

WATER PERMIT NO. 6844-3

Name of Applicant: Paul J Mehlhaf

Address: 43304 284 St, Menno SD 57045

Phone: 605 387-5650

Amount of Water Claimed: 2.22 cfs

Total Acres: 160

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation

County: Hutchinson

Type of Waste Disposal System:

Location: ½ mile west of Olivet

PRIORITY Date Received: 3-19-07

Application/License Fee: \$300

Corrected Application Received: 3-26-07

Period of Annual Use: July 1 – Sept 30

Remarks:

Diversion Point: center SE ¼ Sec 4-T97N-R58W

Land to be Irrigated: SE ¼ Sec 4-T97N-R58W

Depth of Well: 240 feet deep

Well Driller: :

Remarks:

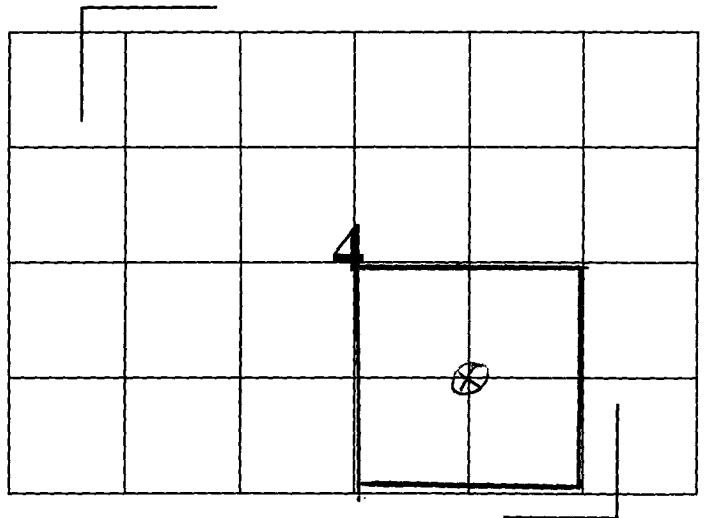
Type of Map: aerial

Prepared by: Daniel C Mehlhaf, NRCS

Reviewed and the Number Assigned on: 3-26-07

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>10844-3</u> (office use only) Hydrologic Unit <u>1016.0011</u>
	Basin <u>James River</u>
	Newspaper <u>Freeman Courier PO Box 950</u>
	<u>605-925-7033</u> <u>57029</u>

RECEIVED
MAR 19 2007
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☒ 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 Paul J. Mehlfaf Phone 605-387-5650
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address 43304 284th St Menno State SD 57045
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 2.22*CFS or 1,000**GPM ***AF Total Acreage 160
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply well
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Hutchinson
SE 1/4 section 4-T-97-N R-58-W (approximate center)
- County or counties where water will be used Hutchinson
- Annual period during which water is to be used July 1 - Sept 30
- 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
SW 1/4 of SE 1/4 sec 4 97-58	34 40		
SE 1/4 of SE 1/4 sec 4 97-58	34 40		
NW 1/4 of SE 1/4 sec 4 97-58	34 40		
NE 1/4 of SE 1/4 sec 4 97-58	34 40		

- Give a description of the project. (Attach sheet if more space is needed)

Well for Irrigation Pivot

STATE OF SOUTH DAKOTA) SS
County of Hutchinson

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, Paul Mehlfaf, 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 Paul J. Mehlfaf

Subscribed and sworn to before me this 13 day of March 20 07

Kenneth O. Berber
Notary Public signature

My Com. Expires: 1-24-13

**SOUTH DAKOTA
WATER PERMIT NO. 6844-3**

Date of first receipt of application March 19, 2007.

Date of return to applicant for corrections, amendments or changes March 20, 2007.

Date of receipt of corrected application March 26, 2007.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6844-3 to Paul J Mehlhaf, 43304 284th St, Menno SD 57045 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. 6844-3 appropriates 2.22 cubic feet of water per second from one well to be completed into the Lower James:Missouri Aquifer (approximately 240 feet deep) located in the approximate center of the SE ¼ Section 4 to irrigate 160 acres located in the SE ¼ Section 4; all in T97N-R58W.
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: July 1 – September 30.
3. The date from which applicant may claim right is March 19, 2007.
4. The date of approval of Permit No. 6844-3 is July 2, 2007.
5. One-fifth of the construction is to be completed on or before January 2, 2010.
6. All construction is to be completed on or before July 2, 2012.
7. Water is to be put to beneficial use on or before July 2, 2016.
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 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.
2. The new well authorized by Permit No. 6844-3 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.

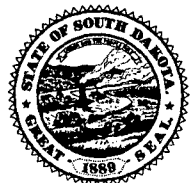
WATER MANAGEMENT BOARD

By: Garland Erbele

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

AUG 03 2007

date



Supplemental Information

(Complete applicable portions only)

(type or print in ink)

Paul Mehlhaf
43304 284th St Menno S.D.

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 16" Depth 240'
- b) Casing Type PVC Diameter 16" Thickness 1"
- c) Screen Type PVC ring constructed Diameter 16" Thickness 1"
- d) Gravel Pack 1 1/2" - 1 3/4" P rock Length of Gravel Pack 65'
- e) Depth to Top of Water Bearing Material 160'
- f) Depth to Water (ground surface to water level) 60'
- g) Distance to nearest existing domestic well:

On applicants property NONEOn property owned by others greater than 3,000 feet**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

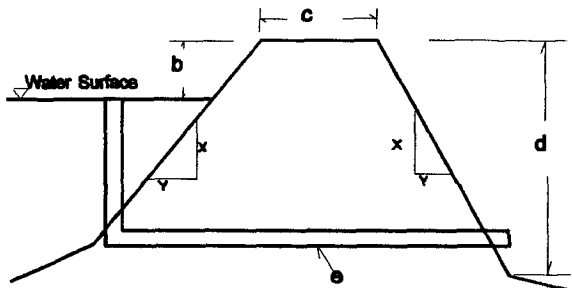
3. Dugout Information

- 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.

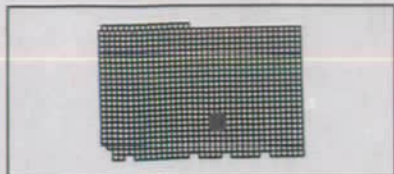
- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:



- 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



USDA U.S. Dept. of Agriculture
Farm Service Agency



South Dakota Hutchinson

4-97N-58W

Daniel C. Mehlhoff USDA
NRC District Conservationist

Legend

- Wetlands
- Tract Boundaries
- Section-Township-Range
- Easements
- CRP
- Common Land Units
- /// Rangeland

USDA FSA maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership, rather it depicts the information provided directly from the producer and/or the 2004 ortho rectified imagery for South Dakota. The producer accepts the data "as is" and assumes all risks associated with its use. The USDA Farm Service Agency assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside of FSA Programs.

May 11, 2006

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 3/20, 20 07

RECEIVED OF PAUL J MELNAF 43304 284TH ST MENNO SD 57045

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

Fee for Application for Permit No. <u>6744-3</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>6744-3</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.

03001

By

Donald Erbure

Chief Engineer



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

March 20, 2007

Paul J Mehlhaf
43304 284th St
Menno SD 57045

Dear Mr. Mehlhaf:

Thank you for submitting the *Application for a Permit to Appropriate Water* for irrigation. In order to complete the application the following is required.

- Enclosed is the Form 2A, Supplemental Information. Please complete Item No. 1 regarding the Well Information – Proposed Construction. Dick Hammond will be able to help you with this. When available, please submit a well log or test hole log signed by a licensed South Dakota well driller.
- Also enclosed is the aerial photo map. On the map, please mark the proposed well location with an "X".

If you have any questions, please contact me.

Sincerely,

Karen Schlaak

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

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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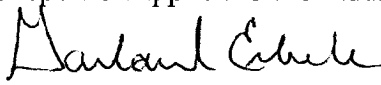
**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6844-3, Paul J Mehlhaf**

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. 6844-3, Paul J Mehlhaf, 43304 284th Street, Menno SD 57045.

The Chief Engineer is recommending APPROVAL of Application No. 6844-3 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 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.
2. The new well authorized by Permit No. 6844-3 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

REPORT ON WATER PERMIT APPLICATION NO. 6844-3
For Paul J Mehlhaf
May 22, 2007

Application No. 6844-3 proposes to appropriate 2.22 cfs from one well approximately 240 feet deep located in the approximate center of the SE ¼ of section 4 to irrigate 160 acres located in the SE ¼ of section 4; all in T97N R58W in Hutchinson County.

AQUIFER – LOWER JAMES MISSOURI (LJM)

The Lower James Missouri aquifer is a buried outwash (sand and gravel) that is under water table conditions in this area. The aquifer underlies 268 square miles and contains an estimated 2.367 million acre-feet of water in storage in Hutchinson County (Lindgren, 1990). The aquifer extends into Hanson County to the north, Yankton County to the south, blends into the Choteau aquifer to the west and may be hydraulically connected in the subsurface to the Niobrara formation over some of this area especially on the west side of the James River. Also, there is the likelihood that there is hydraulic connection to the James River at least over some of the county.

No test well was drilled for this application. The aquifer is mapped as lying under this site. The existing data from domestic well logs, one other irrigation well in the area and an observation well all indicate there is good potential for irrigation at this site. However, until test drilling is completed this can not be evaluated further. The saturated thickness of the aquifer needs to be determined and some initial test pumping needs to be completed for this application.

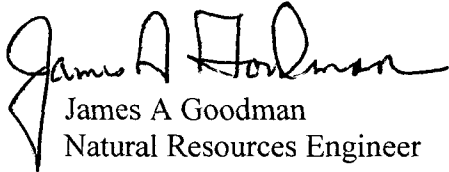
The Water Rights Program does monitor an observation well HT-83D located about one mile northwest of this proposed well. Water levels for this well show response to climatic conditions that is rising water levels during wet periods (recharge) and gradually declining water levels during dry years. This particular well also responds to pumping. There is an existing irrigation well located within a few feet of this observation well and typically there can be 5 to 11 feet of measurable drawdown at this site (Water Rights, 2007). A hydrograph for this observation well is included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There is an existing Water Right No. 4998-3 (1.74 cfs, irrigation of 122 acres) located about one mile northwest of this application. This proposed well and the existing well under Water Right No. 4998-3 would be about 6,900 feet apart. At this distance between wells interference should not be a concern. Drawdown created by pumping should not be significant at this distance. The well authorized by Water Right 4998-3 reportedly was capable of producing 1,200 gpm with 10 feet of drawdown for a specific capacity of 120 gpm/ft of drawdown. The Lower James Missouri aquifer is a very prolific aquifer system in Hutchinson and Yankton Counties.

CONCLUSIONS

1. Water is available from the Lower James Missouri aquifer.
2. The aquifer is under water table conditions in this area. Drawdown created by pumping is not expected to be significant. This is shown by the observation well hydrograph. Interference is not a concern.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.



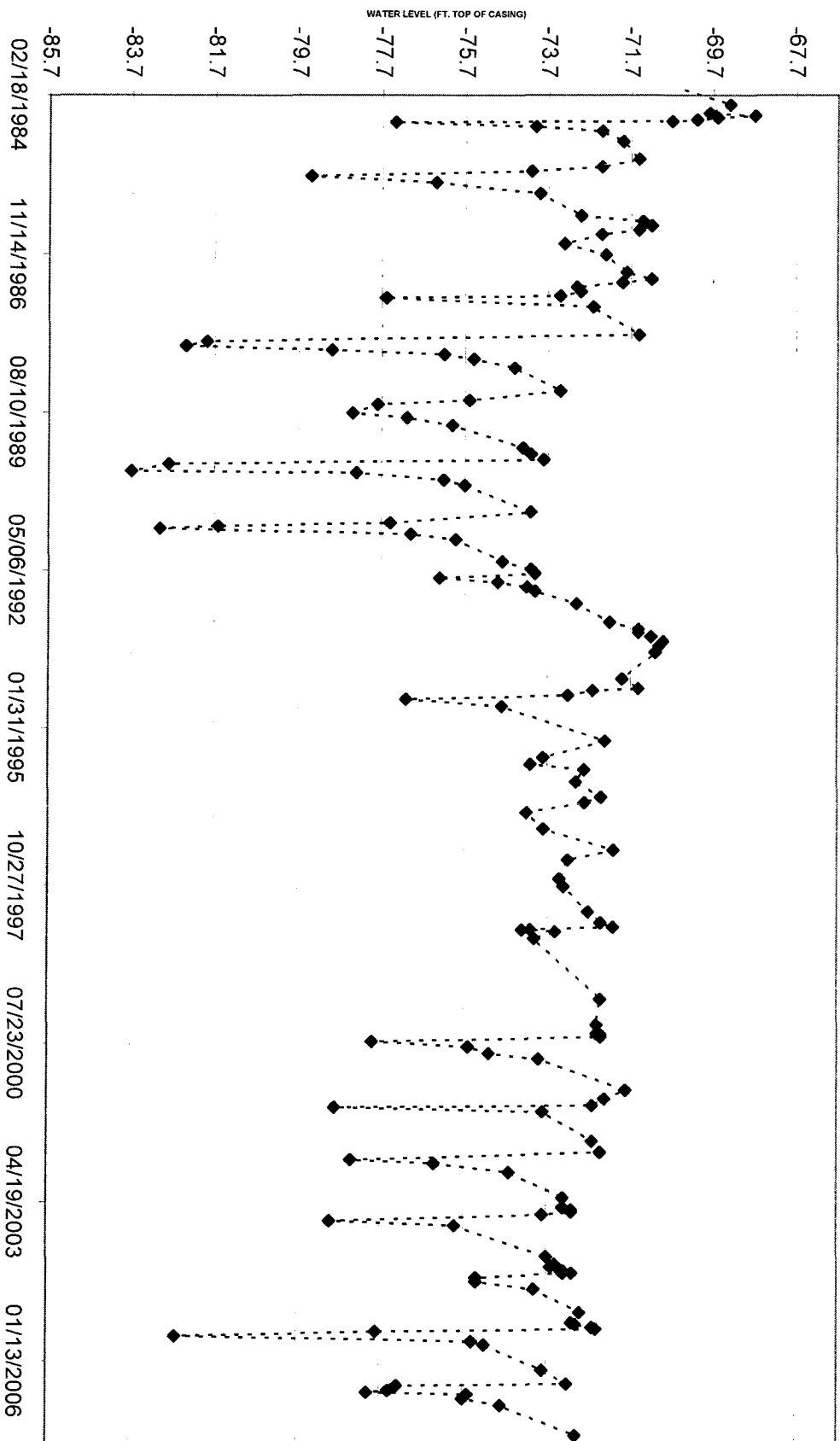
James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

Lindgren, R.J., D.S. Hansen, 1990, Water Resources of Hutchinson and Turner Counties, Water-Resources Investigations Report 90-4093, USGS, Huron, SD, 57350.

Water Rights, 2007, Unpublished Observation Well Data for Hutchinson County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS' OBSERVATION WELL HT-83D



AFFIDAVIT OF PUBLICATION

RECEIVED

JUN 22 2007

WATER RIGHTS
PROGRAM

County of Hutchinson)
) ss.
State of South Dakota)

Tim L. Waltner, of said county and state, being duly sworn, on his oath, deposes and says: That the Freeman Courier is a weekly newspaper of general circulation and a legal newspaper as required by law, printed and published in the town of Freeman in said county and state by Tim L. Waltner, and has been such newspaper during the time hereinafter mentioned: That I, Tim L. Waltner, the undersigned, am publisher of said newspaper in charge of the advertising department thereof, and have personal knowledge of all the facts stated in this affidavit, and that the advertisement headed **Appropriate Water**

a printed copy of which is hereto attached, was printed and published in the said newspaper for two successive issues to-wit:

The first publication on:
June 13, 2007

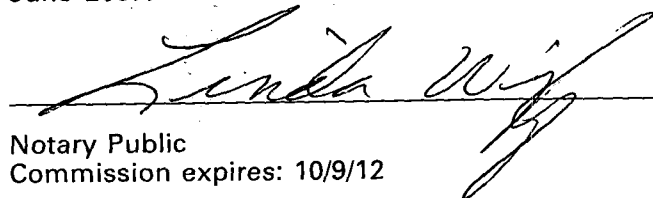
the second publication on:
June 20, 2007

and the third publication on:

That the full amount of the fees charged for publishing the same to-wit: The sum of \$39.64 insures solely to the benefit of the publisher of the Freeman Courier, that no agreement or understanding for any division thereof has been made with any other person whomsoever, and the amount of \$39.64 is the rate for publishing legal notices.



Subscribed and sworn to before me this 30th day of June 2007.



Notary Public
Commission expires: 10/9/12

Publication fee: \$39.64
Notary fee:
Total: \$39.64

Notice of Application No. 6844-3 to Appropriate Water

Notice is given that Paul J. Mehlhaf, 43304 284th St., Menno SD 57045 has filed an application for a water permit to appropriate 2.22 cubic feet of water per second from one well to be completed into the Lower James:Missouri Aquifer (approximately 240 feet deep) located in the approximate center of the SE 1/4 Section 4 to irrigate 160 acres located in the SE 1/4, Section 4; all in T97N-R58W.

Pursuit to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6844-3 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 application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or 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 recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre, SD 57501 (605)773-3352) and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by July 2, 2007.

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



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

June 4, 2007

Freeman Courier
PO Box 950
Freeman SD 57029

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 6844-3 to Appropriate Water to be published twice. Please publish the first notice on June 13, 2007 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 Paul J Mehlhaf, 43304 284th St, Menno SD 57045(Ph # 605-387-5650).

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-----

No. 6844-3

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

Date _____

We are in receipt of your letter of June 4, 2007 enclosing Notice to Appropriate Water by Application No. 6844-3 which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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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.

June 4, 2007

Paul J Mehlhaf
43304 284th St
Menno SD 57045

Dear Mr. Mehlhaf:

Water Permit Application No. 6844-3 for irrigation use has 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 Freeman Courier printed at Freeman SD (Ph # 605-925-7033). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and report on the application is 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 applications.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

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

Instruction to Newspaper - Publish first Notice on June 13, 2007 with the second publication 7 days later. The applicant is responsible for payment.

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**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

AUG 03 2007

Paul J Mehlhaf
43304 284th St
Menno SD 57045

Dear Mr. Mehlhaf:

Enclosed is Water Permit No. 6844-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

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

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

Sincerely,

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

enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

6844-3

07-92

Location SE 1/4 SE 1/4 Sec 4 Twp 97N Rg 58W
 County Hutchinson

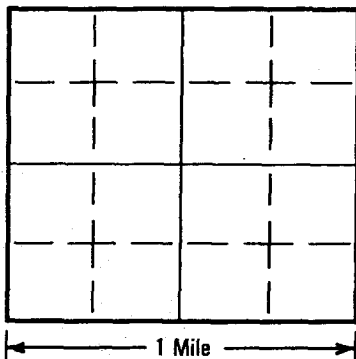
Please mark well location with an "X"

W

E

Well Completion Date

5-20-08



LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 6000 ft. from small feedlot (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

Reverse Rotary

CASING DATA:

- ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT 1100 LB/FT DIAMETER 16 IN FROM 0 FT TO 55 FT HOLE DIAMETER 28 IN
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN

GROUTING DATA

Grout Type Cement No. of Sacks 50 Grout Weight _____ lb./gal From 0 ft To 70 ft
 _____ lb./gal _____ ft _____ ft

Describe grouting procedure pumped cement grout down tremie line

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 16 IN Length 100 FEET

Material APC
 Slot Size .085 Set From 55 Feet to 115 Feet

Other information _____

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

☒ YES, How: chlorine

 Laboratory sent to for water quality analysis _____ NO, Why Not? _____

Well Owner: Paul Mehlfaf

Business Name: _____

Address: 43304 284 St
Menno, ND 58045

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>top of yellow clay</u>	<u>0</u>	<u>15</u>
<u>blue clay w/ ROCKS</u>	<u>15</u>	<u>50</u>
<u>blue clay + gravel</u>	<u>50</u>	<u>72</u>
<u>med sand + gravel</u>	<u>72</u>	<u>100</u>
<u>med gravel + ROCKS</u>	<u>100</u>	<u>115</u>

STATIC WATER LEVEL

81'

Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped

Describe: pumped w/ turbine pump 1 1/2" auger

☐ Bailed

☐ Other

Pumping Level Below Land Surface

97 ft. After 2 Hrs. pumped 700 GPM
97 ft. After 4 Hrs. pumped 700 GPM

If pump installed, pump rate _____ GPM

REMARKS

RECEIVED

AUG - 7 2008

WATER RIGHTS PROGRAM

This well was drilled under license # 444

And this report is true and accurate.

Drilling firm Christensen Well & Drilling

Signature of License Representative Col. W. Christensen

Signature of Well Owner or Equitable Property Holder: _____

Date: _____

6844-3

RECEIVED

AUG 23 2008

WATER RIGHTS
PROGRAMNOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USEDate 8-24-2008TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181FROM: Paul J. Mehlfaf
(name)
43304 284th ST
(address)
Menno SD 57045 605-387-5650
(city, state, zip) (phone)

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

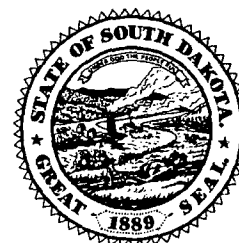
Water Permit No. 6844-3 states that the water use system is to be constructed by 7-2-2012, and water is to be put to beneficial use by 7-2-2016.
(date) (date)

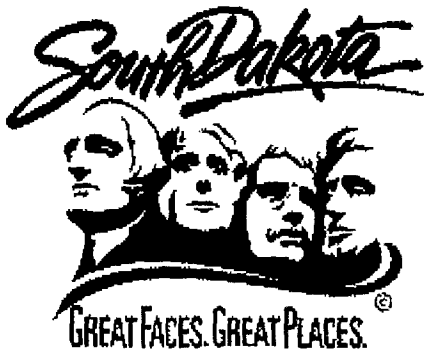
The water use system was completed on 5-20-2008.
(date)

Applying the water to beneficial use was completed on 7-16-2008.
(date)

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

Paul J. Mehlfaf
(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

August 26, 2008

6844-3

Paul J Mehlhaf
43304 284th St
Menno SD 57045

Dear Mr. Mehlhaf:

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

The system is 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 project and the staff inspection has no bearing on your water permit.

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,

A handwritten signature in cursive script that reads "Genny McMath".

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