

Address: ROSHOLT, S.D.

WELL LOG:

DEPTH

FORMATION

FROM

TO

5 TEST HOLES
LOGS ATTACHED

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____☐ Bailed _____☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

This well was drilled under license # 381

And this report is true and accurate.

Drilling firm LTP ENTERPRISES, INC.

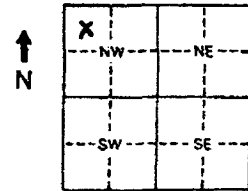
Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

Date: _____



FARGO, N.D.
HUTCHINSON, MN.



Sec. 18 T 128N R 48W

DRILLERS LOG

Drilled for City of Rosholt S.D. By Fargo Office
 Location of Test Hole East 1/2 of SW 1/4, Sec 18 T128N R48W (East edge of city)
 Test Hole No. 1-97 Well No. 2" 1-97
 Size of test hole 6 3/4 Date started 6-19-97 Date completed 6-23-97 Total Hours 19 1/2

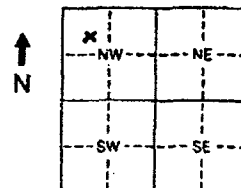
FORMATIONS DRILLED

TYPE OF FORMATION	COLOR OF FORMATION	STARTED AT WHAT DEPTH	ENDED AT WHAT DEPTH	THICKNESS OF FORMATION
Top soil	Black	GL	1	1
Clay	Brown	1	13	12
Dirty sand (fine)	Brown	13	37	24
Fine sand	Gray	37	56	19
Clay	Gray	56	56 1/2	1/2
Fine sand	Gray	56 1/2	62	5 1/2
Very dirty fine sand and clay	Gray	62	83	2
Very sandy clay w/small lenses of sand	Gray	83	121	28
Sand (drilled good)	Gray	121	122 1/2	1 1/2
Sandy clay	Gray	122 1/2	145 1/2	23
Rock	Gray	145 1/2	147 1/2	2
Hard clay	Gray	147 1/2	197	49 1/2
Sandy clay	Gray	197	252	55
Sand (fine) drilled fair	Gray	252	254	2
Very sandy clay (soft)	Gray	254	262	6
Very dirty sand	Gray	262	270 1/2	8 1/2
Sand (drilled good)	Gray	270 1/2	272 1/2	2
Very sandy clay	Gray	272 1/2	288	15 1/2
Sand (very fine) poor sample	Gray	288	297	1
Fine sand (took water) drilled good	Gray	297	311	14
Sandy clay	Gray	311	312	1
Fine sand drilled good	Gray	312	322	10
Fine sand (much finer)	Gray	322	325 1/2	3 1/2
Clay	Gray	325 1/2	330	4 1/2

Signed Don Hejtmanek Driller



FARGO, N.D.
HUTCHINSON, MN.



Sec. 18 T 128N R 48W

DRILLERS LOG

Drilled for City of Rosholt, SD By Fargo Office

Location of Test Hole 500' SE of test hole #1 E $\frac{1}{2}$ of SW $\frac{1}{4}$ Sec. 18 T128N R48W

Test Hole No. 2-97 Well No. NA

Size of test hole 6 3/4 Date started 6-24-97 Date completed 6-25-97 Total Hours 13 $\frac{1}{2}$

FORMATIONS DRILLED

TYPE OF FORMATION	COLOR OF FORMATION	STARTED AT WHAT DEPTH	ENDED AT WHAT DEPTH	THICKNESS OF FORMATION
Top soil	Black	GL	1	1
Sandy clay	Brown	1	13	12
Fine sand	Brown	13	36	23
Fine sand	Gray	36	50	14
Sandy clay	Gray	50	57	7
Dirty sand	Gray	57	62	5
Very fine sand w/lenses of clay	Gray	62	78	16
Very fine dirty sand (poor sample)	Gray	78	92	14
Sandy clay w/lenses of sand	Gray	92	104	12
Sand (drilled good)	Gray	104	110	6
Sandy clay (hard)	Gray	110	194 $\frac{1}{2}$	84 $\frac{1}{2}$
Rock	Gray	194 $\frac{1}{2}$	195 $\frac{1}{2}$	1
Sandy clay	Gray	195 $\frac{1}{2}$	302	106 $\frac{1}{2}$
Very sandy clay (soft)	Gray	302	315	13
Lenses of sand and clay	Gray	315	322	7
Sandy clay w/lenses (small) of sand	Gray	322	337	15
Sand (drilled poor) took water	Gray	337	340	3
Sand (drilled good) took water	Gray	340	343	3
Very sandy clay	Gray	343	362	19

Signed Don Hejtmanek Driller

Signed Don Heitmanek Driller

Signed Don Heitmanek Driller

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

Nº 416469

Pierre, April 13, 2000

RECEIVED OF Town of Rosholt, Box 156, Rosholt, SD 57260
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>6203-3</u> to Appropriate Water, to construct and to put water to beneficial use _____	50	00
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By *David E. ...*
Chief Engineer

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

No 416508

Pierre, May 10, 2000

RECEIVED OF Town of Rosholt, P.O. Box 156, Rosholt, SD 57260
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>6203-3</u> to Appropriate Water, to construct and to put water to beneficial use _____	100	00
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>6203-3</u> _____	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	150 00

By Gailand L. Lyle
Chief Engineer

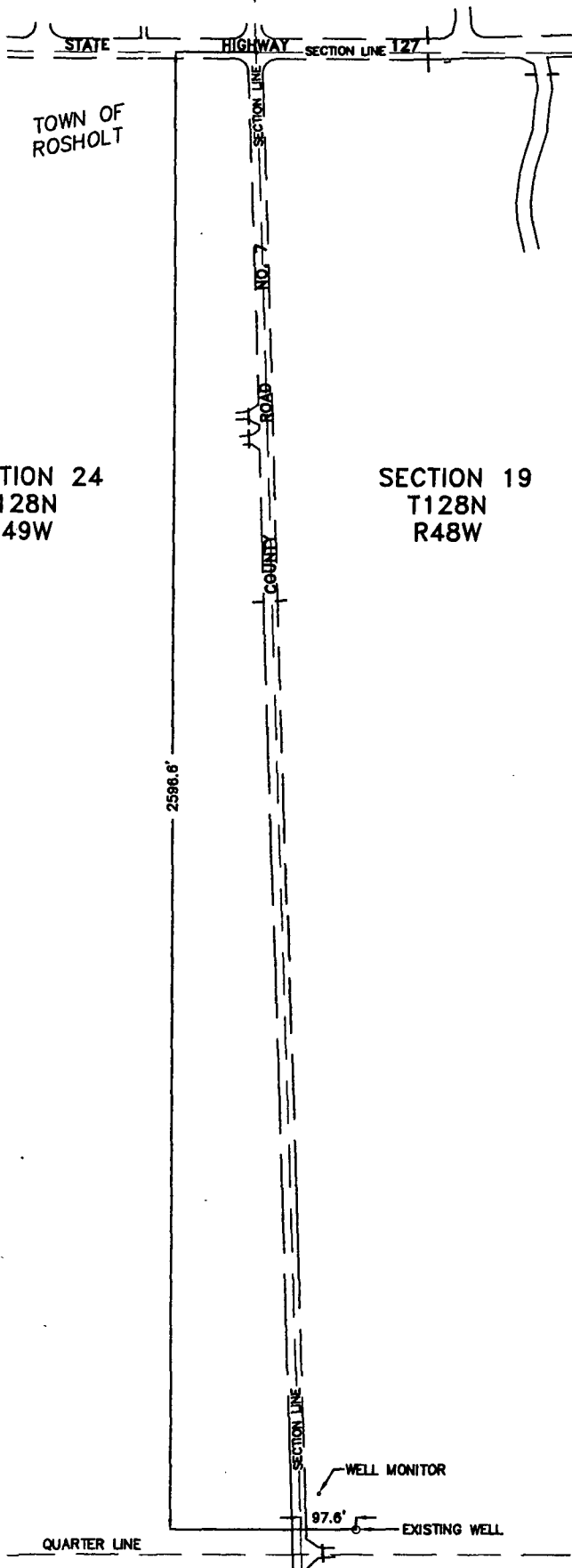
SECTION 13
T128N
R48W

SECTION 18
T128N
R48W

COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
ROBERTS	W97-31	1	1

SECTION 24
T128N
R49W

SECTION 19
T128N
R48W



SCALE: 1" = 300'

I, Randall A. Pope, hereby certify that these Plans and Specifications were prepared by me or under my direct supervision. I further certify that I am a Registered Professional Engineer under the laws of the State of South Dakota.

Randall A. Pope

Date: 10/17/97

Prepared By:

 interstate
engineering, inc.

November 12, 1998

Gary Peterson – Town of Rosholt

Fax No. (605) 537-4251

Water Permit No. 6023-3 appropriates 0.333 cubic feet of water per second (150 gpm) from one well (238 feet deep) located in the SW1/4 NW1/4 Section 19, T128N, R48W.

It is my understanding that Rosholt plans to drill an additional well into this same aquifer. This well would be identical to the existing well authorized under Permit No. 6023-3. The new well is to be operated alternating with the existing well. Only one well will be operated at a time and the limiting factor is the water distribution line to town. The old wells covered under Vested Water Right No. 1273-3 are being capped and will not be used any more.

State law allows an additional point of diversion if the additional point of diversion is from the same source of water and no additional water is appropriated. This change may be allowed if the Chief Engineer is contacted and makes a finding that the change does not increase the potential for interference with existing diversions. If this is the case the additional well can be allowed without formal application, fee and public notice.

If my summary correctly reflects the Town's intentions – here's what you need to do:

- Submit a request to drill an additional well under Water Permit No. 6023-3.
- State that the well will be drilled into the same formation (approx. 240 feet deep).
- That no additional water is being requested – explain how the wells will be used on an alternating basis.
- Submit a map which references a section corner that shows the location of the existing well and the proposed new well. (possibly show on an aerial map supplied by the local NRCS (previously SCS) office)

Once we receive the request we will analyze whether the Chief Engineer can make a finding allowing this additional well. If so, you will receive a letter to that effect. If not, you'll be contacted and told to file a regular water permit application.

Gary – I hope this information is helpful. Send any correspondence to:

Water Rights Program
Joe Foss Building
523 E. Capitol Ave.
Pierre SD 57501

Call me if you have any questions.

Eric Gronlund
Water Rights Program
605 773-3352 (fax 773-4068)

Schlaak, Karen

From: Gronlund, Eric
Sent: Monday, April 24, 2000 8:25 AM
To: Schlaak, Karen
Subject: Rosholt

Talked with city again. They are now coming in for the entire 210 gpm as a new appropriation of water. This will enable them to pump both wells at the same time. The fee for this will be \$300 (\$250 more since they already submitted \$50). They won't get this in to us until mid May as they need to go to the city council with this.



April 18, 2000

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

Gary Peterson
Town of Rosholt
PO Box 156
Rosholt SD 57260

Dear Mr. Peterson:

Thank you for submitting the *Application for a Permit to Appropriate Water* for municipal use. The application filing fee is \$150 and the licensing fee is \$50 for a total of \$200. The town submitted \$50 with the application, so an additional \$150 is required to complete the application.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6203-3, Town of Rosholt**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 6203-3, Town of Rosholt, c/o Gary A. Peterson, Box 156, Rosholt, SD 57260.

The Chief Engineer is recommending APPROVAL of Application No. 6203-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualification:

The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

See report on application for additional information.

Garland Erbele, Chief Engineer
July 14, 2000

REPORT ON WATER PERMIT APPLICATION NO. 6203-3
for the City of Rosholt
July 3, 2000

Application No. 6203-3 proposes to appropriate 0.47 cfs (210 gpm) from one existing well approximately 240 feet deep located in the SW 1/4 NW 1/4 of Section 19, T128N-R48W in Roberts County. The water is for municipal use by the city.

AQUIFER - PLEISTOCENE UNKNOWN (PS-U)

The Pleistocene Unknown aquifer is a buried outwash (sand and gravel) which is under confined or artesian conditions at this site. No estimate is available for the amount of water in storage or the extent of the aquifer in Roberts County. However, there is very good pumping and geologic information for the two new city wells completed in this area. Pumping information for the LTP Drilling well (#1) indicates a drawdown of 74 feet after pumping two days at 305 gpm. This equates to a specific capacity of 4.1 gallons per foot of drawdown. The Wieber Drilling well (#2) which is this application was test pumped at 150 gpm with a drawdown 53 feet. This equates to a specific capacity of 2.8 gallons per foot of drawdown. Both of these wells have been completed in accordance with SD Well Construction Standards.

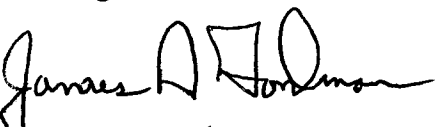
The Water Rights Program does monitor and observation well, RB-98A, which is located in the immediate area of this application. This test well was drilled by the South Dakota Geological Survey and the Water Rights Program will continue to monitor this well. A hydrograph for this observation well is included with this report (Water Rights, 2000).

REVIEW OF EXISTING WATER PERMITS/RIGHTS

The only other permitted user in this area is for the City of Rosholt (Water Permit No. 6023-3, 150 gpm). The city has an existing well located about 100 feet south of this application. Drawdown will occur a result of pumping. Data from the pumping test conducted on Well #1 indicates that 39 feet of drawdown was created at a distance of about 30 feet when #1 was pumped at a rate of 305 gpm and after two days. Drawdown of this magnitude is expected when pumping water from a confined aquifer. Interference will occur but since the city has control of the diversion rates and pumping intervals this should not be a significant problem. In any event, the interference should not be adverse.

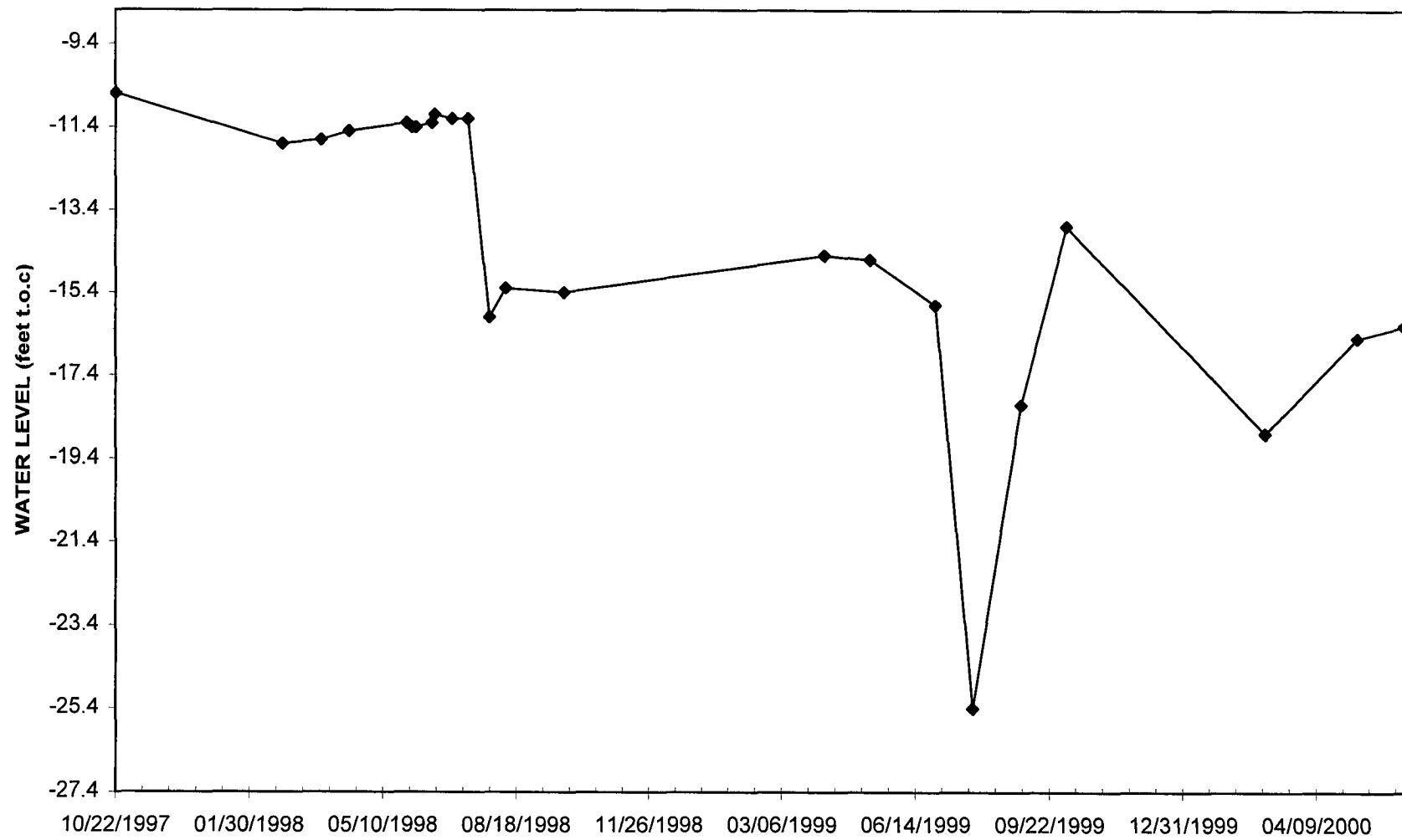
CONCLUSIONS

1. Water is available from the Pleistocene Unknown aquifer.
2. The aquifer is confined and under artesian conditions. Drawdown will occur as a result of pumping. There is some production data available. This data indicates that interference will occur at the existing distance between wells but this is not expected to be adverse. The city will be able to monitor and control pumping in the area to minimize potential effects.
3. These are existing wells and have been constructed in accordance with SD Well Construction Standards.
4. These wells are in addition to water right No. 1273-3 also held by the City of Rosholt. If the wells under this old right are to be abandoned, then they must be plugged according to SD Well Construction Standards.


James A Goodman
Natural Resources Engineer

Water Rights, 2000, Unpublished Observation Well Data for Roberts County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

**WATER RIGHTS' OBSERVATION WELL
RB-98A**





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

July 17, 2000

Rosholt Review
Box 136
Rosholt, SD 57260-0136

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6203-3 to Appropriate Water to be published twice. Please publish the first notice on July 26, 2000, with the second publication 7 days later.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Town of Rosholt, %Gary A. Peterson, Box 156, Rosholt, SD 57260 (Ph # (605) 537-4275).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CU T HERE-----

No. 6203-3

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

Date _____

We are in receipt of your letter of July 17, 2000, enclosing Notice of Hearing to Appropriate Water by Application No. 6203-3 which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT
THE NEWSPAPER RIGHT AWAY.

July 17, 2000

Town of Rosholt
%Gary A. Peterson
Box 156
Rosholt, SD 57260

Dear Mr. Peterson:

Water Permit Application No. 6203-3 for municipal use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Rosholt Review printed at Rosholt, SD (Ph # (605) 537-4267). For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.

Instruction to Newspaper - Publish first Notice on July 26, 2000, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6203-3 to Appropriate Water

Notice is given that the Town of Rosholt, Box 156, Rosholt SD 57260 has filed an application for a water permit to appropriate 0.47 cubic feet of water per second (210 gallon per minute) from one existing well (Pleistocene Unknown) approximately 240 feet deep located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 19-T128N-R48W. This water is for municipal use.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6203-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by August 14, 2000.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County of Roberts) SS

I, Calvin Ceroll, Editor

certify that the attached printed Notice was taken

from the Rosholt Review

printed and published in Rosholt, SD

County of Roberts and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

July 26, 2000

August 2, 2000

Cost of Printing \$35.28

Calvin F. Ceroll
(Signature)

Owner
(Title)

Aug 2, 2000
(Date Signed)



NOTICE OF APPLICATION NO. 6203-3 to Appropriate Water

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Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

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(July 26 & August 2, 2000)



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

AUG 24 2000

Town of Rosholt
Gary Peterson
Box 156
Rosholt SD 57260

Dear Mr. Peterson:

Enclosed is Water Permit No. 6203-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

NOTICE OF COMPLETION OF WORKS AND APPLICATION OF WATER TO BENEFICIAL USE

Date 9-21-00

TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181



FROM: Town of Roshaet
(name)
P.O. Box 156
(address)
Roshaet, So Dak 57260 537-4275
(city, state, zip) (phone)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

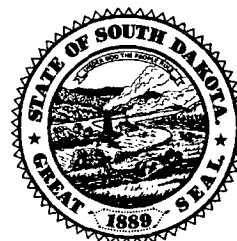
Water Permit No. 6203-2 states that the water use system is to be constructed by
Already Constructed and water is to be put to beneficial use by May 10 2000.
(date) (date)

The water use system was completed on 5-10-2000.
(date)

Applying the water to beneficial use was completed on 5-10-2000.
(date)

You may schedule an investigation so that the water license may be issued.

Gary A. Peterson
(signature)



Permit No. 6203-3
Red Rainy River - Water District

Other permit/license(s) associated with project: 6023-3

Contact Person & Address: Gary Peterson, PO Box 156, Rosholt, SD

Report Of Examination Of Works

On, 8/15/01, I made a thorough examination of the water use system constructed by City of Rosholt of PO Box 156, Rosholt, SD holder of Permit No. 6023-3, bearing the priority of October 22, 1997 authorizing the diversion of 0.333 cu. ft. per second and Permit No. 6203-3, bearing the priority of April 12, 2000 authorizing the diversion of 0.47 cu. ft. per second of the waters of ground water (Pleistocene Unknown) for municipal purposes, in Roberts County.

The system is in the following condition good. The points of diversion are located Well #1 From the NW corner of Section 19 T128N-R48W: 100 ft east and 2635 feet south with a longitude of -96.72978 and a latitude of 45.85641 and located Well #2 From the NW corner of Section 19 T128N-R48W: 100 ft east and 2530 feet south with a longitude of -96.72969 and a latitude of 45.85641. The works are capable of diverting and conveying to the place of use 0.80 cu. ft. per second of water which is to be used for municipal purposes. Water has been put to beneficial use and the license should be issued for 0.333 cfs bearing the priority of October 22, 1997 and for 0.47 cfs bearing the priority of April 12, 2000.

Review of Permit Qualifications And Regulations:

- 1) Special qualifications to permit being abided by yes
- 2) All structures, wells and lands on map yes
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period NA
- 4) Exceptions to compliance are: none

Report On the Specifics of the System

Diversion Point Information: Well #1

- | | |
|-----------------------------------|-------------------------------------|
| 1) Well Drilling Firm: <u>LTP</u> | 2) No. of Wells <u>1</u> |
| 3) Depth(s) <u>234</u> feet | 4) Well log is available <u>yes</u> |

Casing:

- | | |
|-----------------------------|---------------------------|
| 1) Diameter <u>8</u> inches | 2) Length <u>214</u> feet |
| 3) Type <u>steel</u> | |

Screen:

- | | |
|--------------------------------------|--------------------------|
| 1) Type <u>stainless</u> | 2) Length <u>20</u> feet |
| 3) Static water level <u>18</u> feet | |

Pump\ Motor:

- | | |
|---------------------------------------|-----------------------------------|
| 1) Pump Make <u>Gould</u> | 2) Pump Model <u>5CHC</u> |
| 3) Capacity <u>150</u> GPM | 4) Motor Make <u>Gould</u> |
| 5) Motor Model No. <u>submersible</u> | 6) Horsepower rating <u>15</u> hp |

Diversion Point Information: Well #2

- | | |
|--|-------------------------------------|
| 1) Well Drilling Firm: <u>Wieber Well Drilling</u> | 2) No. of Wells <u>1</u> |
| 3) Depth(s) <u>234</u> feet | 4) Well log is available <u>yes</u> |

Casing:

- | | |
|-----------------------------|---------------------------|
| 1) Diameter <u>8</u> inches | 2) Length <u>214</u> feet |
| 3) Type <u>plastic</u> | |

Screen:

- | | |
|--------------------------------------|--------------------------|
| 1) Type <u>stainless steel</u> | 2) Length <u>20</u> feet |
| 3) Static water level <u>22</u> feet | |

Pump\ Motor:

- | | |
|------------------------------|-----------------------------------|
| 1) Pump Make <u>NA</u> | 2) Pump Model <u>submersible</u> |
| 3) Capacity <u>210</u> GPM | 4) Motor Make <u>NA</u> |
| 5) Motor Model No. <u>NA</u> | 6) Horsepower rating <u>20</u> hp |

Distribution System:

- 1) Type City municipal distribution



Mark D. Rath
Natural Resources Engineering Specialist
DENR, Water Rights Program

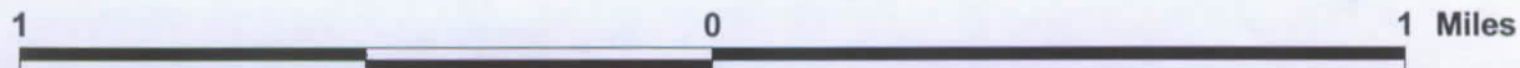
8-21-01

Date

No. 6203-3



Mark D. Rath 8-20-01



Mark D. Rath
SD DENR

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6203-3

(1) The Town of Rosholt, PO Box 156, Rosholt SD 57260 made Application No. 6203-3, April 12, 2000 for a water permit to divert 0.47 cubic feet of water per second (cfs) from groundwater (one well), Roberts County, South Dakota for municipal purposes. Permit No. 6203-3, with a priority date of April 12, 2000 was approved August 14, 2000 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before August 14, 2005 and for the application to beneficial use of said water on or before August 14, 2009.

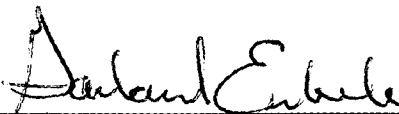
The permit holder submitted a *Notice of Completion of Works and Application of Water to Beneficial Use* on September 25, 2000. The *Notice* stated the diversion system was completed on May 10, 2000 and the water placed to beneficial use on May 10, 2000.

Water Permit No. 6023-3, with a priority date of October 22, 1997, authorizes 0.33 cfs from one well. The applicable portions of No. 6023-3 have been incorporated into No. 6203-3.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 0.80 cubic feet of water per second for beneficial use. The location of the diversion points are: Well #1 – 100 feet east and 2,635 feet south from the northwest corner of Section 19 (SW ¼ NW ¼) and Well #2 – 100 feet east and 2,530 feet south from the northwest corner of Section 19 (SW ¼ NW ¼); all in T128N-R48W.

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use.

(4) Pursuant to South Dakota Water Law 46-5-30.1 the Town of Rosholt, PO Box 156, Rosholt SD 57260 the holder and/or owner of Incorporated Water Right No. 6203-3 is issued a license to appropriate water, the right to use 0.80 cubic feet of water per second from groundwater (two wells) with priority dates of October 22, 1997 (0.33 cfs) and April 12, 2000 (0.47 cfs) from the locations specified in (2) of this license for municipal purposes. This license is subject to any limitations or qualifications listed in Incorporated Water Right No. 6203-3 and subject to South Dakota State Law.


GARLAND ERBELE, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

SEP 24 2001

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

SEP 24 2001

6203-3

Town of Rosholt
% Gary A. Peterson
Box 156
Rosholt, SD 57260

Dear Mr. Peterson:

Enclosed is Water License No. 6203-3. This is the final water right document completing your process of obtaining a Water Right

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 6203-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

NOTE: The applicable portions of No. 6023-3 are incorporated into Water License No.6203-3.

enclosures



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

SEP 12 2016

6350-3
6203-3

Melissa Krueger, Finance Officer
Town of Rosholt
PO Box 156
Rosholt SD 57260

Dear Ms. Krueger:

Enclosed is Water License No. 6350-3. This is the final water right document completing your process of obtaining a Water Right. Also, included with your license is a map prepared by the staff engineer who conducted the investigation.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 6350-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

Note: The applicable portions of No. 6203-3 are incorporated into Water License No. 6350-3.