

1. Considered: Feb. 15, 1984 Water Right No. 4982-3
2. Name of Applicant Town of Fairview
3. Post Office Address Box 86 57027
4. Amount of Water Claimed 0.11 maximum acre feet
5. Source of Water Supply 258' well
6. Water to be used for MUN acres to be irrigated
7. County Lincoln about miles of city limits
8. PROOF OF PUBLICATION: Received 1-16-84 Not Received
- APPLICATION: Approved Subject to
- Not Approved Action Deferred

PRIORITY
10-26-83

Dated Received 10/26/83 Application complete-yes x no FEE 150.00

Remarks

Corrected Application received Period of Annual Use 1/1 to 12/31

WATER
QUALITY

Received yes no APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as application-yes no Remarks

not required

Disapproved Returned

Diversion Point
NE $\frac{1}{4}$ SW $\frac{1}{4}$ 14-97N-49W

Land to be irrigated

WELL LOG

Driller USGS Licensed - yes no

Depth 258' deep

Remarks Dakota Formation

MAP Map No. 4982-3 Map located in Water Right X Map file _____
 Type of Map drawn Prepared by PE John Van Lent

+++++

REVIEWED This Application was received within 30 days of the date received, accepted as complete, Number assigned and written up for advertisement before the Board on:

10/28/83

Kevin C. Larson
 (Signed)

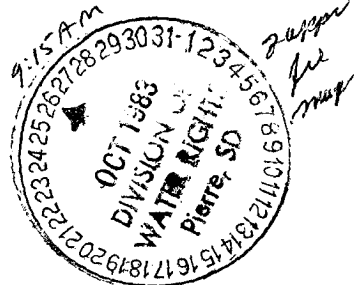
+++++

PROTESTS Letters/Petitions in File - yes _____ no _____ Remarks _____

REMARKS Date
 F.F. & C. Final Decision, including F.F. & C. of Law were adopted _____

OF LAW, Date
 FINAL Final Decision mailed to parties and/or parties notified that Final Decision was
 DECISIONS adopted _____

ETC. Remarks _____

No. 4982-3Map No. 4982-3 Water Division No. SIoux RIVER District
Above for Office Use 10170203

APPLICATION FOR PERMIT To Appropriate Water within the State of South Dakota

Check one of the following:

New ☒ Vested Right _____ Future Use _____Change in Diversion _____ Additional Diversion new

Change in Acreage _____ Additional Acreage _____

Note: Fairview wants to keep the old well for non-drinking purposes: bulk sale to farmers, etc. and back-up fire protection.

1. Name of Applicant Town of Fairview Phone No. 987-4266
Post Office Address Box 86 Fairview State SD 57027
(Street, RR, or Box) (Town) (Zip Code)
If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract3. Name of diversion work Deep Well4. Amount of water claimed (cubic feet per second) 0.18 cfs5. Source of water supply Shallow Dakota Formation

6. Location of point of diversion Lot 1, O'Dell Tract 1 in Fairview
NE¹SW¹ SEC. 14-T97N-R49W (CA)

County Lincoln7. Annual period or periods during which water is to be used Daily8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) municipal water9. For irrigation use, Total number of acres to be irrigated N/A

List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.

Land Description	No. Acres Irr.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 425 years. Additional time required to complete application of water to the proposed beneficial use 04 years.

11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water Sioux Valley News12. Principal Features of the Proposed Water Supply System. Canton SD 57013

A. Works proposed to divert water from its natural source.

Deep Well

B. Works proposed to transport water to place of use.

PVC Pipe

C. Works proposed to apply water to beneficial use.

Existing distribution systemEstimated Total Cost \$ 50,000.

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map. (see instructions concerning preparation.)

STATE OF SOUTH DAKOTA)
)ss.
County of Lincoln)

I, David Rati, for the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.

Signed David Rati
President, Town Board

Subscribed and sworn to before me this 24th day of October, 1983

Carol Weesche, Finance Officer
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby approves Water Right Application No. 4982-3

Town of Fairview Box 86 Fairview
(Applicant) (Post Office Address)
South Dakota With the following qualifications.
(State)

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.

The Town of Fairview report to the Water Management Board annually the amount of water withdrawn each year.

Date of first receipt of application October 26, 1983
 Date of return to applicant for correction, amendments or changes required _____, 19____
 Date of receipt of corrected application _____, 19____
 Approved February 15, 1984, Recorded in Book _____ Page _____

WATER RIGHT PERMIT NO. 4982-3

The Water Management Board hereby grants and issues this Water Right Permit No. _____ authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as qualified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is October 26, 1983
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before August 15, 1986
3. The whole of said work is to be completed on or before February 15, 1989
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is February 15, 1993
5. The water appropriated shall be used for the purpose of Municipal water supply

6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

7. The amount of the appropriation herein granted shall not exceed 0.11 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and ~~if for irrigation purposes said appropriation must be limited to not more than 2 acre foot per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied~~

~~for irrigation~~ on or before February 15, 1993; said water to be used during the following described annual period: CONTINUOUS

Witness my hand this 15TH day of March, 1984

THE WATER MANAGEMENT BOARD

By: John Hatch
 Chief Engineer, Water Rights

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

D. Well Information

- (1) Drill Hole, Diameter 1.2 inches, Depth 258 feet
- (2) Casing, Type PVC, Diameter 8 inches, Thickness 0.23 inches
(wood, concrete, steel, etc.)
- (3) Screen, Type PVC Wound, Diameter 5 inches, Length 80 feet
- (4) Gravel Pack, Thickness 2 inches, Length of gravel pack 80 feet

E. Dugout Information or Estimates

- (1) Surface dimensions, N/A, Depth _____

F. Fill out for Either a Well or a Dugout.

- (1) Water Bearing Materials. (Attach a copy of test well log)

Depth to top of water bearing material 178 feet

Depth to bottom of water bearing material 258 feet

Depth to water (ground surface to water level) 60 feet

*well logs have
already been
submitted to
your office*

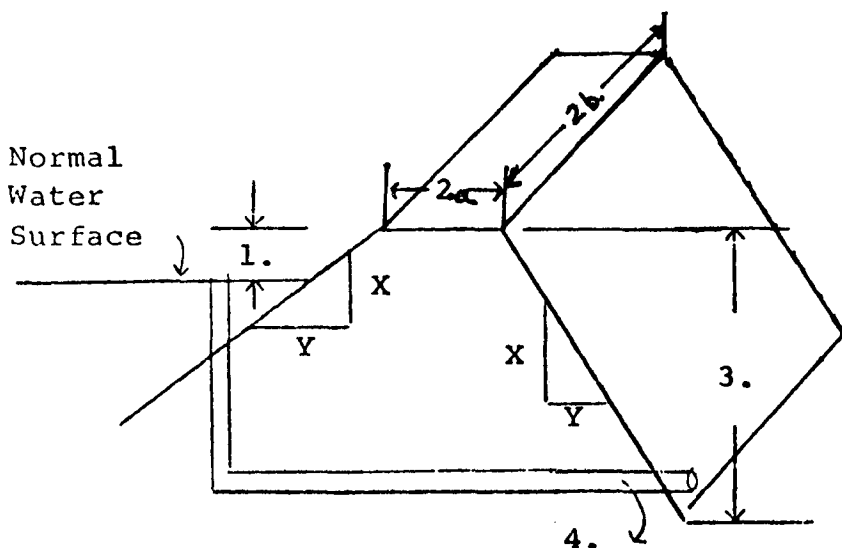
- (2) Distance to nearest existing household or livestock watering well.

On same owner's property 36 rds.

On property owned by others 160 (plus) rds.

G. Water Storage Dams

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, length, maximum water depth, surface area, drainage area, storage capacity, dam slope, dimensions, location and size of outlet works, of each storage dam. The location of each water storage dam should be shown on the water right map.



1. Freeboard _____
- 2a Crest width _____ b. length _____
3. Height of Dam _____
4. Outlet dimensions:
Pipe diameter _____
Spillway width _____
- X & Y slope:
Upstream _____
Downstream _____
Surface area of impoundment _____
Drainage area above dam _____

Dan McQuinn
Signature of Applicant

President, Town Board
Fairview SD 57027

LEGAL LOCATION: NE SW NE SW SEC. 14, T. 097 N., R. 48 W.
LOCATION: 097N-48W-14E 1/4A COUNTY: LINCOLN
LATITUDE: 43.1310 LONGITUDE: 96.2858
LAND OWNER:

PROJECT: FAIRVIEW CITY S.W.
DRILLING COMPANY: SDGS
DRILLER: L. HELSETH/E. KOGIIN
GEOLOGIST: S. GREEN

DRILLER'S LOG:
GEOLOGIST'S LOG: X

DATE DRILLED: 05-23-1980

DRILLING METHOD: ROTARY

E-LOG: YES SAMPLES: NO

GROUND SURFACE ELEVATION: 1215.00 T

TOTAL DRILL HOLE DEPTH: 209.0

TEST HOLE NUMBER: F-16

SDGS WELL NAME: F-16

WATER RIGHTS WELL NAME: LN-81Q

AQUIFER: DAKOTA

Basin: BIG SIOUX

MANAGEMENT UNIT:

SCREEN TYPE: PVC, MFG.

SCREEN LENGTH: 10.0

CASING TYPE: PVC

CASING DIAMETER: 2.0

CASING TOP ELEVATION: 1214.12 I

CASING STIC-UP: 2.7

TOTAL CASING AND SCREEN: 209.0

WELL MAINTENANCE DATE:

DEPTH TO WATER: 54 FEET ON 6-25-80, 54.11 FEET ON
9-10-81. FINE SUBDIVISIONS OF THE DRILLER'S LOG
WERE INTERPRETED BY USING AN ELECTRIC LOG.
E-LOG: SINGLE POINT RESISTIVITY, SPONTANEOUS
POTENTIAL.

0 -	7	CLAY, YELLOW
7 -	11	GRAVEL, REDDISH-BROWN, COARSE
11 -	18	CLAY, GRAY, SILTY, SANDY, PEBBLY (TILL)
18 -	32	SAND, GRAY, SILTY, SOME CLAY STRINGERS
32 -	40	CLAY, GRAY, SILTY, SANDY, PEBBLY (TILL)
40 -	142	SHALE, GRAY (CARLILE SHALE)
142 -	164	SHALE, GRAY (CARLILE SHALE? GRANEROS SHALE?)
164 -	175	SAND, WHITE, FINE, CEMENTED STRINGER AT 170 FEET (DAKOTA FORMATION)
175 -	188	SHALE, GRAY, SOME INTERBEDDED SAND (DAKOTA FORMATION)
188 -	194	SAND, WHITE, FINE, CEMENTED STRINGER AT 190 FEET (DAKOTA FORMATION)
194 -	196	SAND, WHITE, FINE, CEMENTED (DAKOTA FORMATION)
196 -	206	SAND, WHITE, FINE, CEMENTED STRINGER AT 200 FEET (DAKOTA FORMATION)
206 -	209	SHALE, GRAY, SOME INTERBEDDED SAND (DAKOTA FORMATION)

2 LN-81P

W-38

WATER SAMPLE LOG

Project FAIRVIEW CITY STUDY County LUNDEN ⁹⁷ ES-45-14-150
Sample No. 17 Location CHC. NE 1/4 Sec 14 NW 1/4 SW 1/4
Code _____ Sec. 14 T. 97 N R. 04E
Collector SUSAN GREEN Collection Date 24 JUNE 1985 6/20/85

COLLECTION METHODS

Clean Container ✓ Filtered 2
Acidified 2 Formalin Treated 2 Other 1 NO ADDITIVES / ENDOPT: N

GROUND WATER SAMPLE DATA

Well No. R-2 F-15 Source - Formation - Aquifer of Origin ATTAM OR LAKOTA FM
Well Depth 453' Depth to Water _____ Casing Top Elevation _____
Ground Surface Elevation 12.5' Usage OBSERVATION
Well Owner or Controller S.B.G.S.
Pump _____ Casing Type 2" PVC Screened YES

SURFACE WATER SAMPLE DATA

Water Elevation _____
Lake _____ Stream _____ Other _____
Where Collected (on edge of shore, on bottom, etc.) _____

CHEMICAL DATA

Reported in Parts Per Million

Ca 81 Na 108 Mg 33 F-1005 F-1005 K _____ Sr _____
Fe 10.05 Mg 0.05
HCO₃ _____ CO₃ _____ Cl 17.5 F 870 NO₃ 10.1 SO₄ 285 B _____
Li _____ Rb _____ Cs _____ Be _____ Ba _____ Cr _____ Zn _____
Cu _____ Cd _____ Hg _____ Ag _____ Pb _____ Al _____ Si _____
As _____ Se _____ Sb _____

Total Solids 592 Total Conductivity 920 Temperature 25.0 °C
µmhos

pH _____ Total Hardness 352

COMMENTS

4 RA1

2

REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57007

Name: DWR, PIERRE Date Rec'd Nov 25, 1981
Address LN-812 Sample No. 81-1370
Identification WELL- 199.00ft.
097N 48W 14 d

WATER ANALYSIS

Calcium (Ca)	76	ppm*	3.79	me/l**
Magnesium (Mg)	36	ppm	2.96	me/l
Sodium (Na)	147	ppm	6.39	me/l
Potassium (K)	21	ppm	0.54	me/l
Sulfate (SO4)	310	ppm	6.45	me/l
Nitrate (as N)	0.08	ppm	0.01	me/l
Chloride (Cl)	20	ppm	0.56	me/l
Bicarbonate (HCO3)	351	ppm	5.76	me/l
Carbonate (CO3)	0	ppm	0.00	me/l
Iron (Fe)	0.35	ppm	0.01	me/l
Fluoride (F)		ppm		me/l
Manganese (Mn)		ppm		
Boron (B)	2.13	ppm		
Hardness (EDTA as CaCO3)		ppm		g.p.g.***
Total solids	772	ppm		
Total Cations			13.68	me/l
Total Anions			12.78	me/l
Alkalinity (Methyl Orange)	288	ppm(as CaCO3)		
Alkalinity (Phenolphthalein)	0	ppm(as CaCO3)		
Electrical Conductivity	1250	micromhos per cm at 25 C		
Sodium Adsorption Ratio	3.48	Adjusted SAR	3.27	
Sodium	46.72	% of Cations		
Residual sodium carbonate	0.00	me/l		
pH	7.74			

Others:

*ppm=parts per million

**me/l=millequivalents per liter

***g.p.g.=grains per gallon

COMMENTS

By: Shirley Mittan

Service Performed:

Total Cost: \$ 24.00

Analysis for water rights

Amount Received: 0.00

Balance Due: 24.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 81-1370

Amount Enclosed \$

10.00

LEGAL LOCATION: NW SW NW SW SEC. 14, T. 097 N., R. 48 W.
LOCATION: 097N-48W-14CPCB COUNTY: LINCOLN
LATITUDE: 43.1305 LONGITUDE: 96.2923
LAND OWNER:

PROJECT: FAIRVIEW CITY STUDY
DRILLING COMPANY: SDGS
DRILLER: L. HELSETH/M. KOFFLER
GEOLOGIST: S. GREEN

DRILLER'S LOG:
GEOLOGIST'S LOG: X

DATE DRILLED: 06-13-1980 DRILLING METHOD: ROTARY
E-LOG: YES SAMPLES: NO GROUND SURFACE ELEVATION: 1230.00 T
TOTAL DRILL HOLE DEPTH: 454.0 TEST HOLE NUMBER: F-15
SDGS WELL NAME: F-15 WATER RIGHTS WELL NAME: LN-81P
AQUIFER: DAKOTA BASIN: BIG SIOUX

MANAGEMENT UNIT:
SCREEN TYPE: PVC, MFG. SCREEN LENGTH: 10.0
CASING TYPE: PVC CASING DIAMETER: 2.0
CASING TOP ELEVATION: 1239.62 I.
CASING STICK-UP: TOTAL CASING AND SCREEN: 453.0
WELL MAINTENANCE DATE:

THIRD DRILLER - E. KOGLIN. DEPTH TO WATER: 74
FEET ON 6-24-80. FINE SUBDIVISIONS OF THE
DRILLER'S LOG WERE INTERPRETED BY USING AN
ELECTRIC LOG. E-LOG: SINGLE POINT RESISTIVITY,
SPONTANEOUS POTENTIAL, NATURAL GAMMA.

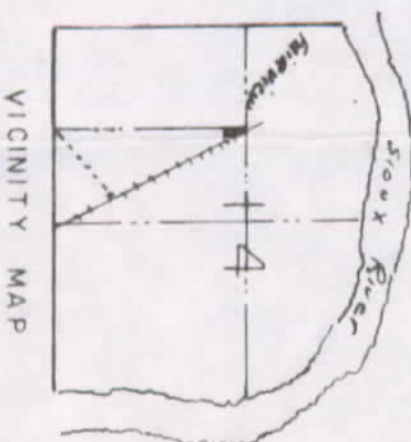
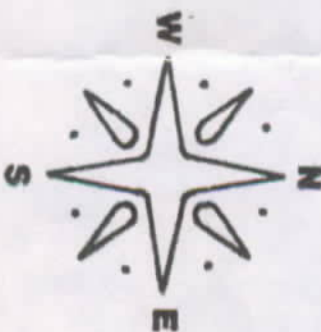
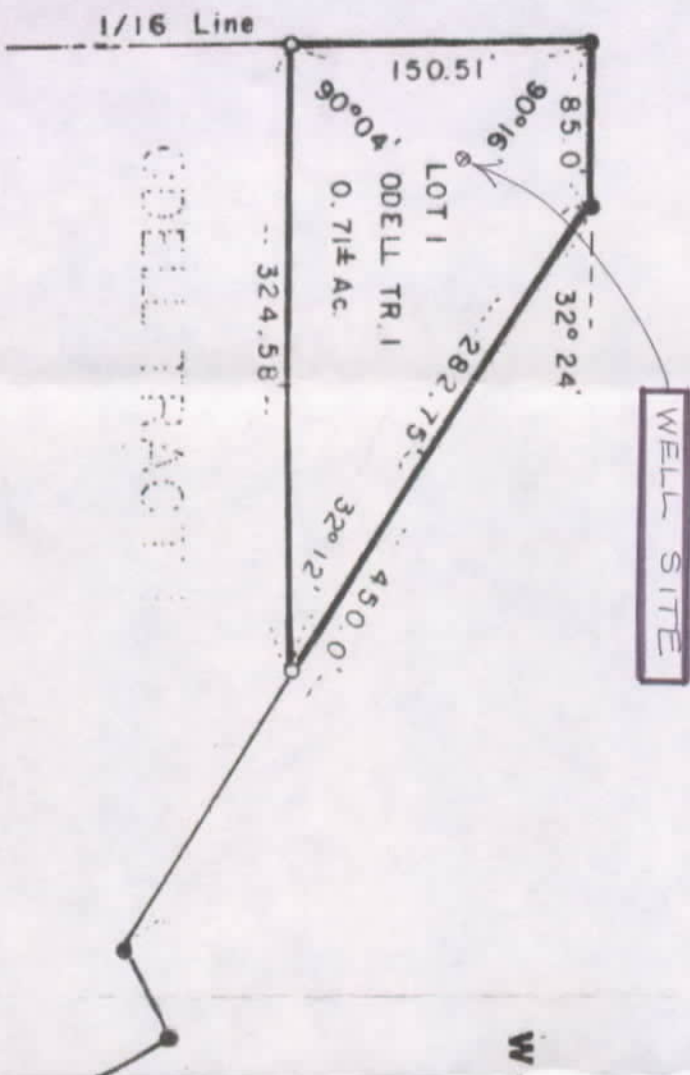
0 -	4	CLAY, YELLOWISH-BROWN, SILTY, SANDY, PEBBLY (TILL)
4 -	40	GRAVEL, REDDISH-BROWN, COARSE
40 -	60	CLAY, GRAY, SILTY, SANDY, PEBBLY (TILL)
60 -	190	SHALE, GRAY (CARLILE SHALE)
190 -	229	SHALE, GRAY (CARLILE SHALE? GRANEROS SHALE?)
229 -	232	SAND, WHITE, FINE, CEMENTED (DAKOTA FORMATION)
232 -	234	SHALE, GRAY (DAKOTA FORMATION)
234 -	237	SAND, WHITE, FINE (DAKOTA FORMATION)
237 -	244	SHALE, GRAY (DAKOTA FORMATION)
244 -	248	SAND, WHITE, FINE, CEMENTED (DAKOTA FORMATION)
248 -	254	SHALE, GRAY (DAKOTA FORMATION)
254 -	259	SAND, WHITE, FINE, CEMENTED (DAKOTA FORMATION)
259 -	268	SHALE, GRAY (DAKOTA FORMATION)
268 -	273	SAND, WHITE, FINE, CEMENTED (DAKOTA FORMATION)
273 -	288	SHALE, GRAY (DAKOTA FORMATION)
288 -	298	SAND, WHITE, FINE, CEMENTED STRINGER AT 292 FEET (DAKOTA FORMATION)
298 -	304	SHALE, GRAY (DAKOTA FORMATION)
304 -	306	SAND, WHITE, FINE, CEMENTED (DAKOTA FORMATION)
306 -	308	SHALE, GRAY (DAKOTA FORMATION)
308 -	310	SAND, WHITE, FINE (DAKOTA FORMATION)
310 -	312	SAND, WHITE, FINE, CEMENTED (DAKOTA FORMATION)
312 -	318	SHALE, GRAY (DAKOTA FORMATION)
318 -	321	SAND, WHITE, FINE (DAKOTA FORMATION)

LOCATION: 097N-48W-142BCB

321 -	366	SHALE, GRAY, INTERBEDDED SAND STRINGERS (DAKOTA FORMATION)
386 -	402	SAND, WHITE, FINE, INTERBEDDED SHALE (DAKOTA FORMATION)
402 -	403	SHALE, GRAY (DAKOTA FORMATION)
403 -	405	SAND, WHITE, FINE (DAKOTA FORMATION)
405 -	407	SHALE, GRAY (DAKOTA FORMATION)
407 -	408	SAND, WHITE, FINE (DAKOTA FORMATION)
408 -	409	SHALE, GRAY (DAKOTA FORMATION)
409 -	419	SAND, WHITE, FINE, SHALE STRINGERS (DAKOTA FORMATION)
419 -	423	SHALE, GRAY (DAKOTA FORMATION)
423 -	444	SAND, WHITE, MEDIUM (DAKOTA FORMATION)
444 -	453	SAND, WHITE, PINK, MEDIUM (WEATHERED QUARTZITE)
453 -	454	SIOUX QUARTZITE, PINK, HARD, THERE WERE ONLY A FEW INCHES OF PENETRATION IN THIS INTERVAL AND A SAMPLE WAS NOT OBTAINED

PLAT OF LOT 1, ODELL TRACT 1 IN THE E² SW⁴ SECTION 14, T 97 N, R 48 W, 5TH P.M.,
LINCOLN COUNTY, SOUTH DAKOTA

48 W. 5TH P.M.,
Plane conversation with
Naughton 10-31-83 R/cf



SCALE: 1" = 100'

○ IRON PIN (SEE)

● PIN FOUND

SURVEYOR'S CERTIFICATE

I, JOHN H. WALKER, REGISTERED LAND SURVEYOR, DO HEREBY CERTIFY THAT AT THE REQUEST OF THE OWNER, ENGINEER, SURVEYED AND PLATTED, ON OR BEFORE SEPTEMBER 4, 1982, LOT 1, ODELL TRACT 1 IN THE E² SW⁴ SECTION 14, T 97 N, R 48 W, 5TH P.M., LINCOLN COUNTY, SOUTH DAKOTA CONTAINING 0.71 ACRES MORE OR LESS.

I CERTIFY THAT THE LOCATIONS AND DIMENSIONS AS SHOWN ON THE ABOVE PLAT ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THE IRON STAKES WERE SET AT THE LOCATIONS SO INDICATED.

IN WITNESS, I HAVE SET MY HAND AND SEAL THIS 4TH DAY OF SEPTEMBER, 1982.



RECEIPT

Division of Water Rights

No 4 9384

South Dakota Department of Water and Natural Resources

Pierre, October 27, 19 83

RECEIVED OF Town of Fairview, South Dakota

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>4982-3</u> to Appropriate Water, to construct works and to put water to beneficial use _____	150	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 Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)	Total	150 00

By John Hatch
Chief Engineer JOHN HATCH

(ks)

MEMORANDUM

TO: Merlin Tipton, State Geologist
Mark Stelchen, Office of Drinking Water
John Hatch, Director, Division of Water Rights
Bill Markley, Section Chief, 208 Program

FROM: *David L. Johnson*
David L. Johnson, Natural Resource Engineer I
Office of Water Quality



DATE: August 1, 1983

RE: Fairview Waterworks Improvements
CDBG-SD8213

This Office hereby requests your comments on a proposed well to be constructed for the referenced project. The well would be placed near the southeast corner of the Town, in the southwest 1/4 of Section 14, T97N, R48W, as shown on the attachment.

The water would be primarily used for drinking and other domestic purposes.

It is anticipated that the well would draw water from the upper part of the Dakota Formation at a depth of approximately 190 to 250 feet. It is proposed that the completed well would be capable of pumping 50 gallons per minute against a head of 230 feet. The proposed finished well would have a 12-inch diameter, with an 8-inch PVC casing and a 5-inch stainless steel screen. The proposed construction contractor is Wetmore Drilling of Elk Point.

If you have any questions, please contact this Office. Your prompt attention to this matter would be appreciated.

Thank you.

B72907DJ.wq

Attachment

350 000 FEET
(S. DAK.)
4789

15 MI. TO INTERSTATE 29

12'30"

8670 II NE
(ALCESTER NE)



Water Rights

The City of Fairview presently holds Vested Right #1158-3 for .18 cfs from one well. If new well is a replacement well no permit will be required. If this project is an additional well a new permit application will need to be filed.

8-16-83 KCL

I TALKED TO THE CONSULTANT ABOUT WELL DESIGN 6 MONTHS OR SO AGO - TOLD HIM TO USE A SMALLER SCREEN THAN CASING SO SCREEN COULD BE PULLED & CLEANED - WATER IS AVAILABLE - WELL DESIGN OK, CONTRACTOR OK, SHOULD BE ACCEPTABLE QUALITY WATER - 12" and 8" SHOULD ALLOW FOR ADEQUATE GROUTING OF PLASTIC - SOUNDS GOOD J.A.G.

8-16-83

M E M O

TO: Dave Johnson, Natural Resources Engineer I
Office of Water Quality

FROM: Kevin C Larson, Natural Resources Engineer III
Division of Water Rights

SUBJECT: Fairview Waterworks Improvements
CDBG-SD8213

DATE: August 17, 1983

The City of Fairview presently holds Vested Right No. 1158-3 for 0.18 cfs from one well. If the new well is a replacement well no new permit application will be required. If this is an additional well a new permit will be required before construction can begin. Jim Goodman of this office spoke with the consultant concerning well design about six months ago and he is of the opinion that the design is acceptable. We will contact the City of Fairview concerning any new water permits.

KCL:ks

Division of Water Rights
605 773-3352

August 18, 1983

City of Fairview
ATTN: David Roti
Box 274
Fairview SD 57027

Mr. Roti:

This office has been informed by the Office of Water Quality that the City is planning to drill a new well. Fairview presently holds a vested water right No. 1158-3 for 0.18 cfs from one well. If the new well is not a replacement for this well then a new permit application will have to be filed and approved before construction of the new well. If you have any questions concerning this matter please contact this office. New permit applications must be received in our office by October 14 to be considered at the November 30-December 1 Water Management Board meeting.

Thank you,

KEVIN C LARSON
Water Resource Engineer

KCL:ks

Conversation or File Documentation

NAME OF PERSON OR FILE: City of FairviewADDRESS: Box 274 COUNTY LincolnDATE: 9-12-83 TELEPHONE _____RE: Permit Application

COMMENTS:

I talked with Dave Johnson about City of Fairview's well project. They want to keep the old well. I am sending them application forms for the new well. It will be in a different formation (Dakota) than the existing well. The well logs are on file in our office (see well LN82P + 82Q). The consulting firm for the City is Naughton-Stockwell
Dan Naughton
1621 S. Minnesota
Sioux Falls

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME:

Kevin C. Larson



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Water Rights Division
605 773-3352

September 13, 1983

City of Fairview
ATTN: David Roti
Box 274
Fairview SD 57027

Mr. Roti:

I spoke with Dave Johnson from the Office of Water Quality concerning the well project for Fairview. He stated that the City wishes to keep the old well as a backup well. The new well will require a permit application be filed by the City. I am enclosing two copies of the permit application that I filled out from the information I have concerning the project. They need to be checked for accuracy, signed and notarized and returned to this office along with a map showing the proposed location of the well as described in number 2 of the instruction sheet and the filing fee of \$150.00. Well logs are already on file in our office and need not be submitted with the application. New applications must be complete and in our office the week of October 10 to be considered at the November 30, December 1 meeting of the Water Management Board. If you have any questions please contact this office.

Thank you,

KEVIN C LARSON
Water Resources Engineer

cc: Dan Naughton
Naughton & Stockwell



**Naughton
Stockwell Engineers**

1621 South Minnesota Avenue
(605) 335-6632

Sioux Falls, SD 57105

TRANSMITTAL

Mr Kevin Larson
Water Rights Division
Dept. of Water & Nat Res.
Pierre, SD 57501

DATE: October 7, 1983

PROJ. NO. _____

RE: Fairview Water Right

☐ As requested

☐ For your information

☒ For review and comment

☐ For approval

☐ Take appropriate action

☐ _____

☒ Enclosed

☐ Under separate cover are the following items:

COPIES:

DESCRIPTION:

1

Letter 9/13/83 to Dave Roti, City of Fairview

REMARKS:

Dear Kevin:

The city of Fairview would like to switch their
water right from the old well to the new well, since
it is highly unlikely that they will ever be using the
old well again.

Is this acceptable

Best Regards,

Dan N

cc: Dave Roti

☐ Transmittal ☐ Enclosures

If enclosures are not as noted,
kindly notify us at once.



October 12, 1983

Naughton-Stockwell Engineers
1621 South Minnesota Avenue
Sioux Falls, South Dakota 57105

ATTENTION: Dan Naughton:

Dear Mr. Naughton:

This letter is in response to the City of Fairview and their new well. As this well will be into a different formation than the old well a new permit application will need to be filed. Their existing well permit cannot be transferred to the new well.

I am also enclosing a copy of SDCL 46-6-27 which was enacted by the 1983 legislature. If the city is going to abandon the old well they will have to comply with 46-6-27. If you have any further questions please contact this office.

Thank you,

Kevin C. Larson
Water Resources Engineer

KCL:ms
Enc.

Conversation or File Documentation

NAME OF PERSON OR FILE: City of FairviewADDRESS: _____ COUNTY LincolnDATE: Oct. 26, 1983 TELEPHONE 335-6632 (Naughton Stockwell)RE: Amount of water requested on Application

COMMENTS:

Talked to Dan Naughton about the application submitted by Fairview. The information I received from Water Quality was that the well would only pump at the rate of 50 gpm. The application is for 0.18 cfs (80 gpm). Dan said the 50 gpm was the correct amount.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: Kevin C. Larson

REPORT ON WATER PERMIT APPLICATION NO. 4982-3

TOWN OF FAIRVIEW

DECEMBER 16, 1983

Water Permit Application No. 4982-3 is for 0.11 cfs from one 258 foot deep Dakota Formation well for municipal use by the Town of Fairview in Lincoln County.

Discussion

The Town of Fairview currently holds Vested Right No. 1158-3 authorizing the diversion of 0.18 cfs from one 60 foot deep well. The existing well is completed in the Big Sioux-South Water Management Unit. High nitrate concentrations in water from the existing well have made it necessary to find a new water source.

SDGS has completed a ground water study to locate a suitable water source for the Town of Fairview.¹ Based upon the findings of this study, and on the recommendation of the Office of Water Quality, the Town has decided to drill a well into the upper part of the Dakota Formation.

Two Water Rights Division observation wells, LN-81P and LN-81Q, were completed in the Dakota Formation during the City study.² Records of the two wells indicate that the static water level of the Dakota Formation has remained essentially the same in this area since 1981. The proposed pumping rate of 50 gpm (0.11 cfs) should not cause excessive drawdown in the area.

Conclusions

1. Based on SDGS open-file report No. 35-UR, the upper part of the Dakota formation is a suitable water source for the Town of Fairview.
2. The proposed diversion rate of 50 gpm (0.11 cfs) should not cause excessive drawdown in the area.



FRANK SMITH
Water Resources Engineer

References

1. Green, Susan, "Ground-Water Study for City of Fairview, South Dakota", Open-file Report No. 35-UR, SDGS, Vermillion, 1983.
2. Observation well files, Division of Water Rights, Pierre SD, 1983.
3. Water Rights Files, Division of Water Rights, Pierre SD, 1983.
4. Hedges, Burch, Isles, Barari, Schoon, "Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa", SDGS, Vermillion SD, 1982.

RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 4982-3, Town of Fairview

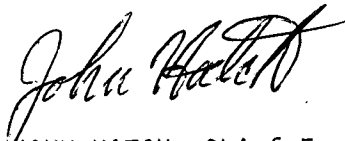
Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 4982-3, Town of Fairview, Box 86, Fairview, South Dakota.

The Chief Engineer is recommending APPROVAL of Application No. 4982-3 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) in the public interest with the following qualifications:

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.

The Town of Fairview report to the Water Management Board annually the amount of water withdrawn each year.

The attached report is a part of this recommendation.

A handwritten signature in cursive script, appearing to read "John Hatch".

JOHN HATCH, Chief Engineer
December 27, 1983

NOTICE OF HEARING on Application No. 4982-3 to Appropriate Water
and/or to Amend Water Permit or Water Rights No. _____

to appropriate 0.11 cubic feet per second from groundwater, a 258' deep Dakota Formation well, the point of diversion to be located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 14, Twp 97N, Range 48W. Said water to be used for the purpose of providing water for municipal use. XXXXX

This application will be considered by the Water Management Board at the Civil Defense
Room, basement Capitol Building, Pierre, SD on February 15 19 84 at 10:00 am.

This application is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17, 46-5-1 thru 46-5-16, 46-5-24, 46-5-25, 46-5-30.2, 46-5-31; 46-2A-1 thru 46-2A-10, 46-2A-12; (ground) 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; ~~(future use) 46-5-38 thru 46-5-40; (transfer lands) 46-5-50.4; 46-5-33 thru 46-5-35; (10,000 AFA) 46-5-20.1, 46-5-8.1; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15; (future use) 74:02:01:24 thru 74:02:01:25; (10,000 AFA) 74:02:01:15:02 thru 74:02:01:15:05.~~

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWNr, Joe Foss Bldg, Pierre SD (605 773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by February 3, 1984.

No. 4982-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Lincoln) ss.

I, Connie Renli hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the SHIUX VALLEY NEW

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the

City of Canton (4

County of Lincoln and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

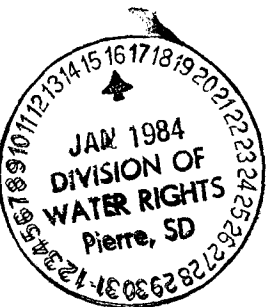
January 5, 1984

January 12, 1984

Connie Renli
(Signature)

Bookkeeper
(Title)

(Date Signed)



Cost of Printing: \$38.29

**NOTICE OF HEARING
ON APPLICATION NO. 4982-3
TO APPROPRIATE WATER**

Notice is hereby given that the Town of Fairview whose mailing address is Box 86, Fairview, South Dakota has made an application for a permit to appropriate 0.11 cubic feet per second from groundwater, a 258' deep Dakota Formation well, the point of diversion to be located in the NE 1/4 SW 1/4, Section 14, Twp 97N, Range 48W. Said water to be used for the purpose of providing water for municipal use.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends Approval of Application No. 4982-3 because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water and 4) is in the public interest.

This application will be considered by the Water Management Board at the Civil Defense Room, basement Capitol Building, Pierre, SD on February 15 1984 at 10:00 a.m.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to make a determination on this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the Applicant and the Chief Engineer by February 3, 1984. The petition may be informal, but it must include a statement describing the petitioners interest in the application, the reason for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a

This application is made pursuant to the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17, 46-5-1 thru 46-5-16, 46-5-2, 46-5-25, 46-5-30.2, 46-5-31; 46-2A-1 thru 46-2A-10, 46-2A-12; 46-6-1, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-12, 46-6-14; and Board Rules SD 74:02:01:01 thru 74:02:01:11.

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWR, Joe Foss Bldg., Pierre, SD (605-773-3333) assistance prior to the date. The time of the hearing

be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by February 3, 1984.



Department of Water & Natural Resources

Joe Foss Building
623 East Capitol
Pierre, South Dakota 57501

4982-3

March 15, 1984

Town of Fairview
Box 86
Fairview, South Dakota 57027

Dear Sir:

Enclosed herewith is your Water Permit No. 4982-3 as approved by the Water Management Board authorizing you to construct your water diversion system and the water to beneficial use, not exceeding the limits as specified in said Water Permit No. 4982-3.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that your Water License may be issued to you, thus completing your acquisition of a Water Right.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division

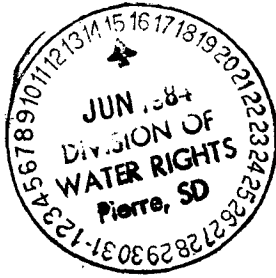
JH:ms

enclosure

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period-i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.

The Town of Fairview report to the Water Management Board annually the amount of water withdrawn each year.
WNR-809-5/83



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

Post Office _____

Date June 13, 1984

TO: Water Rights
Joe Foss Building
Pierre, South Dakota 57501

Dear Sirs:

This is to inform you that I have completed the construction of the water diversion system and/or that I have put the water to beneficial use to maximum extent it is going to be used, not exceeding the amounts as specified in Water Right No. 4982-3.

Water Right Permit No. 4982-3 states that the diversion system is to be constructed by 2-15-89, and that the water is put to beneficial use by 2-15-93.

The diversion system was completed on Jan - 1984. Applying the water to beneficial use was completed on FEB 14, 1984.

You may schedule an inspection so that ~~the Certificate of Construction and/or~~ the Water License may be issued, thus completing my acquisition of a water right.

David M. Stale
(Signature)
President, Town Board
Fairview, SD 57027

Water use - Town of Fairview

FEB-1984 - to FEB-1985 -

7,947,300 gallons



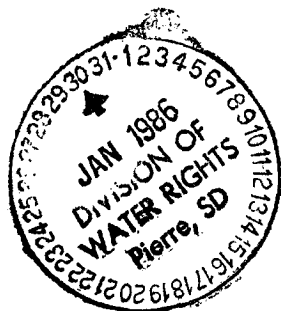
Town of Fairview

water reading Feb 1, 1985:

7,947,300

reading Jan. 22, 1986:

15,006,600



15,006,600
- 7,947,300

7,059,300 gallons

Carol Heesch
Finance Officer

4982-3

WATER RIGHTS DIVISION
(605) 773-3352

January 20, 1987

Town of Fairview
Box 86
Fairview, South Dakota 57027

ATTENTION: Carol Heesch

Dear Ms. Heesch:

Pursuant to the qualification on Permit No. 4982-3, the Water Rights Division is requesting a report of the Town of Fairview's Annual Water Usage from January 22, 1986 to the present.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Division

JH:KB:ms

1486 Water
USW

Dear Mr. Hatch;

March 11 1987

Sorry for the delay in getting this letter to you, but I had a tough time rounding up figures.

The Town of Fairview's Annual Water Usage from Jan 22 - Feb 1 1987 ~~is~~ is 7,496,400 gallons.

Very truly yours,
Tois Klarenbeek
Finance Club Box 56
Fairview, SD



RECEIVED

MAR 16 1987

SOUTH DAKOTA DEPARTMENT OF
WATER AND NATURAL RESOURCES
OFFICE OF DRINKING WATER



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

WATER RIGHTS DIVISION
(605) 773-3352

4982-3

March 12, 1987

Carol Heesch, Finance Officer
Town of Fairview
P.O. Box 74
Fairview, South Dakota 57027

Dear Ms. Heesch:

We have not received the Town of Fairview's Water Usage Report as requested by our January 20, 1987 letter. Please submit the 1986 water use report.

Fairview is required to submit a Water Usage Report to the Division of Water Rights annually by qualification to Water Permit No. 4982-3. Failure to meet the water permit qualification will result in a hearing before the Water Management Board.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Division

JH:ms

cc: Dale Lund, Pres. Fairview Town Board

SOUTH Dakota Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

January 5, 1988

NEW ADDRESS:

Town of Fairview
Box 74
Fairview, South Dakota 57027

DIANNE GIBSON MFO
Box 11

ATTENTION; Carol Heesch

FAIRVIEW, S.D. 57027

Dear Ms. Heesch:

Pursuant to the qualification on Permit No. 4982-3, the Water Rights Division is requesting a report of the Town of Fairview's Annual Water Usage for 1987.

Water Usage
45,494.00

Very truly yours,

John Hatch
John Hatch, Chief Engineer
Water Rights Division
(605) 773-3352

JH:KB:ms

cc: Dale Lund, President Fairview Town Board

Dale Read water meter

*Report to SD. Dept of Water
& Natural Resources.*





Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

NOTICE

February 10, 1989

Dianne Gibson, MFO
Town of Fairview
Box 11
Fairview, SD 57027

Dear Ms. Gibson:

Pursuant to qualification no. 2 on Water Permit No. 4982-3, the Water Rights Division is requesting a report of the Town of Fairview's Annual Water Usage for 1988. Qualification No. 2 states that the Town of Fairview must report to the Water Management Board annually the amount of water withdrawn each year.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
(605) 773-3352

cc: Lowell Fuecht, Town President





Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181



NOTICE

February 10, 1989

Dianne Gibson, MFO
Town of Fairview
Box 11
Fairview, SD 57027

Dear Ms. Gibson:

Pursuant to qualification no. 2 on Water Permit No. 4982-3, the Water Rights Division is requesting a report of the Town of Fairview's Annual Water Usage for 1988. Qualification No. 2 states that the Town of Fairview must report to the Water Management Board annually the amount of water withdrawn each year.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
(605) 773-3352

cc: Lowell Fuecht, Town President

Water withdrawn in 1988:

6,457,200





Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

4982-3

December 5, 1990

TOWN OF FAIRVIEW

DIANNE GIBSON

~~PO BOX 76~~

FAIRVIEW SD 57027

Box 11

Dear MS. GIBSON:

Pursuant to a qualification on Water Permit/Right No(s). 4982-3, we are requesting that the TOWN OF FAIRVIEW report to the Chief Engineer the amount of water withdrawn for the year 1990. Please respond by JANUARY 31, 1991.

If you have any questions concerning this or other water rights questions, please contact Regan Fanning, Natural Resource Analyst, (605) 773-3352.

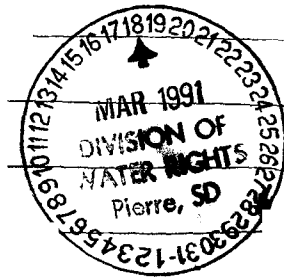
Very truly yours,

Ron Duvall,
Natural Resource Engineer
for JOHN HATCH, Chief Engineer
Water Rights Division

Water used in Fairview for 1990-

2,862,000 gallons

Lianne Gilson





4982-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 11, 1992

Dianne Gibson
Town of Fairview
PO Box 76
Fairview SD 57027

Dear Ms. Gibson:

Pursuant to a qualification on Water Permit/Right No(s). 4982-3, we requested in our January 7, 1992 letter that the Town of Fairview report to the Chief Engineer the amount of water withdrawn for the year 1991. We have not received a reply to that request and would appreciate your earliest reply.

If you have any questions concerning this or other water rights questions, please contact Don Frye, Natural Resources Analyst, (605) 773-3352.

Very truly yours,

Ron Duvall,
Natural Resources Engineer
for JOHN HATCH, Chief Engineer
Water Rights Division

3,137,700 gallons



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

December 23, 1992

Dianne Gibson
Town of Fairview
PO Box 76
Fairview SD 57027

Dear Ms. Gibson:

Pursuant to a qualification on Water Permit/Right No(s). 4982-3, I am requesting that the Town of Fairview report the amount of water diverted under the permit(s) during 1992. Please respond by January 15, 1993.

If you have any questions concerning this or other water rights questions, please contact Barry McLaury, Natural Resources Analyst, (605) 773-3352.

Very truly yours,

RON DUVALL, Natural Resources Engineer
for JOHN HATCH, Chief Engineer
Water Rights Division



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 4, 1993

Larry Nelson, Attorney
P.O. Box 38
Canton, SD 57013

Dear Mr. Nelson:

Enclosed are copies of Water Right No. 1158-3 and Water Permit No. 4982-3 for the Town of Fairview.

If I may be of further assistance, please feel free to contact me.

Sincerely,

Eric Gronlund
Water Rights Division
605 773-3352

enclosure

4982-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 26, 1993

SECOND NOTICE

Dianne Gibson
Town of Fairview
PO Box 76
Fairview, SD 57027

Dear Ms. Gibson:

Pursuant to a qualification on Water Permit/Right No(s). 4982-3, we requested in our December 23, 1992 letter that the Town of Fairview report the amount of water withdrawn during 1992. We have not received a reply and would appreciate your earliest response.

If you have any questions concerning this or other water rights questions, please contact Barry McLaury, Natural Resources Analyst, at (605) 773-3352.

Very truly yours,

RON DUVAL, Natural Resources Engineer
for JOHN HATCH, Chief Engineer
Water Rights Division

987-1082

-1992-

2,652,900 GALLONS

8.1 AC./FT. used

80 AC./FT. Allowed

4982-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 13, 1994

Dianne Gibson 987-2982
Town of Fairview
PO Box 76
Fairview, SD 57027

Dear Ms. Gibson:

Pursuant to a qualification on Water Permit/Right No. 4982-3, I am requesting that the Town of Fairview report the total amount of water diverted during 1993. Please respond by January 31, 1994.

If you have any questions concerning this or other water rights questions, please contact Barry McLaury, Natural Resources Analyst, (605) 773-3352.

Sincerely,

A handwritten signature in black ink, appearing to read "Ron Duvall".

RON DUVALL, Natural Resources Engineer
for JOHN HATCH, Chief Engineer
Water Rights Division



4982-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 28, 1994

SECOND NOTICE

Dianne Gibson
Town of Fairview
PO Box 76
Fairview, SD 57027

Dear Ms. Gibson:

Pursuant to a qualification on Water Permit/Right No. 4982-3, we requested in our January 13, 1994 letter that the Town of Fairview report the total amount of water withdrawn during 1993. We have not received a reply and would appreciate your earliest response.

If you have any questions concerning this or other water rights questions, please contact Barry McLaury, Environmental Scientist, at (605) 773-3352.

Sincerely,

RON DUVAL, Natural Resources Engineer
for JOHN HATCH, Chief Engineer
Water Rights Division

3, 930, 900 gallons

Lianne Gang

Permit No. 4982-3
Big Sioux River - 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 12, 1997** made a thorough examination of the water use system constructed by **City of Fairview** of **P.O Box 76, Fairview, SD 57027** holder of Permit No. **4982-3**, bearing the priority of **October 26, 1983** authorizing the diversion of **0.11** cu. ft. per second of the waters of **Dakota Aquifer** for **municipal water supply** purposes, in **Lincoln** County.

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

A. Works used to divert the water:

One well 258' deep with 178' of 8" pvc casing and 80' of 5" pvc screen, 40gpm pump and 5hp motor.

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

Municipal water distribution system with a chlorinator and a 30,000-gallon tank on a tower.

C. Works used to apply water to beneficial use:

Same as B.

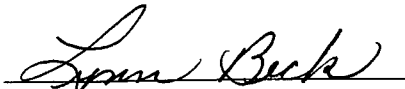
The system is in the following condition **good**. The point of diversion is located **65' S and 1260' W of the center of Section 14, T97N-R48W**. The works are capable of diverting and conveying to the place of use **.09** cu. ft. per second of water which is to be used for **municipal water supply**. Water has been put to beneficial use to the maximum extent as follows:

Municipal water supply for the town of Fairview.

the license should be issued for **.09** cfs.

Applicable permit qualifications have been complied with: **yes**

Exceptions to compliance are: **none**



Lynn Beck
Natural Resources Engineer
DENR, Water Rights Program

4-17-2000
Date

REPORT ON INSPECTION OF PERMIT NO. 4982-3

DATE OF INSPECTION: 9-12-97

Other permit(s) associated with the project: VR 1158-3

NAME & ADDRESS OF INSPECTION CONTACT: Scot Montgomery, P.O. Box 53, Fairview, SD 57027, (605) 987-2930.

RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE: Water Superintendent for the City of Fairview.

NAME & ADDRESS OF PERMIT HOLDER: City of Fairview, P.O. Box 76, Fairview, SD 57027.

DIVERSION POINT LEGAL LOCATION: NE¼ SW¼ Section 14-T97N-R48W, 65' S and 1260' W of the center of Section 14.

WELL INFORMATION:

- 1) Well Drilling Firm: #
- 2) No. of Wells 1
- 3) Depth(s) 258 feet
- 4) Well log is available no

Casing:

- 1) Diameter 8 inches
- 2) Length 178 feet
- 3) Type pvc

Screen:

- 1) Type pvc
- 2) Length 80 feet
- 3) Static water level 60 feet

Pump:

- 1) Make #
- 2) Model #
- 3) Size #
- 4) Capacity 40 GPM

Motor:

- 1) Make #
- 2) Model No. #
- 3) Horsepower rating 5 hp

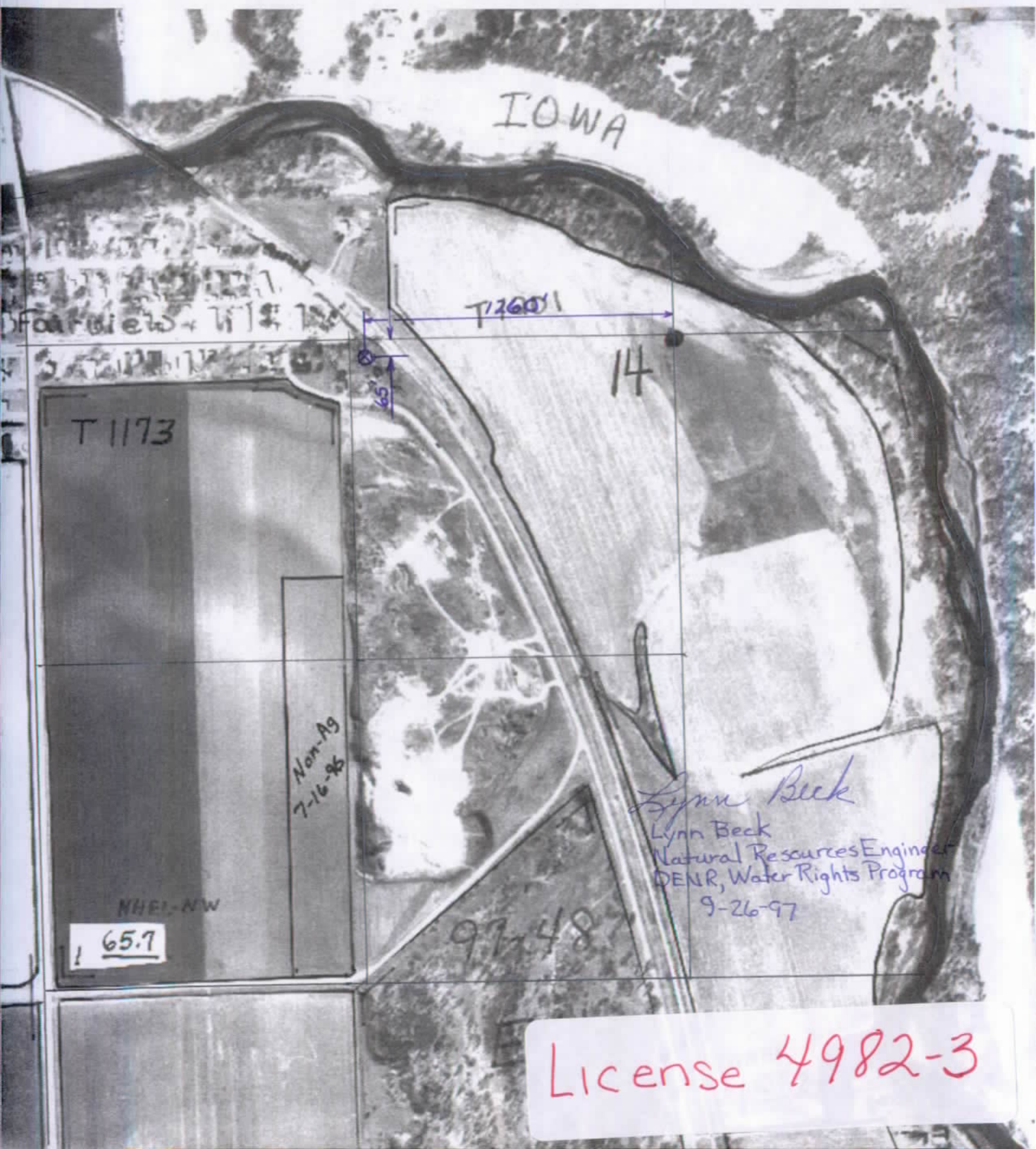
DISTRIBUTION LINES OR CANALS: City water distribution system. Pump through a chlorinator and to a 30,000 gallon tower.

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Special qualifications to permit being abided by yes
- 2) All structures, wells and lands on map yes

MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP

4982-3





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

April 19, 2000

4982-3

Town of Fairview
%Dianne Lang, Finance Officer
P.O. Box 76
Fairview, SD 57027-0076

Dear Ms. Lang:

The investigation of your water use system was conducted on September 12, 1997, by Lynn Beck, staff engineer. The investigation included the extent of application of water to beneficial use, as developed under Water Permit No. 4982-3. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the investigation and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

**Please remit fee to:
Department of Environment & Natural Resources
Water Rights Program
523 E. Capitol
Pierre, SD 57501-3181**

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Program
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUL 10 2000

4982-3

Town of Fairview
%Dianne Lang, Finance Officer
P.O. Box 76
Fairview, SD 57027-0076

Dear Ms. Lang:

Enclosed is Water License No. 4982-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 416554 in the amount of \$50.00 which you paid for the investigation and issuance of the Water License.

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. 4982-3, 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

ks
enclosures

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

N2 416554

Pierre, June 23, 2000

RECEIVED OF Town of Fairview, Box 76, Fairview, SD 57027-0076
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. _____ to Appropriate Water, to construct
and to put water to beneficial use _____

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. 4982-3

Fee for Filing Transfer Form _____

Fee for Filing Extension Request _____

Fee for _____

(Any Other Work Provided by Law)

Total

50 00

50 00

By _____
Chief Engineer

Harold Estelle

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 4982-3

(1) The Town of Fairview, PO Box 76, Fairview, SD 57027-0076 made Application No. 4982-3, October 26, 1983 for a water permit to divert 0.11 cubic feet of water per second from ground water (one well), Lincoln County, South Dakota for municipal purposes. Permit No. 4982-3, with a priority date of October 26, 1983 was approved February 15, 1984 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before February 15, 1989 and for the application to beneficial use of said water on or before February 15, 1993.

(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 0.09 cubic feet of water per second for beneficial use. The location of the diversion point is 65'S and 1,260'W of the center of Section 14, T97N, R48W (NE ¼ SW ¼).

(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 Fairview, PO Box 76, Fairview, SD 57027-0076 the holder and/or owner of Water Right No. 4982-3 is issued a license to appropriate water, the right to use 0.09 cubic feet of water per second from ground water (one well) with a priority date of October 26, 1983 from the location specified in (2) of this license, for municipal purposes. This license is subject to any limitations or qualifications listed in Water Right No. 4982-3 and subject to South Dakota State Law.



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

JUL 10 2000

date



File Nos. 5216-3, 5217-3, 5218-3, 5219-3, 6499-3,
1262A-3, 1262B-3, 1262C-3, 6743-3, 4401-3,
4982-3, 5647-3, 6490-3, 6311-3, 6300-3,
6435-3, 6456-3, 6727-3

Water Rights Program File Documentation

DATE: 04/02/2008

The table below represents the water use reported from the Dakota Formation from Lincoln County by the major water users (City of Canton, Town of Worthing, Town of Fairview and South Lincoln Rural Water Sytem).

	Canton	Worthing	Fairview	SLRWS
	Acre-feet per year*			
2006	406	110	10	863
2005	403	34	8	769
2004	411	37	5	904
2003	384	48	9.2	725
2002	352	NA	NA	786
2001	331	NA	NA	877
2000	370	NA	NA	843
1999	384	4	9.4	781
1998	395	33	12	693
1997	427	36	9	663
1996	394	34	13	689
1995	397	30	11	707
1994	383	25	13	766
1993	351	24	12	630
1992	345	26	8	680
1991	391	28	10	696
1990	401	26	9	669
1989	402	31	NA	650
1988	388	26	20	660
1987	430	32	14	453
1986	330	25	22	370
1985	334	27	22	370
1984	346	27	24	368
1983	330	27	NA	341

* Numbers shown in black originated from Non Irrigation Questioner Data Base

Numbers in blue originated from 4/2/2008 personal correspondence with John Sievers (SLRWS manager)

Numbers shown in red originated from Jim Goodman's report on Application Nos. 5155-3 and 5156-3 (with permit files)

NA= not available

Ken Buhler
Natural Resources Engineer

Schlaak, Karen

From: Dianne Lang <townoffairviewfo@speednet.com>
Sent: Monday, January 21, 2013 3:15 PM
To: Schlaak, Karen
Subject: Fairview Water Use

The Town of Fairview was totally converted to SLRW in December, 2011.

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Dianne Lang MFO
Town of Fairview
townoffairviewfo@speednet.com
PO Box 76
Fairview, SD 57027
605-987-2982