

WATER PERMIT NO. 6996-3

Name of Applicant: Hoffman Farms

Address: 13754 323rd Ave, Bowdle SD 57428 Phone: 605 285-6346

Amount of Water Claimed: 1.78 cfs Total Acres: 130

Source of Water Supply: groundwater (6-8 wells)

Water to be used for: irrigation County: Edmunds

Type of Waste Disposal System:

Location: 2 miles southwest of Bowdle

PRIORITY Date Received: 2-28-08

Application/License Fee: \$300

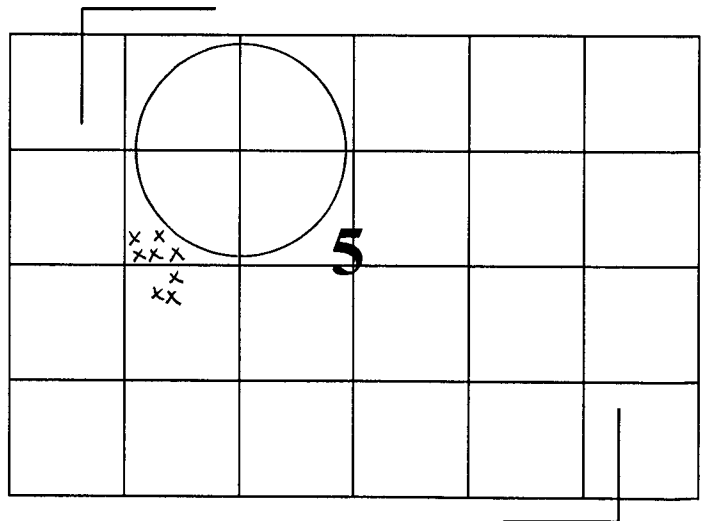
Corrected Application Received: 3-12-08

Period of Annual Use: April 1 – September 30

Remarks:

Diversion Point: SW ¼ NW 1/4, NW ¼ SW ¼ Sec
5-T122N-R73W

Land to be Irrigated: NW ¼ Sec 5-T122N-R73W



Depth of Well: 40 – 45 feet deep

Well Driller: : K & K Well Drilling

Remarks:

Type of Map: aerial

Prepared by: K J Kehrwald, NRCS

Reviewed and the Number Assigned on: 3-12-08

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

FORM 2: Application for irrigation in South Dakota
(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6996-3</u> (office use only) <u>10/30/05</u>
	Basin <u>Missouri River</u>
	Newspaper <u>Revere - Hosmer Independent PO Box 7</u>
	<u>605-426-6471</u> <u>Hosmer SD 57451</u>

RECEIVED
FEB 28 2008
 WATER RIGHTS
 PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: X New Vested Right Amendment/Correction to Permit No.

(Use predates Mar 2, 1955)

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

- Name of Applicant Hoffman Farms % Maurice Hoffman (owner) Phone (605) 285-6346
 (check one) Owner X Tenant/lessee
 Mailing Address 13754 323rd Ave / Bowdle State SD 57428
 (Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 1.78*CFS or 800**GPM ***AF Total Acreage 130
 (*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable
- Source of water supply Wells
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
6-8 wells in SW1/4 of NW1/4 section 5-T122N-R73W and NW1/4 of SW1/4 section
5-T122N-R73W (see attached map) County Edmunds
- County or counties where water will be used Edmunds
- Annual period during which water is to be used April-September
- List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
 (Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
SW1/4 NW1/4 5-122-73	30		
NW1/4 NW1/4 5-122-73	30		
NE1/4 NW1/4 5-122-73	35		
SE1/4 NW1/4 5-122-73	35		

- Give a description of the project. (Attach sheet if more space is needed)
Plan to install a new irrigation pivot in NW1/4 section 5-122-73. Wells
have been drilled but are not hooked up yet.

STATE OF SOUTH DAKOTA)
 County of Edmunds 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, Maurice Hoffman, 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.

Applicant's signature Maurice Hoffman

Subscribed and sworn to before me this 26th day of February 20 08

Couper-Turner 3-28-12
 Notary Public signature

SOUTH DAKOTA
WATER PERMIT NO. 6996-3

Date of first receipt of application February 28, 2008.

Date of return to applicant for corrections, amendments or changes March 5, 2008.

Date of receipt of corrected application March 12, 2008.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6996-3 to Hoffman Farms, c/o Maurice Hoffman, 13754 323rd Ave, Bowdle SD 57428 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 6996-3 appropriates 1.78 cubic feet of water per second from eight wells to be completed into the Bowdle Edmunds Aquifer (up to 45 feet deep) located in SW 1/4 NW 1/4 and NW 1/4 SW 1/4 Section 5 to irrigate 130 acres located in the NW 1/4 Section 5; all in T122N-R73W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 – September 30.
3. The date from which applicant may claim right is February 28, 2008.
4. The date of approval of Permit No. 6996-3 is June 2, 2008.
5. One-fifth of the construction is to be completed on or before December 2, 2010.
6. All construction is to be completed on or before June 2, 2013.
7. Water is to be put to beneficial use on or before June 2, 2017.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The wells 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.
2. The wells authorized by Permit No. 6996-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

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

JUN 26 2008
date



Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 10 in Depth 40 - 45 ft
- b) Casing Type SDR 21 (200# pipe) Diameter 6 in Thickness SDR 21
- c) Screen Type perforated pipe Diameter 6 in Thickness SDR 21
- d) Gravel Pack naturally developed Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material approx. 15 - 18 ft
- f) Depth to Water (ground surface to water level) 15 - 18 ft
- g) Distance to nearest existing domestic well:

On applicants property 1 1/4 miles

On property owned by others 1 1/4 miles

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) _____
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System _____

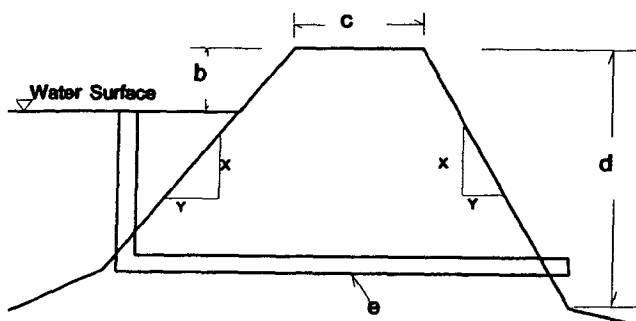
3. Dugout Information

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:



- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 2/28, 20 08

RECEIVED OF Hoffman Farms Partnership 13754 323rd Ave Bowdle SD 57428

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

Fee for Application for Permit No. <u>6996-3</u> to Appropriate Water, to construct and to put water to beneficial use	250	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>6996-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)		
TOTAL	300	00

No.

03555

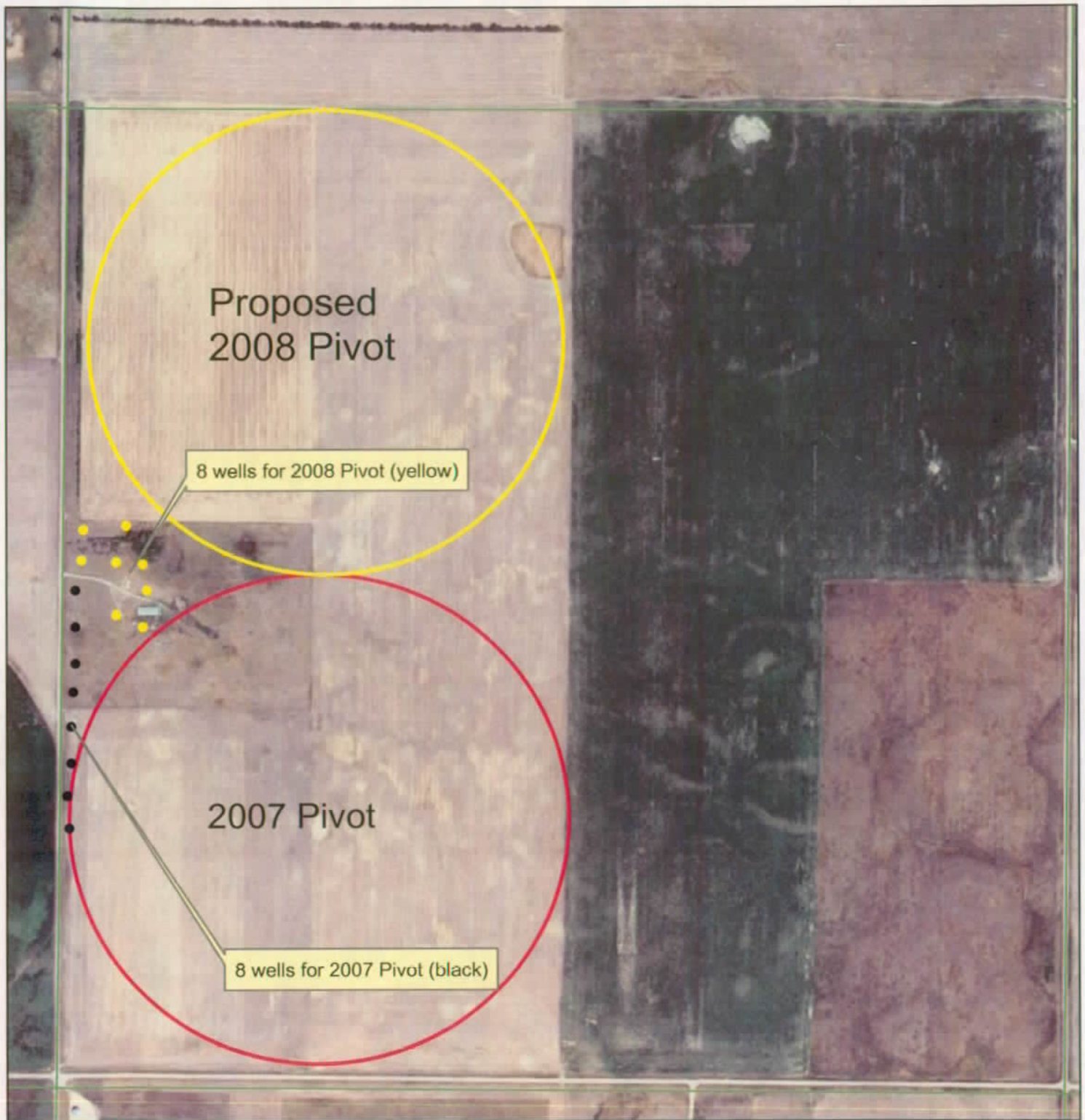
By

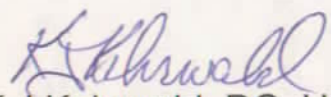
Donald Erbe
Chief Engineer

yz

M. Hoffman Proposed Irrigation

Section 5, T122N - R73W




K J Kehrwald, DC, USDA/NRCS

- original -

07-92

Address: Bawdle, SD

TO

feed lot, etc.)? _____ ft. from _____ (identify source).

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

Direct Rotation

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
Class 80 LB/FT	10 IN	VERTS	FT	10 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

Groat Type	No. of Sacks	Groat Weight	From	To
3.8 chips		lb./gal	ft	ft
		lb./gal	ft	ft

Describe grouting procedure poured into annulus to 1'
above screen

Diameter 6 IN Length VARIES 10-20 FEET

Material _____
Slot Size 025 Set From _____ Feet to _____ Feet

Other information

if so, what material?

Describe packer(s) and location?

DISINFECTION: Was well disinfected upon completion? YES, How: Chlorine Pooled

Laboratory sent to for water
quality analysis

STATIC WATER LEVEL _____ Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced Flowrate _____ GPM

Can we be completely shut in?

WELL TEST DATA:

☐ Pumped

Describe:

☐ Baled☐ Other

Pumping

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 # 432

And this report is true and accurate.

Drilling firm Rockwell Drilling

Signature of License Representative:

Sam Kerner

Signature of Well Owner or Equitable Property Holder:

- proposed pivot -

ST $\frac{1}{2}$ sec. 5-123-73SW $\frac{1}{4}$ SW $\frac{1}{4}$ 5-122-73

1. gravel - med to coarse 0-46 WL - 12'
well - 45' screen - 20' PWL - 17' @ 100
2. gravel - med to coarse 0-43 WL - 12'
well - 43' screen - 20' PWL - 17' @ 100
3. gravel - coarse 0-28 WL - 8'
well - 30' screen - 10' PWL - 24' @ 100
4. gravel - coarse 0-33 WL - 9'
well - 34' screen - 15' PWL - 20' @ 100
5. gravel - coarse 0-39 WL - 9'
well - 40' screen - 20' PWL - 19' @ 100
6. gravel - coarse 0-40 WL - 12'
well - 40' screen - 20' PWL - 19' @ 100
7. gravel - coarse 0-43 WL - 11'
well - 43' screen - 20' PWL - 18' @ 100
8. gravel - coarse 0-40 WL - 12'
well - 40' screen - 20' PWL - 18' @ 100

wells for
SW $\frac{1}{4}$ →wells for
NW $\frac{1}{4}$ →NW $\frac{1}{4}$ 5-122-73

1. gravel - to 40' - SWL - 15.5'
well to 40' screen - 10' PWL - 27' @ 120
2. gravel to 41' SWL 14.5'
well to 42' screen 10' PWL - 23' @ 120
3. gravel to 40' SWL 16'
well to 40' screen 10' PWL - 32' @ 70 gpm
4. sand/gravel 41' SWL 14'
well to 41' screen 10' PWL - 21' @ 120
5. gravel/rocky - 42' SWL 18.5'
abandoned & plugged
6. gravel - to 41' SWL - 17'
well depth 40' screen 10' PWL 23' @ 20
7. gravel - 42' SWL 17'
well 40' screen 20' PWL - 22' @ 120
8. gravel - 44' SWL 18'
well - 45' screen - 20' PWL 26' @ 120

N1

NW $\frac{1}{4}$

SEC 5-123=73

All information on this page for
NW 1/4 5-122-73

1. Sand & gravel brown - 0-15
 Clay fil - gray 15-30
 sand & gravel dark 30-40
 SWL 18.5' - PWL 27 @ 120 GPM
 10 GPM/ft.

2. sand & gravel brown 0-15
 sand & gravel - dark 15-41
 SWL 14.5 PWL 23 @ 120 GPM
 15 GPM/ft.

3. sand & gravel - brown 0-15
 sand & gravel gray 15-25
 sand & gravel dark 25-40
 SWL 12' 33' PWL @ 70 GPM
 pumped 50 GPM.

4. sand & gravel - brown 0-14
 sand & gravel - dark 14-22
 til gray 22-26
 sand & gravel dark 26-41
 SWL 14' Pumped 120 GPM @ 22'
 176 GPM/ft & down.

5. sand & gravel brown 0-18
 sand & gravel dark 18-22
 rocks & cobbles 22-30
 coarse gravel 30-42
 SWL 18.5 pumped 60 GPM @ 32'

6. sand & gravel - brown 0-17
 sand & gravel dark 17-22
 clay fil 22-25
 sand & gravel dark 25-41
 SWL 17' Pumped 120 GPM @ 23'
 20 GPM/ft.

7. sand & gravel - brown 0-18
 sand & gravel dark 18-22
 til 22-26
 sand & gravel 26-42
 production good well.

8. sand & gravel - brown 0-17
 sand & gravel dark 17-46
 SWL 18' Pumped 120 GPM @ 26'
 15 gal/min/ft.

WELL DEPTH

1. 40' - 10' screen
2. 42' 10' screen
3. 40' 10' screen
4. 41' 10' screen
5. 40' 20' screen
6. 40' 10' screen
7. 40' 20' screen
8. 45' 20' screen

1. 2 hp @ 100
2. 5 hp @ 150
3. 2 80 GPM
4. 5 hp @ 150
- ~~5. 2 hp @ 150~~
6. 5 hp @ 150
7. x 150
8. 5 hp @ 150





DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

April 29, 2008

Maurice Hoffman
Hoffman Farms
13754 323rd Avenue
Bowdle SD 57428

Dear Mr. Hoffman:

Hoffman Farms currently has two water right permit applications pending for irrigation. They are:

- Application No. 6996-3 to appropriate 800 gpm from up to 8 wells to irrigate 130 acres in the NW ¼ Section 5, T122N, R73W.
- Application No. 6794A-3 proposing to amend Permit No. 6794-3 to change the acreage location and specify that the total of 8 well will be used to irrigate the SW ¼ Section 5, T122N, R73W.

As you are aware, a neighboring application for irrigation filed by Hoffman Harvesting has been contested. The hearing on this application is now scheduled for July 2nd in Pierre. Since Hoffman Harvesting's application was filed before your application, we can not proceed to public notice these application in a manner that they could be approved prior to the Board making a determination on this earlier application. Therefore, we will be public noticing Application Nos. 6794A-3 and 6996-3 for the July meeting so that the Board can hear all the applications at the same time. The public notice for Hoffman Farms' two applications will be sent for publishing in the newspaper in mid-May.

Please contact me if you have any questions.

Sincerely,

Eric Gronlund
Water Rights Program, DENR
605 773-3352



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
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www.state.sd.us/denr

March 5, 2008

Hoffman Farms
c/o Maurice Hoffman
13754 323rd Ave
Bowdle SD 57428

Dear Mr. Hoffman:

Thank you for submitting the two *Applications for a Permit to Appropriate Water* for irrigation in Edmunds County.

The application to irrigate 130 acres located in the NW $\frac{1}{4}$ Section 5-T122N-R73W is complete. We received your check for \$300 which is the correct fee for irrigation of 130 acres.

Regarding the application for additional wells and to change the location of the irrigated acreage authorized by Water Permit No. 6794-3, a \$50 application filing fee will be required. Water Permit No. 6794-3 authorized irrigation of 130 acres located in the W $\frac{1}{2}$ SE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$ Section 5-T122N-R73W. From the map submitted with the application, it appears that the pivot was constructed in the SW $\frac{1}{4}$ Section 5. Is this correct?

Upon receipt of the fee, further processing of both applications will continue. If you have any questions, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352
karen.schlaak@state.sd.us

RECEIVED

MAR 12 2008

WATER RIGHTS
PROGRAM

Hoffman Farms
13754 323rd Ave
Bowdle, SD 57428

SD DEPT. OF ENVIRONMENT & NATURAL RESOURCES
PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SD 57501-3182

MARCH 10, 2008

To Whom It May Concern:

With regards to our application to add more wells and change the location of the irrigated acreage authorized by Water Permit No. 6794-3, the pivot was constructed in the SW ¼ of Section 5 – T122N – R73W.

Please find enclosed our check for \$50 to cover the application filing fee for this change.

Thank you.

Sincerely,

Hoffman Farms
Maurice & Jerrad Hoffman



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
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523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

May 5, 2008

Richard Beitelspacher
13418 328th Avenue
Bowdle SD 57428

Dear Mr. Beitelspacher:

Please find enclosed the reports, recommendations and public notice to two water permit applications filed by Hoffman Farms. The public notice is scheduled to be published May 14 and 21, 2008 in the Roscoe-Hosmer Independent.

If you have any questions, please feel free to contact me.

Sincerely,

Eric Gronlund
Water Rights Program, DENR
605 773-3352



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6996-3, Hoffman Farms**

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. 6996-3, Hoffman Farms, c/o Maurice Hoffman, 13754 323rd Avenue, Bowdle SD 57428.

The Chief Engineer is recommending APPROVAL of Application No. 6996-3 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 qualifications:

1. The wells 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.
2. The wells authorized by Permit No. 6996-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Garland Erbele, Chief Engineer
April 23, 2008

REPORT ON WATER PERMIT APPLICATION NO. 6996-3
For Hoffman Farms
April 16, 2008

Application No. 6996-3 proposes to appropriate 1.78 cfs (800 gpm) from seven wells approximately 45 feet deep located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ and the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of section 5 to irrigate 130 acres located in the NW $\frac{1}{4}$ of section 5, T122N R73W in Edmunds County.

AQUIFER – BOWDLE EDMUNDS (B-E)

The Bowdle Edmunds is a predominantly surficial outwash (sand and gravel) that appears to be under water table conditions in this area. The aquifer underlies 36,000 acres and contains an estimated 108,000 acre-feet of recoverable water in storage in Walworth County (Hedges, 1982). The aquifer extends into Walworth County to the west and south and the general direction of ground water movement is from northeast to southwest (Kume, 1987). Hamilton reports that potential well yields in this area of the aquifer could vary from 5 to 500 gpm (Hamilton, 1982). The well yield is dependent upon the saturated thickness of the aquifer at any given site. This is the major reason for drilling a number of test holes to evaluate the aquifer potential at any site.

The applicant has now drilled a number of test wells. Apparently eight total wells have been drilled in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ and the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of section 5 as shown on the application map but only seven have been cased. These six inch wells are 40, 42, 40, 41, 40, 40, 45 feet deep and produce 100, 150, 80, 150, 150, 150, and 150 gpm each respectively. These wells have specific capacities ranging from a high of 20 gpm/ft of drawdown to a low of about 4.4 gpm/ft of drawdown. Some of these wells as tested by the well driller may not be dependable as a source for irrigation water.

The Water Rights Program monitors three observation wells ED-75A, ED-75B and WL-75U all located within a two mile radius of this site and completed into the Bowdle Edmunds aquifer. Water levels for these wells show good response to climatic conditions. Water levels rise during wet years (recharge) and gradually decline during dry years. In general the water level record indicates the aquifer is capable of sustaining additional withdrawals (Water Rights, 2008). Hydrographs for these three observation wells are included with this report. Note the typical pattern of the hydrograph showing the lack of effects of pumping and the overall affect of the climatic conditions. It is apparent from the observation well hydrographs that water levels may decline a few feet during an extended period drought. Because these shallow wells are so dependent upon the water level to maintain pumping capacity these wells may fail at a time when the water is most needed.

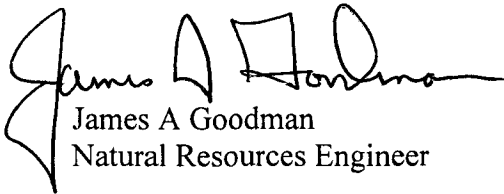
REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest existing permitted ground water user is located in the immediate area. That is irrigation water permit application No. 6794A-3 (eight wells, 1.78 cfs, 130 acres irrigated). The wells for this permit application would be located within 600 feet of some of the wells for that application No. 6794A-3. That assumes those wells were drilled at the sites designated on the map. If the applicant is able to develop sufficient water at this site there may be interference between his own wells (drilled close together) and the

wells for the other water permit application No. 6794A-3. Since it appears to be the same applicant for both permits it is a consideration the applicant must evaluate on his own. However, interference is a concern. That question can only be answered after pumping for a few years and lasting through some drought years. This well field design does not make good sense hydrogeologically. If possible, the wells should be spread out and moved about one-quarter mile north to minimize any potential impacts between the two well fields.

CONCLUSIONS

1. Water is available from the Bowdle Edmunds aquifer.
2. The aquifer appears to be under water table conditions in this area. Drawdown created by pumping should not be significant very far from the individual production wells especially at these proposed diversion rates which are relatively small for each of the well sites.
3. These wells must be constructed in accordance with SD Well Construction Standards.
4. Interference may be a concern. The only affect of pumping should be the applicant on his own wells. The applicant should consider testing somewhere else on the proposed lands because there may be better sites. Spreading out the effects of pumping on such a thin aquifer as this is only prudent.



James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

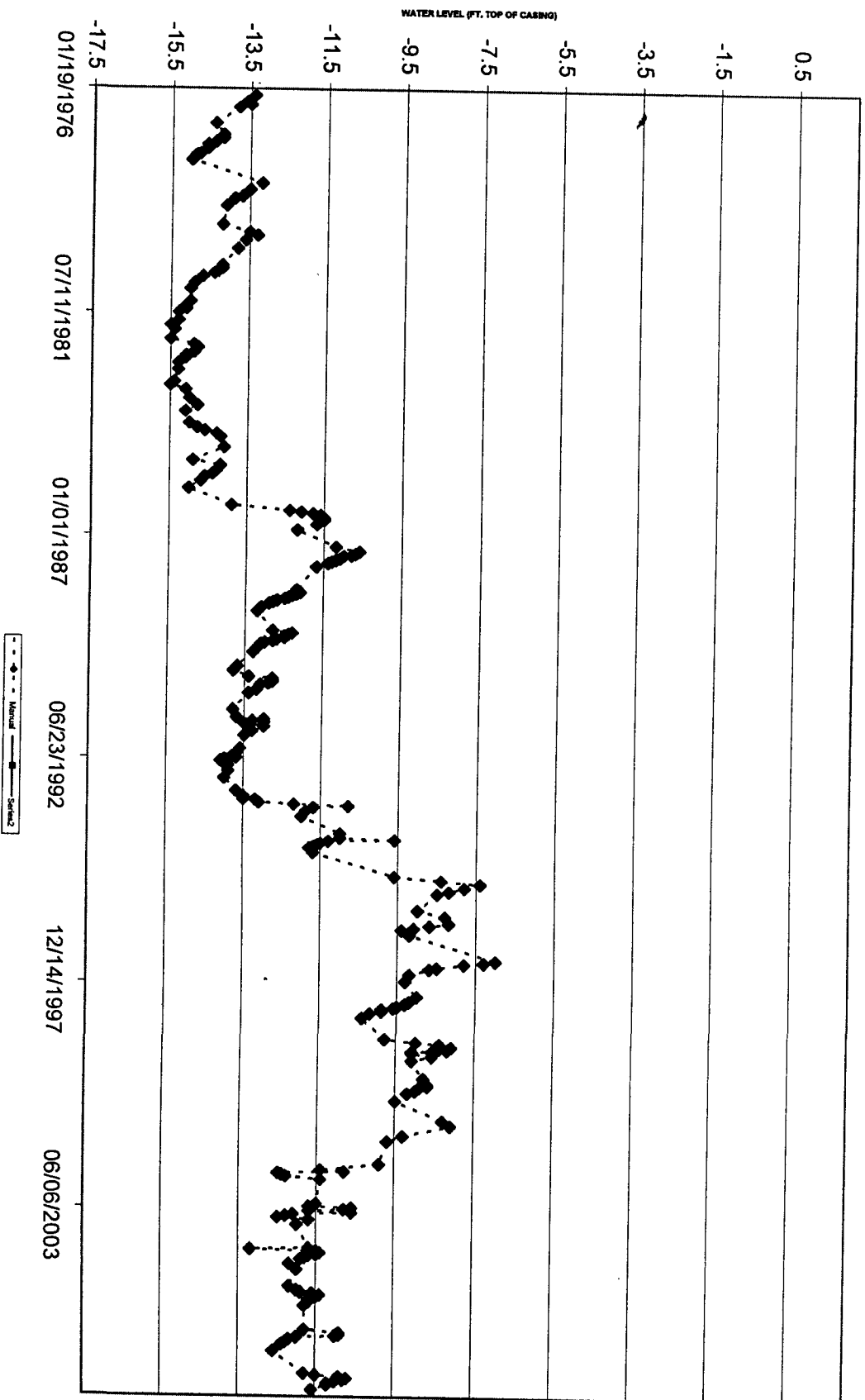
Hamilton, L.J., 1982, Geology and Water Resources of McPherson, Edmunds, and Faulk Counties, South Dakota, Part II Water Resources, SDGS, Bulletin 26, SD DENR, SDGS, Vermillion, SD, 57069.

Hedges, L.S., and others, 1982, Evaluation of Ground Water Resources Eastern SD and Upper Big Sioux River, SD and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

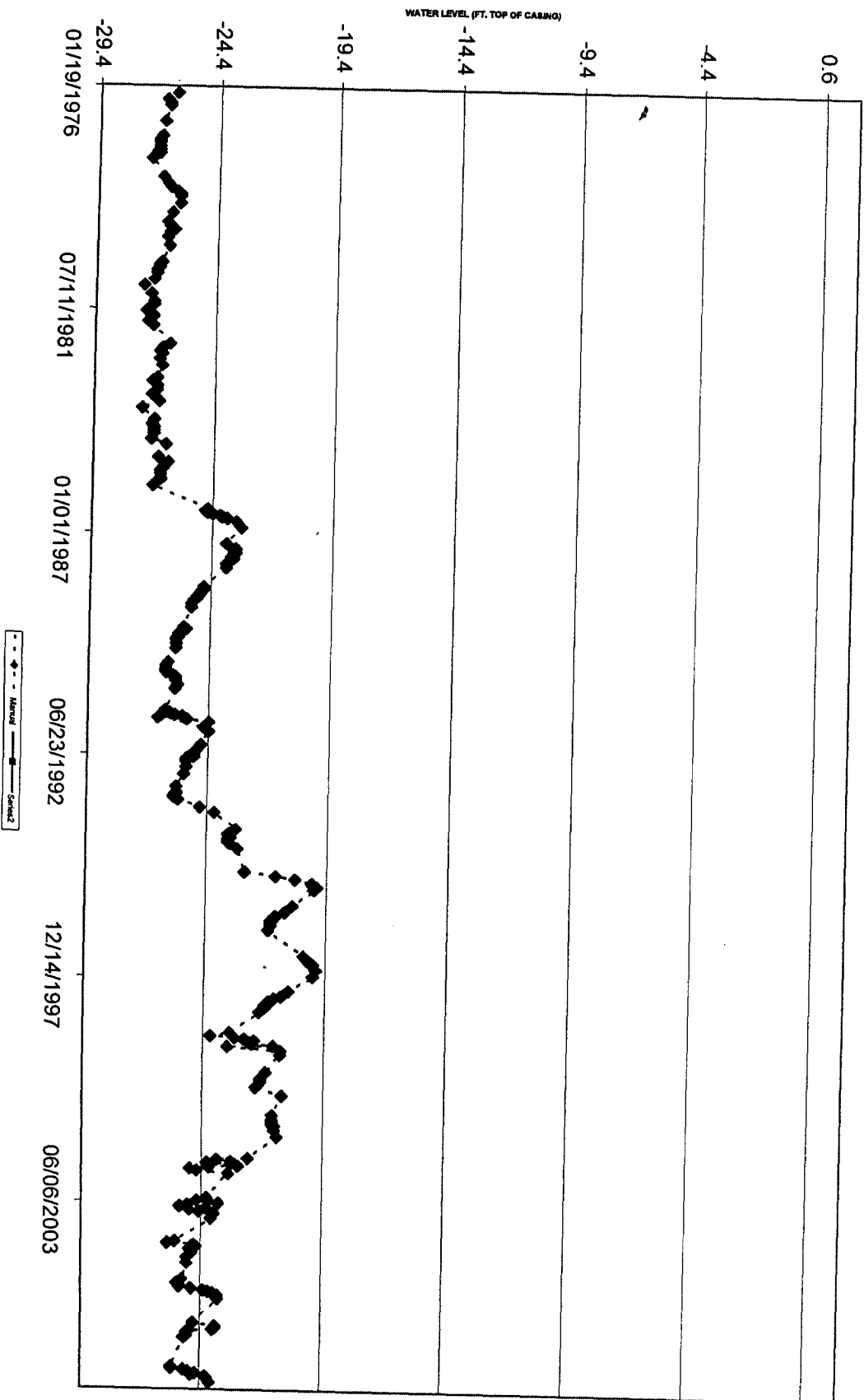
Kume, J., L. Howells, 1987, Water Resources of Walworth County, South Dakota, Water-Resources Investigation Report 85-4015, USGS, Huron, SD, 57350.

Water Rights, 2008, Unpublished Observation Well Records for Edmunds County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

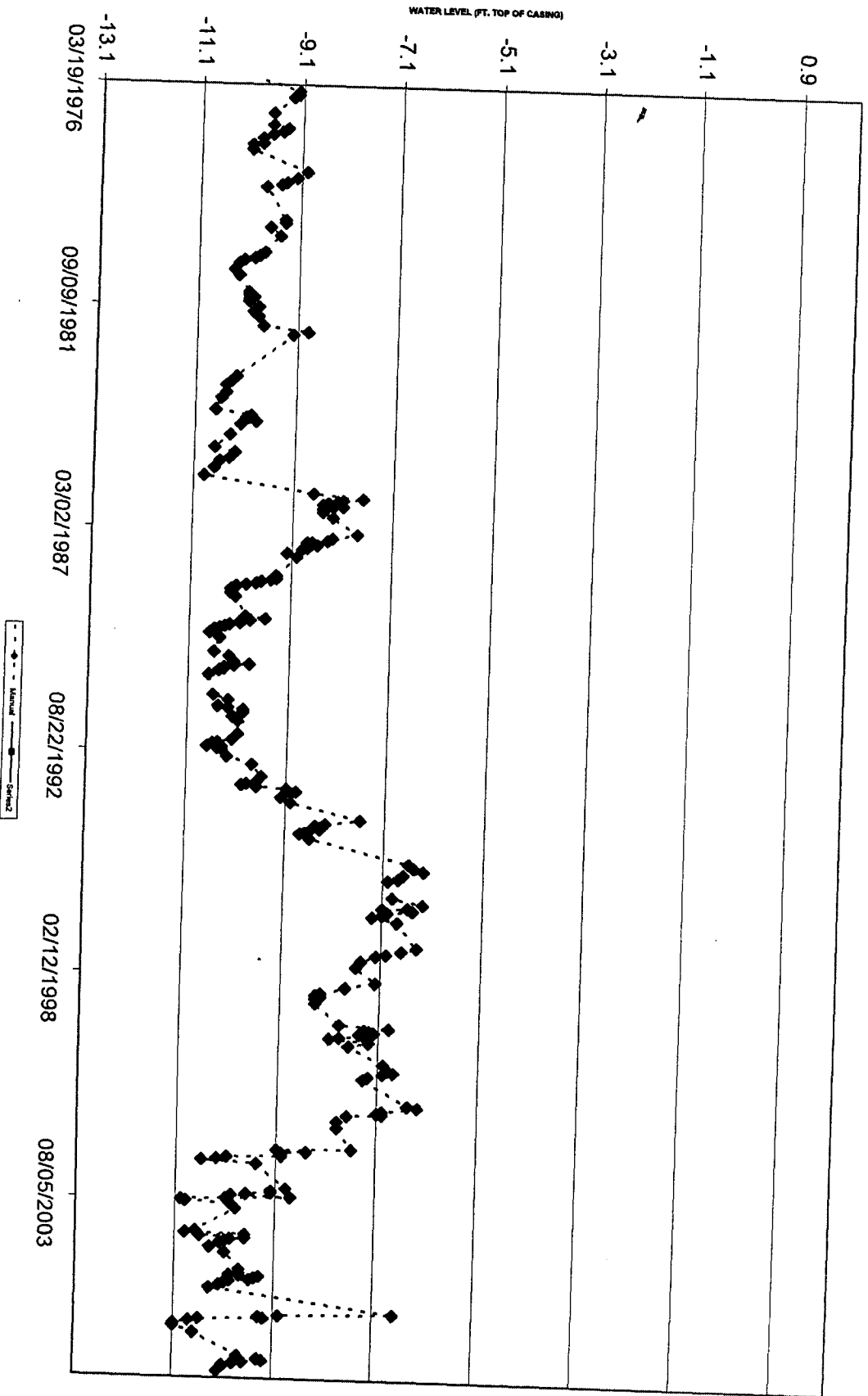
WATER RIGHTS' OBSERVATION WELL
ED-75B



**WATER RIGHTS' OBSERVATION WELL
WL-75U**



WATER RIGHTS' OBSERVATION WELL
ED-75A



AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss
County of Edmunds)

D.E. Gibson of said County and State, b
says: Roscoe-Hosmer Independent is a weekly nev
printed and published in Ipswich, in said Coun
Publishing and Printing Company; and has been su
hereinafter mentioned; that said newspaper now
publication of the attached advertisement, a bona
copies weekly, and has been published within the
two successive weeks prior to the publication of said
was during the publications of said advertismment,
in part, in an office maintained at said place of pub
is and has been during the publication of attat
newspaper, as defined by the laws of the state of Sou

That I, D.E. Gibson
Publisher of said newspaper and a

thereof and have personal knowledge of all the fact
that the advertisement headed

NOTICE OF APPLICATION
TO APPROPRIATE WATER

a printed copy of which hereto attached, was print
newspaper for one successive

The First publication being made on the 14

The Second publication being made on the 21

The Third publication being made on the

The Fourth publication being made on the

The Fifth publication being made on the

The Sixth publication being made on the

The Seventh publication being made on the

The Eighth publication being made on the

The Ninth publication being made on the

The Tenth publication being made on the

That the full amount of the fee charged for publication of said annexed notice
inures to the benefit of the publisher of the Roscoe-Hosmer Independent; that no
agreement or understanding for the division of the fee thereof has been made with
any other person, and that no part thereof has been agreed to be paid to any person
whomsoever.

The charges for said legal publications are Fifty-four

Dollars and forty-one cents (\$54.41)

Subscribed and sworn to before me this 28 day of May 2008

Jena M Gibson

Notary Public Edmunds County, South Dakota.

My Comm. Exp. 2-26-2013

Public Notices Protect Your Right to Know!

PUBLIC NOTICE

NOTICE OF APPLICATION NOS. 6996-3 to Appropriate Water and 6794A-3 to amend Permit No. 6794-3

Notice is given that Hoffman Farms,
c/o Maurice Hoffman, 13754 323rd Ave,
Bowdle SD 57428 has filed the following
applications for a water permit.

Application No. 6996-3 proposes to
appropriate 1.78 cubic feet of water per
second (cfs) from eight wells to be com-
pleted into the Bowdle Edmunds Aquifer
(up to 45 feet deep) located in SW 1/4
NW 1/4 and NW 1/4 SW 1/4 Section 5 to
irrigate 130 acres located in the NW 1/4
Section 5; all in T122N-R73W.

Application No. 6794A-3 proposes to
change the location of the irrigated
acreage and add an additional seven
wells to what is authorized by Water
Permit No. 6794-3. Water Permit No.
6794-3 appropriates 1.78 cfs from one
well to irrigate 130 acres located W 1/2
SE 1/4, E 1/2 SW 1/4 Section 5-T122N-
R73W. This application proposes seven
additional wells completed into the
Bowdle Edmunds Aquifer (up to 45 feet
deep) located in the W 1/2 SW 1/4
Section 5 to irrigate 130 acres located in
the SW 1/4 Section 5; all in T122N-
R73W. This application does not
increase the authorized diversion rate of
1.78 cfs.

Pursuant to SDCL 46-2A-2, the Chief
Engineer recommends APPROVAL of

Application Nos. 6996-3 and 6794A-3
because 1) unappropriated water is avail-
able, 2) existing rights will not be unlaw-
fully 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 these applica-
tions, as recommended, unless a petition
is filed opposing the applications or the
applicant files a petition contesting the
Chief Engineer's recommendations. If a
petition opposing the applications or con-
testing the recommendations 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 these applications or recom-
mendations must file a written petition
with BOTH the applicant and Chief
Engineer. The applicant must file a peti-
tion if contesting the Chief Engineer's rec-
ommendations. The Chief Engineer's
address is "Water Rights Program, Foss
Building, 523 E Capitol, Pierre SD 57501
(605 773-3352)" and the applicant's mail-
ing address is given above. A petition
filed by either an interested person or the
applicant must be filed by June 2, 2008.

The petition may be informal, but must
include a statement describing the peti-
tioner's interest in the applications, the
petitioner's reasons for opposing or sup-
porting the applications, and the signa-
ture 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 these applica-
tions.

Steven M. Pirner, Secretary,
Department of Environment
and Natural Resources
(Publish I 5-14, 21)



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

May 5, 2008

Roscoe-Hosmer Independent
PO Box 7
Ipswich SD 57451

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application Nos. 6996-3 & 6794A-3 to Appropriate Water to be published twice. Please publish the first notice on May 14, 2008 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

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 Hoffman Farms, Maurice Hoffman, 13754 323rd Ave, Bowdle SD 57428 (Ph # 605-285-6346).

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

-----CUT HERE-----

Nos. 6996-3 & 6794A-3

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

Date _____

We are in receipt of your letter of May 5, 2008 enclosing Notice to Appropriate Water by Application Nos. 6996-3 & 6794A-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

PMB 2020
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.

May 5, 2008

Hoffman Farms
Maurice Hoffman
13754 323rd Ave
Bowdle SD 57428

Dear Mr. Hoffman

Water Permit Application Nos. 6996-3 & 6794A-3 for irrigation use have been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Roscoe-Hosmer Independent printed at Ipswich SD (Ph # 605-426-6471). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendations of the Chief Engineer and reports on the applications 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 and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. The newspaper has also 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 recommendations, 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 May 14, 2008 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NOS. 6996-3 to Appropriate Water and 6794A-3 to amend Permit No. 6794-3

Notice is given that Hoffman Farms, c/o Maurice Hoffman, 13754 323rd Ave, Bowdle SD 57428 has filed the following applications for a water permit.

Application No. 6996-3 proposes to appropriate 1.78 cubic feet of water per second (cfs) from eight wells to be completed into the Bowdle Edmunds Aquifer (up to 45 feet deep) located in SW $\frac{1}{4}$ NW $\frac{1}{4}$ and NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 5 to irrigate 130 acres located in the NW $\frac{1}{4}$ Section 5; all in T122N-R73W.

Application No. 6794A-3 proposes to change the location of the irrigated acreage and add an additional seven wells to what is authorized by Water Permit No. 6794-3. Water Permit No. 6794-3 appropriates 1.78 cfs from one well to irrigate 130 acres located W $\frac{1}{2}$ SE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$ Section 5-T122N-R73W. This application proposes seven additional wells completed into the Bowdle Edmunds Aquifer (up to 45 feet deep) located in the W $\frac{1}{2}$ SW $\frac{1}{4}$ Section 5 to irrigate 130 acres located in the SW $\frac{1}{4}$ Section 5; all in T122N-R73W. This application does not increase the authorized diversion rate of 1.78 cfs.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 6996-3 and 6794A-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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations 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 these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. 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 June 2, 2008.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

JUN 26 2008

Hoffman Farms
c/o Maurice Hoffman
13754 323rd Ave
Bowdle SD 57428

Dear Mr. Hoffman:

Enclosed are Water Permit Nos. 6794A-3 and 6996-3 authorizing construction of your water diversion systems and beneficial use of the water, not exceeding the limits as specified in the Water Permits.

Form 10's, *Notice of Completion of Works and Application of Water to Beneficial Use*, are enclosed. Please return the completed forms after you have finished the systems and have put the water to beneficial use. An investigation can then be scheduled so the water licenses 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 7/14/2008

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

RECEIVED**JUL 15 2008****WATER RIGHTS
PROGRAM**

FROM:

Hoffman Farms

(name)

13754 323rd Ave

(address)

Bowdle, SD 57428

(city, state, zip)

(605) 285-6346
(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. 6996-3 states that the water use system is to be constructed by

June 2, 2013

(date)

, and water is to be put to beneficial use by June 2, 2017

(date)

The water use system was completed on July 1, 2008

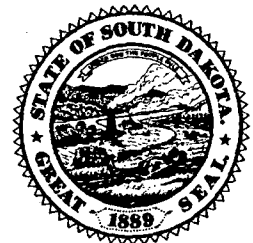
(date)

Applying the water to beneficial use was completed on July 11, 2008

(date)

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

Hoffman Farms [Signature]
(signature)





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

July 17, 2008

6794A-3
6996-3

Hoffman Farms
13754 323rd Ave
Bowdle SD 57428

Dear Mr. Hoffman:

I am writing to acknowledge receipt of the "Notice of Completion of Works" forms that you sent in to let us know that you are completed with your irrigation systems.

The systems are now ready for inspection. Inspections are done on a county-by-county basis as staff time permits. You have done everything you need to do and the intervening time between the completion of your projects and the staff inspection has no bearing on your water permits.

Someone from our office will contact you prior to the inspection to set up a time that is convenient for you. If you have any questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

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, August 19, 2013 made a thorough examination of the water system used by Hoffman Farms, 13754 323rd Ave, Bowdle, SD 57428, holder of Water Permit Nos. 6996-3, bearing the priority date of February 28, 2008. Water Permit No. 6996-3 authorizes the diversion of 1.78 cubic feet per second (cfs) from six to eight wells completed into the Edmunds Management Unit of the Bowdle aquifer at approximately 40 to 45 feet below ground surface for the purposes of irrigating 130 acres in Edmunds County as follows: 30 acres in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 5, 30 acres in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 5, 35 acres in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 5, 35 acres in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 5, all in T122N-R73W.

I have the following conditions to report for the system in question:

- 1) Works used to divert water:
Eight irrigation pumps, manufacturer unknown. One booster pump made by American Marsh Pumps
- 2) Works used to transport water to a place of use:
Underground pipes,
- 3) Works used to apply water to beneficial use:
One Valley 8000 Pivot

The system is in the following condition: well maintained. The wells are in the following locations:

- 1) **2,200 feet south and 100 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41340N Lon 99.68770N.**
- 2) **2,200 feet south and 300 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41345N Lon 99.68692W.**
- 3) **2,400 feet south and 100 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41287N Lon 99.68775W.**
- 4) **2,400 feet south and 300 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41282N Lon 99.68695W.**
- 5) **2,600 feet south and 300 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41225 N Lon 99.68702W.**
- 6) **2,800 feet south and 350 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41163 N Lon 99.68692W.**
- 7) **2,650 feet south and 600 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41213N Lon 99.68573W.**
- 8) **2,500 feet south and 550 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41252N Lon 99.68600 W.**

The lands irrigated by the fore mentioned well are as follows:

- 1) **30 acres in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 5, T122N-R73W.**
- 2) **30 acres in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 5, T122N-R73W.**

3) **35 acres in the SE ¼ NW ¼ of Section 5, T122N-R73W.**

4) **35 acres in the SW ¼ NW ¼ of Section 5, T122N-R73W.**

For a total of 130 acres.

License should be issued for the diversion rate of: **1.67 cfs or 750 gpm.**

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

Exceptions to compliance are: **None**

Date Report Completed: **June 17, 2015**



Bracken Capen

Natural Resources Engineer

DENR, Water Rights Program

FIELD INVESTIGATION REPORT FOR WATER PERMIT NO. 6996-3

DATE OF INVESTIGATION:	August 19, 2014
NAME & ADDRESS OF PERMIT HOLDER	Maurice Hoffman 13754 323rd Ave. Bowdle, SD 57428
NAME & ADDRESS OF INVESTIGATION CONTACT/ RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE	Maurice Hoffman
DIVERSION POINT LEGAL LOCATIONS	1) 2,200 feet south and 100 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41340N Lon 99.68770N. 2) 2,200 feet south and 300 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41345N Lon 99.68692W. 3) 2,400 feet south and 100 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41287N Lon 99.68775W. 4) 2,400 feet south and 300 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41282N Lon 99.68695W. 5) 2,600 feet south and 300 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41225 N Lon 99.68702W. 6) 2,800 feet south and 350 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41163 N Lon 99.68692W. 7) 2,650 feet south and 600 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41213N Lon 99.68573W. 8) 2,500 feet south and 550 feet east of the northwest corner of Section 5, T122N-R73W. Lat 45.41252N Lon 99.68600 W.

WELL INFORMATION:

- 1) Well Drilling Firm: **K+K Drilling**
- 2) Number of Wells: **8**
- 3) Depth: **30 to 45 feet**
- 4) Well Log Available: **One log for all 8**
- 5) Comment:

Motor

- 1) Make: **High Efficiency**
- 2) Model No:
- 3) Power: **2 to 5 hp for pumps in wells, 40 hp for booster pump**

Pumps

- 1) Make: **Unknown for the eight wells, one booster pump by American Marsh**
- 2) Model:
- 3) Size:
- 4) Capacity: **90 to 150 gpm for wells, 760 gpm for booster**

System Type

- 1) Make: **Valley 8000**
- 2) Overall length: **1,300 feet**
- 3) Number of Towers: **7 towers**
- 4) Distance Between Towers:
- 5) End Gun:
- 6) Pressure:
- 7) Capacity: **750 gpm**

Casing

- 1) Diameter: **10 inches**
- 2) Length: **20-25 feet**
- 3) Type: **Plastic**

Screen

- 1) Type: **Manufactured**
- 2) Length: **10 to 20 feet**
- 3) Static Water Level: **Unknown**

CHEMIGATION EQUIPMENT: No

- 1) Mainline Check Valve:
- 2) Low Pressure Drain:
- 3) Inspection Port/Air Relief: .
- 4) Discharge 20 Feet Away:
- 5) Injection Line Check Valve or Positive Displacement Pump:
- 6) Injection Check Valve:
- 7) Properly Installed:

PERMIT QUALIFICATIONS:

- 1) Special qualifications to permit being abided by: **N/A**
- 2) All structures, wells, and lands on map: **Yes**
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period: **Reported irrigation from 2008 to present.**

COMMENTS: None

Sec.31
T123N
R73W

Sec.32
T123N
R73W

31

32

6

5

NW 1/4 NW 1/4
30 Acres

NE 1/4 NW 1/4
30 Acres

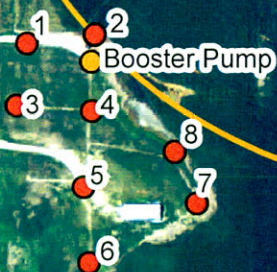
Sec.5
T122N
R73W

Edmunds

Sec.6
T122N
R73W

SW 1/4 NW 1/4
35 Acres

SE 1/4 NW 1/4
35 Acres

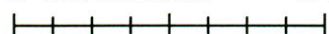


Legend

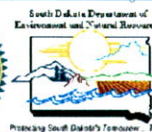
- Booster_Pump_Location
- Well_Locations
- Irrigated_Acres
- Section Boundaries - PLSS



0 0.0425 0.085 0.17 Miles



Prepared by Bracken Capen
Natural Resources Engineer
DENR, Water Rights Program





DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
<http://denr.sd.gov>

JUN 19 2015

6996-3

Maurice Hoffman
Hoffman Farms
13754 323rd Ave
Bowdle SD 57428

Dear Mr. Hoffman:

Enclosed is Water License No. 6996-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field 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. 6996-3, 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,

A handwritten signature in black ink that reads "Jeanne Goodman". The signature is fluid and cursive.

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

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 6996-3**

(1) Maurice Hoffman, Hoffman Farms, 13754 323rd Ave., Bowdle SD 57428 made Application No. 6996-3, February 28, 2008 for a water permit to divert 1.78 cubic feet of water per second from ground water (8 wells, Bowdle Edmunds Aquifer), Edmunds County, South Dakota for irrigation purposes. Permit No. 6996-3, with a priority date of February 28, 2008 was approved June 2, 2008 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before June 2, 2013 and for the application to beneficial use of said water on or before June 2, 2017.

(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 1.67 cubic feet of water per second for beneficial use.

The location of the diversion points are:

- 1) 2,200 feet south and 100 feet east of the NW corner of Section 5, T122N-R73W (SW $\frac{1}{4}$ NW $\frac{1}{4}$)
- 2) 2,200 feet south and 300 feet east of the NW corner of Section 5, T122N-R73W (SW $\frac{1}{4}$ NW $\frac{1}{4}$)
- 3) 2,400 feet south and 100 feet east of the NW corner of Section 5, T122N-R73W (SW $\frac{1}{4}$ NW $\frac{1}{4}$)
- 4) 2,400 feet south and 300 feet east of the NW corner of Section 5, T122N-R73W (SW $\frac{1}{4}$ NW $\frac{1}{4}$)
- 5) 2,600 feet south and 300 feet east of the NW corner of Section 5, T122N-R73W (SW $\frac{1}{4}$ NW $\frac{1}{4}$)
- 6) 2,800 feet south and 350 feet east of the NW corner of Section 5, T122N-R73W (NW $\frac{1}{4}$ SW $\frac{1}{4}$)
- 7) 2,650 feet south and 600 feet east of the NW corner of Section 5, T122N-R73W (NW $\frac{1}{4}$ SW $\frac{1}{4}$)
- 8) 2,500 feet south and 550 feet east of the NW corner of Section 5, T122N-R73W (NW $\frac{1}{4}$ SW $\frac{1}{4}$)

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

Section 5, T122N-R73W	NW $\frac{1}{4}$ NW $\frac{1}{4}$	30 acres
	NE $\frac{1}{4}$ NW $\frac{1}{4}$	30 acres
	SE $\frac{1}{4}$ NW $\frac{1}{4}$	35 acres
	SW $\frac{1}{4}$ NW $\frac{1}{4}$	35 acres
Total		130 acres

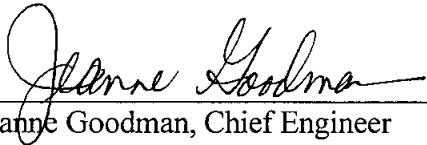
(4) Pursuant to South Dakota Water Law 46-5-30.1 Maurice Hoffman, Hoffman Farms, 13754 323rd Ave., Bowdle SD 5742 the holder and/or owner of Water Right No. 6996-3 is issued a license to appropriate water, the right to use 1.67 cubic feet of water per second from ground water (8 wells, Bowdle Edmunds Aquifer) with a priority date of February 28, 2008 from the location specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 6996-3 and subject to the following qualifications:

- The wells 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.

continued

- The wells authorized by Permit No. 6996-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28. **All eight wells were drilled in 2007 by K & K Drilling.**
- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.



Jeanne Goodman, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUN 19 2015

date

