

Water Right Number 3296-3

1. Considered 2-23, 1977
2. Name of Applicant MATTHEW SIERRA:IDS
3. Post Office Address WILLOW LAKE
4. Amount of Water claimed 2.2
5. Source of Water supply 2-26' WELLS
6. Water to be used for IRRIGATION

Acres to be irrigated 156

7. Water to be diverted and used in CLARK County
about 55 miles of WILLOW LAKE

8. Proof of Publication Received 2-16-77
Not Received _____
9. Application Approved _____
Subject to _____
Not Approved _____
Action Deferred _____

Wells Defered.

10. Remarks:

Filed up

Water Right No. 3296-3

1. Considered 2-23 19 77
2. Name of Applicant Matthew Siebrands
3. Post Office Address Willow Lake, S.D.
4. Amount of Water Claimed 2.2
5. Source of Water Supply 2-26' wells
6. Water to be used for Irrigation
7. Acres to be irrigated 156 maximum acre feet
8. Water to be diverted and used in Clark County
about 5 miles South of Willow Lake
9. PROOF OF PUBLICATION Received 2-16-77

Not Received _____

APPLICATION Approved _____

Subject to _____

Not Approved _____

Action deferred 2-23-77 2 wells (approved the land)

Priority Date
Received 11-29-76 Application Complete yes X no _____ FEE 8⁰⁰

11-29-76

Remarks _____

Date information and/or
fee or corrected Application received _____
Period of Annual use _____

WATER
QUALITY

Received (yes) 12/1/76 no _____ APPROVED / CONDITIONAL (Circle one)

W-1 Description same as application (yes) no _____ Remarks _____

Disapproved _____

Returned _____

Diversion Point _____

SW⁴ NE⁴ 26-113-57

			23		
			24		

Lands to be irrigated _____

SE⁴ 23-113-57

WELL
LOG

Remarks Log of wells filed in #2562-3
file has 2A

Driller Empire Dr. Licensed (yes) no _____

Depth 2-26' wells

MAP Map No. 2583-3 Map located in Water Right X Map file _____
Type of Map Drawn Prepared by Wickman

REVIEWED This Application was reviewed within 30 days of date received, accepted as complete, Number assigned and written up for advertisement before the Board on 2-23-77
Burton Jones
(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
DECISIONS was adopted _____
ETC. Remarks _____

Map No. 2583-3 Water Division No. 3 JAMES RIVER District
(Blank to be Filled by the Engineer for the W. H. C.)



APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE - Draw a line through items not applicable)

1. Name of Applicant Matthew Siebrands
Postoffice address Willow Lake, S. Dak. State 57278
If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract Direct Labor
3. Name of diversion work Matthew Siebrands Irrigation Project # 5
4. Amount of water claimed (cubic feet per second) 2.2
5. Source of water supply Well
6. Location of point of diversion Same as permit #2562-3
Well #1 - 3210' N 149° W, Well #2 - 3210' N 149° W
of NE 1/4 Sec 26 - 113 - 57 County Clerk
7. Annual period or periods during which water is to be used April through October
8. Use to be made of water. (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation
9. For irrigation use, Total number of acres to be irrigated 156

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.
NE 1/4 Sec 23-113-57	40		
NE 1/4	39		
SW 1/4	39		
SE 1/4	38		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system Five years. Additional time required to complete application of water to the proposed beneficial use Five years.
11. Choice of newspaper for Notice of Intent to Appropriately Water publication Waterston Public Opinion
12. Principal Features of the Proposed Water Supply System.
- A. Works proposed to divert water from its natural source. Same wells as used for permit #2562-3
- B. Works proposed to transport water to place of use. old cond.
- C. Works proposed to apply water to beneficial use. center pivot will be used

Estimated Total Cost \$30,000

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

County Butte

I, Matthew Siebrands, 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 Matthew SiebrandsSubscribed and sworn to before me this 13 day of May, 1976

John Siebrands
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 3296-3

MATTHEW SIEBRANDS
(Applicant)

WILLDIAL LAKE
(Post Office Address)

SOUTH DAKOTA 5727A
(State)

With the following modifications:

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

Date of first receipt of application NOVEMBER 29, 1976
Date of return to applicant for correction, amendments or changes required _____, 19____
Date of receipt of corrected application DECEMBER 1, 1976
Approved FEBRUARY 23, 1977, Recorded in Book 21 Page 320

WATER RIGHT PERMIT NO. 3296-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 3296-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is NOVEMBER 29, 1976
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before AUGUST 23, 1979
3. The whole of said work is to be completed on or before FEBRUARY 23, 1982
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is FEBRUARY 23, 1985
5. The water appropriated shall be used for the purpose of IRRIGATION
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 the appropriation.
7. The amount of the appropriation herein granted shall not exceed 2.2 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 the irrigation purposes said appropriation must be limited to not more than 3 acre feet 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 23, 1985; said water to be used during the following described annual period: MAY THRU OCTOBER

Witness my hand this 19TH day of JANUARY, 1981

WATER RIGHTS COMMISSION

By:

John H. H. H.
Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

Form 2A - Wells, Dugouts or Water Storage Dams (Supplement to form 2)

12. Principal Features of the Proposed Water Supply System (continued)

D. Well Information or Estimates

(1) Drill Hole, Diameter 11 5/8", Depth 26'

(2) Casing, Type Steel, Diameter 1 1/2", Thickness 3/16"
(wood, concrete, steel, etc)

(3) Perforated Screen.

Type Perforated slot, Diameter 1 1/8", Length 6'

(4) Gravel Pack, Thickness 5", Length of gravel pack 15'

E. Dugout Information or Estimates.

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

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

(1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials See test log

11/25/55

Depth to top of water bearing material 3'

Depth to bottom of water bearing material 26'

Thickness of water bearing material 23'

Depth to water (ground surface to water level) 3'

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

On same owner's property N/A yds. On property owned by others 180 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, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

Two identical wells

Signature of Applicant

Form 2A - Wells, Dugouts or Water Storage Dams (Supplement to form 2)

12. Principal Features of the Proposed Water Supply System (continued.)

D. Well Information or Estimates

- (1) Drill Hole, Diameter _____, Depth _____
- (2) Casing, Type _____ Diameter _____ Thickness _____
(wood, concrete, steel, etc)
- (3) Perforated Screen.
Type _____, Diameter _____, Length _____
- (4) Gravel Pack, Thickness _____, Length of gravel pack _____

E. Dugout Information or Estimates.

- (1) Surface dimensions _____, Depth _____

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

- (1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials _____

Depth to top of water bearing material _____

Depth to bottom of water bearing material _____

Thickness of water bearing material _____

Depth to water (ground surface to water level) _____

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

On same owner's property _____ rds. On property owned by others _____ 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, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

Note: Did not make this out because same as permit # _____ which is on file at Dept. of Natural Resources Development

Mr. Matthew Seabrook
Signature of Applicant

SERVATION
COMMISSION
FORM W1 #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION ONLY)



NAME Matthew Siebrands

ADDRESS Willow Lake, S. Dak.

57278

COUNTY Clark

LEGAL DESCRIPTION

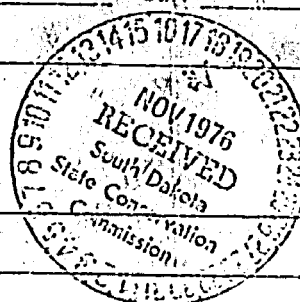
1. WELL LOCATION #2- 162 rods W & 162 rods S. of NE corner Sec-26, twp-113, Range-57
#1- 130 rods W & 160 rods S of NE corner-Sec-26, twp-113-57-Range-Collins
2. LOCATION OF AREA TO BE IRRIGATED SE1-23, Twp-113, Range 57 in Clark County

TYPE OF IRRIGATION

3. GRAVITY TOWLINE CENTER PIVOT X GUN
4. CROPS TO BE IRRIGATED Corn, wheat

WATER QUALITY

5. SAMPLE NUMBER 76-064
6. SALINITY (EC X 10⁶) 49.5 (medium)
7. SODIUM (SAR) 0.19 (low)
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0



I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and; the soils information has been acquired from Clark Conservation District, County Extension office or Soil Conservation Service. and; that the legal description for the location of the well and land to be irrigated is true and correct.

Matthew Siebrands
APPLICANT'S SIGNATURE

Approval does not imply that this project can be carried out successfully in all circumstances. Individual management will, to a large degree, determine the relative success of the project.

Albert J. H. H. H.
APPROVED/DISAPPROVED

SUBSCRIBED AND SWORN BEFORE ME THIS
18 DAY OF Nov 1976.

John S. Williams
(TITLE OR SEAL)

(SOILS INFORMATION ON REVERSE SIDE)

REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57006

2-6-76

Submitted by: Matthew Siobran
 Address: Willow Lake, SD 57278

Date Rec'd: February 3, 1976
 Sample No.: 76-064
 Identification: F011-24°
Net. Sec. 26, T 113N, R 57W

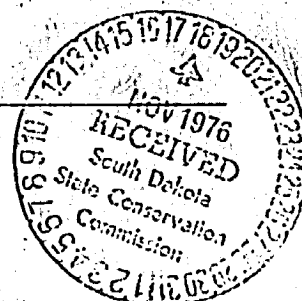
WATER ANALYSIS

Calcium (Ca)	72	ppm	3.60	me/l**
Magnesium (Mg)	26	ppm	2.13	me/l
Sodium (Na)	0	ppm	0.33	me/l
Potassium (K)	8	ppm	0.20	me/l
Sulfate (SO ₄)	40	ppm	0.03	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	5	ppm	0.14	me/l
Bicarbonate (HCO ₃)	281	ppm	4.60	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	230	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	495	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.19			
Sodium	5.27	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.10			

*ppm=parts per million
 **me/l=millequivalents per liter

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

COMMENTS: Total cations 6.26 me/l
Total anions 5.57 me/l



By: Shirley Mattan

Service Performed	Amount Due
Irrigation Analysis	\$8.00 PAID

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-064

Amount Received \$.....

Signed.....

November 16, 1976



Mr. Matthew Siebrands
Willow Lake, SD 57278

Dear Mr. Siebrands:

Your water sample (Lab. No. 76-064) has been analyzed and the results are reported on the accompanying sheet, which is your copy to keep.

I am also enclosing a copy of AES pamphlet #13 for your use. The quality of your water for irrigation use is plotted approximately by means of the red cross in the chart on the outside back cover.

Your water, as indicated by this analysis, is satisfactory for use on the soils you indicate will be irrigated. If a salt problem or a water table problem should develop, contact extension personnel for assistance.

The WI-1, soils information, and a copy of the water analysis are being forwarded to the State Conservation Commission for their action.

Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

LOF:ckb
Enclosures
cc: State Conservation Commission

P.S. You earlier received AES #13 and the original report of analysis.

The Tetonka and Parnell soils in depressions will give you severe problems of equipment traffic, crops drowning and salinity. They should be drained or filled.

Form 6 - Notice of Intent to Appropriate Water

No. 3206-3

Publish first publication, on or before February 10, 19 77

**NOTICE
INTENT TO APPROPRIATE WATER**

Pierre, South Dakota 57501

February 3, 19 77

Notice is hereby given that Matthew Siebrands
whose post office address is Willow Lake, South Dakota, has made an application in accordance
with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use
2.2 cubic feet of water per second of time from the ground water through the
Matthew Siebrands
Irrigation Project, the point of diversion of which is to be located in the _____

SW 1/4 NE 1/4
of Section 26, Twp. 113N, Range 57W. Said water to be used for the purpose
of providing irrigation on the following described land:

SE 1/4, Section 23, T113N, R57W

This application No. 3206-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 23rd day of February, 19 77, at 10:00 A.M. All interested
persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw

cc: Matthew Siebrands, Willow Lake, SD 57270

Form 8 - Proof of Publication - Notice of
Intent to Appropriate Water

No. 3296-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss.
County Codington)

I, John R. Lowrie hereby

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

Water was taken from the Watertown Public Opinion

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 Watertown

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

Feb. 7th, 1977

Feb. 14th, 1977

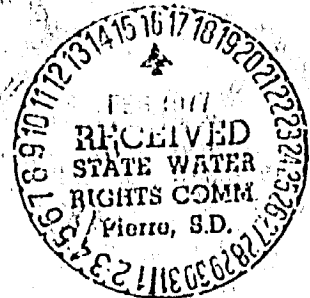
(Signature)

General Manager
(Title)

Feb. 14th, 1977

(Date Signed)

PUBLIC NOTICE
NOTICE NO. 3296-3
NOTICE INTENT TO
APPROPRIATE WATER
February 5, 1977
Matthew Slebrands, by agent, the
office address is Willow Lake, South
Dakota, has made an application in
accordance with the provisions of
the water laws of South Dakota for a
permit to appropriate for beneficial
use 2.2 cubic feet of water per second
of time from ground water through
the Matthew Slebrands Irrigation
Project No. 3, the point of diversion
of which is to be located in the SW 1/4
NE 1/4 Section 26, Twp. 2113 N.,
Range 57W. Said water to be used for
the purpose of providing irrigation
on portions of the following
described land: Section 26, Twp. 2113 N.,
SE 1/4, Section 23, T113N, R57W, S23.
This application No. 3296-3 will be
considered by the Water Rights
Commission at their office at Pierre
upon the 23rd day of February, 1977,
at 10:00 A.M. All interested persons
may appear and be heard.
WATER RIGHTS
COMMISSION
By: BURTON F. JONES
Water Rights Specialist
(February 7, 1977)



3296-3

June 6, 1977

Matthew Siebrands
Willow Lake
South Dakota 57278

Dear Mr. Siebrands:

The Water Rights Commission, February 23, 1977, authorized irrigation of land in the SE $\frac{1}{4}$, Section 23, T113N, R57W requested by Application No. 3296-3 from existing irrigation wells, but deferred the two 26 foot deep wells requested until more information on water availability is known. A

At such time that the wells are approved, the permit will be issued. Until such time, you may use this letter as your authorization to irrigate the land described above.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Commission

JH/bw

August 26, 1976

Re: 2562-3

Matthew Siebrands
RR
Willow Lake SD

Dear Mr. Siebrands:

This will confirm the telephone conversation with Mrs. Siebrands August 26, 1976 and the order to stop pumping from your irrigation well authorized by Water Right Permit No. 2562-3 at 6:00 p.m. August 26, 1976 until further notice from this office. Investigation by Mr. James Goodman of this office August 25, 1976 indicated that your irrigation well affects a nearby domestic well.

You may wish to make some arrangements with Mr. Borg concerning his domestic water supply.

Very truly yours,

John E. Eatch, Chief Engineer
WATER RIGHTS COMMISSION

kjw

3296-3

SOUTH DAKOTA
Department of
Water & Natural Resources

Joe Foss Building
Pierre, South Dakota 57501

Water Rights, Water Management Division
(605) 773-3352

April 3, 1980

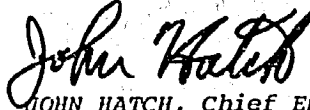
WATER MANAGEMENT BOARD

Deferred Application No. 3296-3, Matthew Siebrands, Willow Lake was brought before the Board, March 26 when Clark County Applications were considered by the Board. This application should not have been considered and I apologize for this error on our part.

The report by Jeanne Christensen did not include Application No. 3296-3 consequently, no evidence in support of the application was presented. The application is in an area where we have had controversy and all parties were not noticed.

I am requesting that the Board rescind action taken March 26, 1980 to approve Application No. 3296-3 at the April 10 - 11, 1980 meeting. Mr. Siebrands was not present at the Board Meeting. In the future, to avoid this type of error, we expect to list the names and application numbers on the agenda and notice of hearing.

Very truly yours,



JOHN HATCH, Chief Engineer
Water Rights, WMD

JH:kw

Equal Opportunity Employer

3296-3

**Department of
Water & Natural Resources**

Joe Foss Building
Pierre, South Dakota 57501

Water Rights, Water Management Division

(605) 773-3352

March 12, 1980

TO: Persons Interested in Deferred Applications in Clark County
FROM: John Hatch, Chief Engineer, Water Rights
SUBJECT: Reconsideration of Deferred Applications

The Water Management Board will reconsider deferred water right applications in Clark County at 2:00 p.m. on March 26, 1980 at the SDWA Auditorium, 411 East Capitol, Pierre SD.

This reconsideration hearing will be conducted in accordance with the provisions of SDCL 46-1-1 thru 46-1-9; 46-1-14; 46-2-9 thru 46-2-11; 46-2-13; 46-5-1 thru 46-5-8; 46-5-10 thru 46-5-22; 46-5-41; 46-6-3; 46-6-5; 46-6-6.1; 46-6-10; 46-6-11; 46-6-14 and Board Rules ARSD 52:01:01:01 thru 52:01:01:13.

These applications were previously deferred by the Water Rights Commission, pending staff investigation.

This hearing is an adversary proceeding. Any person 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 at the hearing. Decisions of the Board may be appealed to the Courts as provided by law.

Very truly yours,

John Hatch
JOHN HATCH, Chief Engineer
Water Rights, WMD

JH:jw

Equal Opportunity Employer

No. 3296-3

SOUTH DAKOTA Department of
Water & Natural Resources

Joe Foss Building Water Rights Division
Pierre, South Dakota 57501

(605) 773-3352

January 19, 1981

Matthew Siebrands
Willow Lake, SD 57278

Dear Mr. Siebrands:

Enclosed herewith is your Water Right Permit No. 3296-3 as approved by the Water Management Board authorizing you to construct your water diversion system and apply the water to beneficial use, not exceeding the limits as specified in said Water Right Permit No. 3296-3.

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 Water Management Board when you have completed the system and/or have put the water to beneficial use. The Board can then schedule an inspection so that your Certificate of Construction and/or 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:9Y

enclosure

NOTE: At the February 23, 1977 Meeting, the Commission approved Irrigation of the SE $\frac{1}{4}$, Section 23, T113N, R57W from two wells approved under Permit No. 2562-3. The permit was not issued previously because of an error in the office which assumed that additional wells were to be drilled.

WNR-809-7/79

Forwarding Permit to Appropriate Water

Permit No. 3296-3
BIG SIOUX
 Water Division 3 JAMES RIVER Water District
10170201

REPORT OF EXAMINATION OF WORKS
 AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: WATER RIGHTS, WATER MANAGEMENT BOARD / FOSS BLDG., PIERRE, SOUTH DAKOTA 57501

I have this day made a thorough examination of the water use system constructed by MATTHEW
SIEBRANDS of WILLOW LAKE holder.
NE⁴ SECTION 26 FEBRUARY 12, 1976
 of Permit No. 3296-3 bearing date of priority of SE⁴ SECTION 23 NOVEMBER 29, 1976
 authorizing the diversion of 4.40 cu. ft. per second of the waters of GROUNDWATER
 for IRRIGATION purposes, in CLARK County.

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

The Water Use System consists of,

- A. Works used to divert the water:
WELL #1 - 35' DEEP WITH 16" STEEL CASING - 15' SS SCREEN
FAIRBANKS MORSE 6" PUMP, POWERED BY 40HP US ELECTRIC
MOTOR @ 1800 RPM.
WELL #2 - 40' DEEP WITH 16" STEEL CASING - 15' SS SCREEN
WESTERN LAND ROLLER 6" PUMP - 4.10 HP, POWERED BY 40 HP
US ELECTRIC MOTOR @ 1765 RPM
- B. Works used to transport water to place of use,
400' OF 6" BURIED PVC FROM TWO WELLS TO Y JUNCTION
1300' OF 8" BURIED PVC FROM JUNCTION TO CENTER OF PIVOT
IN THE NE⁴ SECTION 26
2683' OF 8" BURIED PVC FROM CENTER OF PIVOT IN NE⁴ SECTION 26
TO CENTER OF PIVOT IN SE⁴ SECTION 23
- C. Works used to apply water to beneficial use.
2 - 10 TOWER OLSON CENTER PIVOT SYSTEMS, BOTH
WITH NELSON #100 END GUNS. PUMPED ALTERNATELY

The system is in the following condition: GOOD

The point of diversion is located WELL #1 - 1980' W & 50' N; WELL #2 - 1700' W &
20' N, BOTH FROM THE E¹/₄ CORNER, SECTION 26, T113N, R57W

The works are capable of diverting and conveying to the place of use 1.55 (700 GPM)
 cu. ft. per second of water which is to be used for IRRIGATION

Water has been put to beneficial use to the maximum extent as follows:

FOR IRRIGATING A 132 ACRE CIRCLE IN THE NE⁴
SECTION 26, AND A 132 ACRE CIRCLE IN THE SE⁴
SECTION 23, T113N, R57W

comprising a total of 264 acres of land.

* APPLICABLE PORTIONS OF PERMIT NO 2567-3 HAVE
 BEEN INCORPORATED INTO THIS WATER LICENSE.

Date SEPTEMBER 23, 1982

Burton Jones
 (Signature)

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 3296-3

(1) WHEREAS, On the 29th day of November A.D. 19 76

Matthew Siebrands, RR #1, Box 52, Willow Lake SD 57278

made Water Right Application No. 3296-3 for a permit to use 2.20 cubic feet per second of the waters of groundwater (two wells)

County of Clark, State of South Dakota, for irrigation

purposes; and
(2) WHEREAS, On the 23rd day of February A.D. 19 77

Permit No. 3296-3, with a date of priority of November 29, 1976

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water supply system therein described on or before the 23rd day of February A.D. 19 82 and for the application to beneficial use of said water on or before the 23rd day of February A.D. 19 85

WHEREAS, upon inspection the applicable portions of Permit No. 2562-3 have been incorporated into this Water License No. 3296-3.

*Priority dates are 0.78 cfs from February 12, 1976 and 0.77 cfs from November 29, 1976.

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota relating to completion of the construction of the water supply system and is entitled to divert 1.55* cubic feet per second of water for beneficial use and.

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota relating to the application of water to beneficial use of the following extent,

to irrigate by center pivot the following acreages all in T113N, R57W

Section 23 SE $\frac{1}{4}$ 132 acres D

Section 26 NE $\frac{1}{4}$ 132 acres A

TOTAL 264 acres

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to Matthew Siebrands

_____ of Willow Lake, South Dakota

the holder _____ and owner _____ of said permit No. 3296-3 a water right, dating from February 12, 1976 & November 29, 1976 to use of 1.55 cubic feet per second of the waters of groundwater (one well)

in the County of Clark and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbefore mentioned, to be diverted at from Well #1 - 1980 feet west and 50 feet north;

Well #2 - 1700 feet west and 20 feet north, both from E $\frac{1}{4}$ corner Section 26, T113N, R57W (AC)

and conducted to and upon portions of land in Section 23, and 26, T113N, R57W,
more fully described on the face of this license

for the purpose of Irrigation

Subject to any limitations listed in Water Right Permit No. 3296-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 28th day of October A. D.
Nineteen Hundred and Eighty-two

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer
JOHN HATCH

No. 3296-3

 **Department of
Water & Natural Resources**

Joe Foss Building Water Rights Division

Pierre, South Dakota 57501

November 1, 1982

(605) 773-3352

Matthew Siebrands
RR #1, Box 52
Willow Lake SD 57278

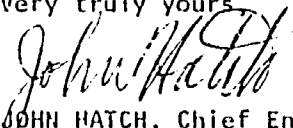
Dear Mr. Siebrands:

Enclosed herewith are, Water License No. 3296-3 and Certificate of Construction.

Water License No. 3296-3 is the final water right document completing your process of obtaining a water right.

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.

Very truly yours,


JOHN HATCH, Chief Engineer
Water Rights Division

JH: ks

enclosures

NOTE: Applicable portions of Permit No. 2562-3 have been incorporated into this Water License No. 3296-3

WNR-817-7/79

Transmittal of Water License

Permit No. 3296-3

Water Diversion No. 3 Big Sioux River Water District
10170201

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Matthew Siebrands

_____ the holder _____ of
Permit No. 3296-3, issued upon Application No. 3296-3, bearing date of priority of February 12, 1976
on November 29, 1976* authorizing the diversion of 4.40* cu. ft. per second of the waters of _____
groundwater (two wells) County of Clark, State of South Dakota at _____
Well #1 - 1980 feet west and 50 feet north; Well #2 - 1700 feet west and
20 feet north, both from E½ corner, Section 26, T113N, R57W
_____, for Irrigation

_____ purposes, has _____ complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use 1.55 ^(700 gpm) cu. ft. per second of water.

Date October 28, 1982

*Applicable portions of Permit
No. 2562-3 have been incorporated
Into this Water License No. 3296-3

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Division

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 8991

PIERRE, October 21, 1992

RECEIVED OF Matthew Siebrandt, RR#1, Box 52, Willow Lake, SD 57276
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to Appropriate Water No. _____ (examination, processing, recording and filing) _____		
Fee for inspecting Construction, and Issuing Cert. of Construction No. <u>3226-2</u>	50	00
Fee for inspecting Beneficial Use, and Issuing Water License No. <u>3206-2</u>		
Fee for Issuing Location Certificate-Dry Draw, No. _____		
Fee for filing _____		
Fee for certified copy of _____		
Fee for Print copy of map _____		
Fee for Certifying _____		
Fee for _____ (any other work as provided by law)		
TOTAL	50	00

WATER RIGHTS COMMISSION

By (J. L. Haverly)
Chief Engineer, Executive Officer
JOHN HAVERTY/MS



3296-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 14, 2004

NOTICE

TO: MATTHEW SIEBRANDS, 44187 US HWY 212, HENRY, SD 57243

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2003 Irrigation Questionnaire(s)

Our records indicate that the 2003 Irrigation Questionnaire has not been submitted for Permit No(s) 3296-3 & 4331-3. The request for the Questionnaire was dated October 17, 2003. The Water Management Board has directed that owners of water permits who have not submitted the 2003 Irrigation Questionnaire be given notice of hearing to determine if any Board action is to be taken concerning this issue.

The hearing will be held at 8:30 am, March 3, 2004, in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. Following the hearing, the Water Management Board can:

1. Amend Permit No(s) 3296-3 & 4331-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner 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.

If the questionnaire(s) is(are) received in this office on/or before **February 27, 2004**, your name will be deleted from the Board agenda. If you have any questions or need assistance with completion of the irrigation questionnaire(s), please contact Genny McMath at (605) 773-3352.

Note: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



3296-3
**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 29, 2004

3296-3
4331-3

Matthew Siebrands
44187 US Hwy 212
Henry SD 57243

Dear Mr. Siebrands:

I am writing to acknowledge receipt of your 2003 irrigation questionnaires. You may disregard the January 14, 2004, "Notice" concerning reporting requirements for Water Right Nos. 3296-3 and 4331-3.

The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352



**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 1, 2004

3296-3

Joe Waldner
Mayfield Colony
43188 Mayfield Rd
Willow Lake SD 57278

Dear Mr. Waldner:

Thank you for contacting us regarding the ownership change for Water Right No. 3296-3. Enclosed is a copy of the water right, inspection report and the map. You may keep these documents for your records.

Also enclosed is a partially completed Notice of Transfer of Ownership form for filing an ownership change. Please review the form and make any necessary corrections. Upon completion, please sign the form and return it to our office with a required filing fee of \$2.50. The check or money order for the fee can be made payable to the Water Rights Program.

I have included a copy of the 2003 irrigation questionnaire submitted by Mr. Siebrands. This will give you an idea of what type of information you will need to keep track of during the irrigation season. The forms are mailed from our office in October each year and are due by the 1st of December.

If I can answer any questions for you, please contact me.

Sincerely,

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

enclosures

NOTICE OF TRANSFER OF OWNERSHIP

To: Chief Engineer
Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

RECEIVED
MAR 16 2004
WATER RIGHTS
PROGRAM

No. 3296-3

Date: March 12 - 2004

I/We request that Water Right No. 3296-3

formerly owned by: Matthew Siebrands, 44187 US Hwy 212, Henry SD 57243

be transferred to: (name & address) Mayfield Colony
43188 Mayfield Rd Willow Lake S.D. 57278
Telephone No. 605-625-3307

Title to the following described land(s)/property has been transferred as described above:

264 acres - SE ¼ Section 23 and NE ¼ Section 26, T113N, R57W

I/We understand that the validity of Water Right No. 3296-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Two Dollars and Fifty Cents (\$2.50) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We Joe Walther
Mayfield Colony, the new owner, certify that the above information is true and correct.

Joe Walther
(Signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction after the five year construction period has expired. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date March 16, 2004

RECEIVED OF Mayfield Hutterian Bretherr. Inc., 43188 Mayfield Rd, Willow Lake SD 57278

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	2 50	
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 <u>3296-3</u>		
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	2.50

No.

001233

By Darlene Eide
Chief Engineer *gm*



**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 16, 2004

3296-3

Joe Waldner
Mayfield Colony
43188 Mayfield Rd
Willow Lake SD 57278

Dear Mr. Waldner:

I am writing to acknowledge receipt of the transfer of ownership form and filing fee you submitted for Water Right No. 3296-3. The transfer has been completed. The water right, formerly held by Matthew Siebrands is now listed in the name of Mayfield Colony.

Enclosed is your Receipt No. 001233 in the amount of \$2.50. You may keep this for your records.

If I can answer any questions for you, please contact me.

Sincerely,

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

enclosure

NW^{1/4} of SE^{1/4} sec 23
113-57
40 Acres

NE^{1/4} of SE^{1/4} sec 23
113-57
39 Acres

SW^{1/4} of SE^{1/4} sec 23
113-57
39 Acres

SE^{1/4} of SE^{1/4} sec 23
113-57
38 Acres

NW^{1/4} of NE^{1/4} sec 26
113-57
39 Acres

NE^{1/4} of NE^{1/4} sec 26
113-57
38 Acres

SW^{1/4} of NE^{1/4} sec 26
113-57
40 Acres

SE^{1/4} of NE^{1/4} sec 26
113-57
39 Acres

Two wells

Note: NE^{1/4} sec 26 - 113-57 is under permit #2562-3
This is a request to add SE^{1/4} sec 23-113-57
The same water supply will be used for
both tracts of land

MATTHEW SIEBRANDS

Irrigation Project #1
Willow Lake 57278 S. Dakota
Hamlin County

Acres Irrigated - 156
Water claimed - 2.2 cfs
Points of Diversion:
3210' N 144° W
3200' N 148° W
of NE corner Sec 26
113-57

Scale - 8" = 1 Mile

Surveyor's Certificate

I, John L. Wiersma, do hereby certify
that this map identifies a reasonably
accurate record of the land of:

Matthew Siebrands
Willow Lake South Dakota
2-9-76 Hamlin County
Drawing by P.E. #1916
John L. Wiersma Bookings

MAR 25 1976 APR 10 1976

NOT TO

3296-3

143.3

9.5

149.4

~~3296-3~~
3296-3
2562-3

779-207L

1911-3

8" FWC

1980'

26

50'

6"

6"

1700'

76.4

146.4

57.7

2731-3

WELL

4.9

4.2

113-57

7.0

14.4

97.3

NOT TO SCALE

3296-3
2562-3

113-57

181.1

91.1

19.5

7.7

23 1.8

39.30

1453

779-207R

6.5

24

113-57

8" PVC

T



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

September 24, 2007

Joe Waldner
Mayfield Colony
43188 Mayfield Road
Willow Lake, SD 57278

Dear Mr. Waldner:

As requested, pursuant to South Dakota Well Construction Standard 74:02:04:21, Mayfield Colony is authorized to construct a test well in the Section 26, T113N-R57W prior to approval of a water permit. The well will be completed into the Willow Lake management unit of the Vermillion East Fork aquifer. This proposed replacement well should not be located any nearer to the existing irrigation wells that supply Water Right No. 1911-3 and Water Right No. 2731-3 than the well which is being replaced. The test well must be constructed in accordance with the SD Well Construction Standards. Any test holes that are abandoned must be plugged pursuant to the SD Well Construction Standards.

Authorization must be obtained before water from the well can be used. Approval of this test well does not assure authorization of the change of diversion point for Water Right No. 3296-3. Following review of a request; and assessing the potential impacts to existing users, the beneficial use, and the public interest of a permit, the Chief Engineer may authorize the change of diversion points. If the new well location increases the potential for adverse impacts to existing users a public hearing may be required to consider the water permit.

Very truly yours,

JAMES A. GOODMAN, P.E.
Natural Resources Engineer
for GARLAND ERBELE, Chief Engineer
Water Rights Program
(605) 773-3352

September 19, 2007

Joe Waldner
Mayfield Colony
43188 Mayfield Road
Willow Lake SD 57278

Dear Mr. Goodman:

On behalf of Mayfield Colony I am requesting permission to drill a test well for a replacement well to Water Right No. 3296-3. I currently have a request pending to change the diversion point location. The well driller will be at Mayfield Colony within the next few days to conduct test hole drilling and if they find good water the colony requests permission to complete a test well which will ultimately become the production well.

Sincerely,

A handwritten signature in cursive script, appearing to read "Joe Waldner".

Joe Waldner

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	(office use only) No. _____ Hydrologic Unit _____
	Basin _____
	Newspaper _____

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.)

Request for a change of diversion point pursuant to SDCL 46-5-13.1 for Water Right No. 3296-3

- Name of Applicant Mayfield Colony Phone _____
(check one) ☐ Owner ☒ Tenant/lessee
Mailing Address 43188 Mayfield Road, Willow Lake State SD 57278
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 1.55 *CFS or _____ **GPM _____ ***AF Total Acreage 264
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Vermillion East Fork : Spirit Lake
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Clark
currently have two well in the SW 1/4 NE 1/4 of Section 26, T113N, R57W. Intend to replace the east well with a new well in the same quarter-quarter section approximately 200 feet west of existing well
- County or counties where water will be used Clark
- Annual period during which water is to be used same as WR No. 3296-3
- 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
SE 1/4 Section 23, T113N, R57W	132		
NE 1/4 Section 26, T113N, R57W	132		

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

Mayfield Colony intends to drill a replacement well for the easterly of the two wells authorized by Water Right No. 3296-2. New well will be approximately 200 feet west of the current well that is being replaced. The old well will be plugged. The existing diversion rate of 700 gpm from both well will not be increased.

STATE OF SOUTH DAKOTA) SS
County of Hughes

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)

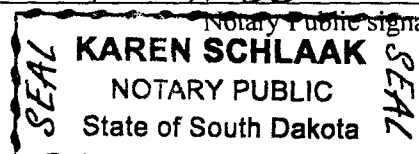
I, Joe Waldner, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Applicant's signature

Subscribed and sworn to before me this 19th day of September 20 07

Karen Schlaak

Notary Public signature



My commission expires 4/1/13

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 16 Depth 35ft
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:
On applicants property 300 feet west On property owned by others approx. 600 feet NW

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

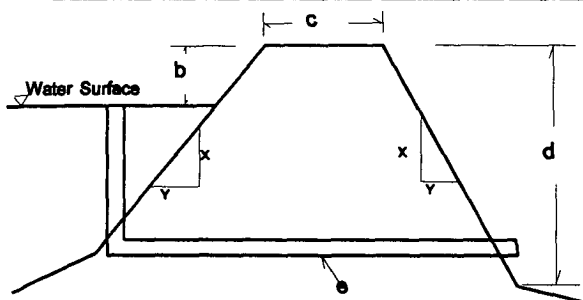
3. Dugout Information

- 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

22

23

24

27

26

25

34

35

30

Approval of a Change of Diversion Point

NAME: Mayfield Colony – c/o Joe Waldner

ADDRESS: 43188 Mayfield Road, Willow Lake SD 57278

DATE: September 24, 2007 **COUNTY:** Clark **TELEPHONE:**

BACKGROUND:

Water Right No. 3296-3 appropriates 1.55 cubic feet of water per second from two wells completed into the Spirit Lake Management Unit of Vermillion East Fork Aquifer. The wells are located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 26, T113N, R57W. The water right authorizes 264 acres located in the SE $\frac{1}{4}$ Section 23 and NE $\frac{1}{4}$ Section 26; all in T113N, R57W.

Specifically, the two existing wells are located:

Well No. 1 – 1,980 feet west and 50 feet north of the E $\frac{1}{4}$ corner of Section 26

Well No. 2 – 1,700 feet west and 20 feet north of the E $\frac{1}{4}$ corner of Section 26

Mr. Joe Waldner with Mayfield Colony filed a request to drill a replacement well for Well 2. The old well will be plugged. The replacement well will be located approximately 200 feet west of the existing Well No. 2. The replacement well will be in closer proximity to the colony's Well No. 1.

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**

The water source authorized by Water Right No. 3296-3 is the Spirit Lake Management Unit of Vermillion East Fork Aquifer. The replacement well will be drilled to an approximate depth of 35 feet which is the Spirit Lake Management Unit of Vermillion East Fork Aquifer.

No additional appropriation of water is requested. The original water right appropriates 1.55 cfs which is equivalent to 700 gpm. Mr. Waldner states the existing diversion rate of 700 gpm will not be increased. The two wells supply water for two center pivots. Only one pivot can operate at a time.

- **Review of Existing Diversions**

There are two existing water rights located in Section 26.

Water Right No. 2731-3 held by Melvin Schmidt appropriates 1.88 cfs from one well located approximately 1,340 feet south of the center of Section 26 for irrigation of 132 acres in the E $\frac{1}{2}$ SW $\frac{1}{4}$ and W $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 26. This well is approximately 1,653 feet southwest of Mayfield Colony's wells. This water right has a split priority date with 0.78 cfs senior and the remaining 0.77 cfs junior to the colony's water right. The change of location for this replacement well will move the well 105 feet closer to this Schmidt well.

Melvin Schmidt also holds Water Right No. 1911-3 appropriating 1.9 cfs to irrigate 130 acres in the NW ¼ Section 26. This well is located approximately 80 feet north of the center of Section 26. This puts this well in close proximity to the colony wells. The Schmidt well is approximately 660 feet west of colony well No. 1 (which will remain in place) and 940 feet west of the well that is to be replaced. The replacement well is intended to be located 740 feet west of the Schmidt well. The replacement well will be approximately 200 feet closer to this well. However, it should be noted that currently Well No. 1 is approximately 660 feet from this neighboring well.

In addition, there are existing irrigation water rights in Section 22 and Section 35. The minor change in location by completing a replacement well should not interfere with these rights.

Area domestic wells were also reviewed. There are 4 well completion reports on file for domestic wells within a one mile radius. They are located in the SW ¼ SW ¼ Section 22, NW ¼ NE ¼ Section 27, NW ¼ Section 35 and the NE ¼ NE ¼ Section 35. In addition there is a well on file that was completed in 1988 for industrial use at Nuttbrock Fisheries located in the NW ¼ NE ¼ Section 35. There is not a water right on file for this use and it is not known if the industrial use is still active. However, viewing the FSA aerial shows some ponds in the location that matches where the well is to be located.

CONCLUSION

- The additional well does not appropriate additional water.
- The additional well is completed into the Spirit Lake Management Unit of the Vermillion East Fork Aquifer.
- There are currently two other water rights for irrigation in Section 26. This replacement well will be approximately 740 feet from the nearest neighboring well. It is not anticipated that this neighboring well will be adversely impacted given the fact that colony's Well No. 1 is in closer proximity and the wells have coexisted for numerous years.
- Existing domestic wells should not be adversely impacted by authorizing this additional well.

RECOMMENDED ACTION

Based on the above criteria, it is recommended that the change of diversion point be authorized under Water Right No. 3296-3.



Eric Gronlund
Water Rights Program

The Chief Engineer makes a finding pursuant SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:

This additional diversion point does not increase the potential for adverse effects to existing diversions.



Garland Erbele, Chief Engineer
Water Rights Program



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

September 28, 2007

Joe Waldner
Mayfield Colony
43188 Mayfield Road
Willow Lake SD 57278

Dear Mr. Waldner:

I am writing in regard to the request filed by Mayfield Colony to authorize a replacement well to Water Right No. 3296-3. This right appropriates 1.55 cubic feet of water per second from two wells completed into the Spirit Lake Management Unit of Vermillion East Fork Aquifer. The wells are located and located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 26, T113N, R57W. The water right authorizes 264 acres located in the SE $\frac{1}{4}$ Section 23 and NE $\frac{1}{4}$ Section 26; all in T113N, R57W.

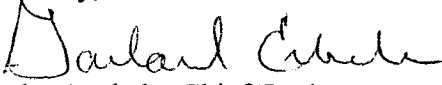
The application requests authorization for a replacement well also to be located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 26, T113N, R57W. The existing well that is being replaced shall be plugged in accordance with South Dakota Well Construction Standards.

Upon review of the request and pursuant to SDCL 46-5-13.1, the replacement well is authorized without application or publication of a notice of hearing pursuant to SDCL 46-2A-4.

A new water permit will need to be obtained if the diversion of water from the wells exceeds the 1.55 cfs (700 gpm) currently authorized by Water Right No. 3296-3.

If you have any questions, please contact Eric Gronlund at (605) 773-3352.

Sincerely,


Garland Erbele, Chief Engineer
Water Rights Program



3296-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 23, 2009

NOTICE

TO: MAYFIELD COLONY, JOE WALDNER, 43188 MAYFIELD RD, WILLOW LAKE, SD 57278

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2008 Irrigation Questionnaire(s)

Our records indicate that the 2008 Irrigation Questionnaire has not been submitted for Permit No(s) 3296-3. The request for the Questionnaire was dated October 24, 2008. The Water Management Board has directed that owners of water permits who have not submitted the 2008 Irrigation Questionnaire be given notice of hearing to determine if any Board action is to be taken concerning this issue.

The hearing will be held at **10:00 am, March 11, 2009**, in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. Following the hearing, the Water Management Board can:

1. Amend Permit No(s) 3296-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner 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.

If the questionnaire(s) is (are) received in this office on/or before **March 6, 2009**, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352. If you prefer, you can complete the questionnaire on-line at the following link:
<https://www.state.sd.us/efrms/secure/efrms/E0455V7-IQ.pd>

Note: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

[Home](#) | [Help](#)[Track & Confirm](#)

Track & Confirm

Search Results

Label/Receipt Number: **2303 2160 0000 0802 5688**
Status: **Delivered**

Your item was delivered at 10:07 AM on January 24, 2009 in WILLOW LAKE, SD 57278. The item was signed for by J WALDNER.

Track & Confirm

Enter Label/Receipt Number.

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. [Go >](#)

Proof of Delivery

Verify who signed for your item by email, fax, or mail. [Go >](#)

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No FEAR Act EEO Data

FOIA

SIGNATURE CONFIRMATION NUMBER:
2303 2160 0000 0802 5688

MAYFIELD COLONY
JOE WALDNER
43188 MAYFIELD RD
WILLOW LAKE SD 57278

Waiver of Signature ☐ YES ☐ NO

Postmark
Here

POSTAL CUSTOMER:
Keep this receipt. For Inquiries:
Access internet web site at
www.usps.com
or call 1-800-222-1811

☐ Priority Mail[®] Service
☐ First-Class Mail[®] parcel
☐ Package Services parcel



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 28, 2009

3296-3

Joe Waldner
Mayfield Colony
43188 Mayfield Rd
Willow Lake SD 57278

Dear Mr. Waldner:

I am writing to acknowledge receipt of your 2008 irrigation questionnaire. You may disregard the January 23, 2009, "Notice" concerning reporting requirements for Water Right No. 3296-3.

The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Genny McMath". The signature is written in a cursive, flowing style.

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

SOUTH DAKOTA WATER WELL COMPLETION REPORT

3296-3

11-02

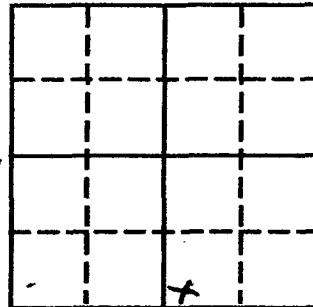
Location SW 1/4 SE 1/4 Sec 23 Twp 113N Rg 57W

Well Owner: Mayfield Colony

County

Clark

North



Please mark well location with an "X"

Well Completion Date

6-25-08

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

? 30 ft. from old RR well (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Boring Rig

CASING DATA:

If other describe ☐ Steel ☒ Plastic ☐ Other

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>54 LB/FT</u>	<u>18 IN</u>	<u>24 FT</u>	<u>24 FT</u>	<u>30 IN</u>
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
		Lb/gal	FT	FT
		Lb/gal	FT	FT

Describe grouting procedure

Cutting from hole

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 18 Inches Length 15 Feet
Material plastic
Slot Size .085 Set From 24 Feet to 39 Feet
Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☐ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How?

☐ No, Why Not?

Lab sample sent to for water quality analysis

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Top Soil</u>	<u>0</u>	<u>1</u>
<u>Sandy yellow clay mixed with</u>	<u>1</u>	<u>5</u>
<u>yellow from to medium</u>	<u>5</u>	<u>28</u>
<u>Blue clay soft</u>	<u>28</u>	<u>29</u>
<u>Gray coarse sand</u>	<u>29</u>	<u>39</u>
<u>Blue clay from</u>	<u>39</u>	<u>40</u>

STATIC WATER LEVEL

1 FEET

If flowing: closed in pressure

PSI

GPM flow

through

inch pipe

Controlled by

☐ Valve

☐ Reducers

☐ Other

Reduced flow rate

GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:
☐ Bailed
☐ Other

Pumping Level Below Land Surface

10 Ft. After 12 Hrs. pumped 1000 GPM.
10 Ft. After 24 Hrs. pumped 1000 GPM.

If pump installed, pump rate:

653 GPM

7THC-4 Goulds 50HP

REMARKS

This well was drilled under license #

689

And this report is true and accurate.

Drilling firm:

Kaiser Well Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date:

RECEIVED
FEB - 6 2009
WATER RIGHTS
PROGRAM



3296-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

April 30, 2012

Joe Waldner
Mayfield Colony
43188 Mayfield Road
Willow Lake SD 57278

Dear Mr. Waldner:

I am writing in regard to the request filed by Mayfield Colony to authorize a replacement well to Water Right No. 3296-3. Water Right No. 3296-3 appropriates 1.55 cubic feet of water per second from two wells completed into the Spirit Lake Management Unit of Vermillion East Fork Aquifer. The wells are located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 26, T113N, R57W. The water right authorizes 264 acres located in the SE $\frac{1}{4}$ Section 23 and NE $\frac{1}{4}$ Section 26; all in T113N, R57W.

The request seeks authorization to replace well No. 1. The new well will continue to be located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 26, T113N, R57W very near the center of the section. The existing well that is being replaced shall be plugged in accordance with South Dakota Well Construction Standards.

Upon review of the request and pursuant to SDCL 46-5-13.1, the replacement well is authorized without application or publication of a notice of hearing pursuant to SDCL 46-2A-4. In granting this authorization, Mayfield Colony must be aware that a condition to Water Right No. 3296-3 is that as the well owner the Colony shall control withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in irrigation wells having prior water rights. The nearby well authorized by Water Right No. 1911-3 owned by Jack Schmidt has a 1971 priority date which is senior to the 1976 priority date of the Colony's water right.

If you have any questions, please contact Eric Gronlund at (605) 773-3352.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program

Approval of a Change of Diversion Point

NAME: Mayfield Colony – c/o Joe Waldner

ADDRESS: 43188 Mayfield Road, Willow Lake SD 57278

DATE: April 28, 2012 **COUNTY:** Clark **TELEPHONE:**

BACKGROUND:

Water Right No. 3296-3 appropriates 1.55 cubic feet of water per second from two wells completed into the Spirit Lake Management Unit of Vermillion East Fork Aquifer. The wells are located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 26, T113N, R57W. The water right authorizes irrigation of 264 acres located in the SE $\frac{1}{4}$ Section 23 and NE $\frac{1}{4}$ Section 26; all in T113N, R57W. In 2007, Mayfield Colony was granted authorized under SDCL 46-5-13.1 to change the location of the well designated as No. 2.

Currently, the two existing wells are located:

Well No. 1 – approximately 2,090 feet west and 50 feet north of the E $\frac{1}{4}$ corner of Section 26

Well No. 2 – approximately 2,490 feet west and 20 feet north of the E $\frac{1}{4}$ corner of Section 26

Mr. Joe Waldner with Mayfield Colony filed a request to drill a replacement well for Well 1. The old well must be plugged. The replacement well will be located approximately 510 feet west of the existing Well No. 1 and be very near the center of Section 26, T113N, R57W. This change in well location will put Well No. 1 about 100 feet west of Well No. 2.

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**

The water source authorized by Water Right No. 3296-3 is the Spirit Lake Management Unit of Vermillion East Fork Aquifer. The replacement well will be drilled to an approximate depth of 42 feet which is the Spirit Lake Management Unit of Vermillion East Fork Aquifer.

No additional appropriation of water is requested. The original water right appropriates 1.55 cfs which is equivalent to 700 gpm. The request states 800 gpm, but Mr. Waldner was contacted and said that was a mistake and they want to replace the well to bring the diversion rate back to the same 700 gpm they had before well No. 1 began to fail (personal communication, March 15, 2012). The two wells supply water for two center pivots. Only one pivot can operate at a time. The request stated the irrigation was for the NE $\frac{1}{4}$ Section 26 but during the same personal communication Mr. Waldner stated the water also supplies a pivot in the SE $\frac{1}{4}$ Section 23 on an alternating basis.

- **Review of Existing Diversions**

Area domestic wells were reviewed. There are 4 well completion reports on file for domestic wells within a one mile radius. They are located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 22, NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27, NW $\frac{1}{4}$ Section 35 and the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 35. In addition there is a well on file that was completed in 1988 for industrial use at Nuttbrock Fisheries located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 35. There is not a water right on file for this use and it is not known if the industrial use is still active. However, viewing the FSA aerial shows some ponds in the location that matches where the well is to be located.

There are two existing water rights located in Section 26.

Water Right No. 2731-3 held by Jack Schmidt appropriates 1.88 cfs from one well located approximately 1,340 feet south of the center of Section 26 for irrigation of 132 acres in the E $\frac{1}{2}$ SW $\frac{1}{4}$ and W $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 26. This well is approximately 1,530 feet southwest of Mayfield Colony's wells. This water right has a split priority date with 0.78 cfs senior and the remaining 0.77 cfs junior to the colony's water right. The change of location for this replacement well will move the well about 100 feet closer to this Schmidt well. The distance between the wells will be about 1,430 feet.

Jack Schmidt also holds Water Right No. 1911-3 appropriating 1.9 cfs to irrigate 130 acres in the NW $\frac{1}{4}$ Section 26. This well is located approximately 375 feet north of the center of Section 26. Currently the existing well No. 1 is approximately 705 feet from the Schmidt well. This change in well location will move the new well No. 1 to within approximately 350 feet of the Schmidt well. Both Mayfield Colony and Mr. Schmidt were contacted regarding this proposed change. Also, staff engineer Adam Mathiowetz conducted an on-site investigation with the two parties to determine the precise location of the wells. Joe Waldner with Mayfield Colony stated they had conducted test drilling to the north and west and were unable to find a suitable site. That is the reason the colony believes the only suitable well site is at the proposed location. The Water Rights Program obtained the test hole records from the well driller for alternate sites which confirmed Mayfield's position. Mr. Schmidt stated there is ample water for the diversions to co-exist at the proposed site, however, he wants to be sure his right is protected. Schmidt's Water Right No. 1911-3 has a priority date of December 10, 1971 and is senior to the February 12, 1976 priority dated on Mayfield's Water Right No. 3296-3.

In addition, there are existing irrigation water rights in Section 22 and Section 35. The minor change in location by completing a replacement well should not interfere with these rights.

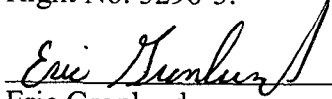
CONCLUSION

- The additional well does not appropriate additional water.
- The additional well is completed into the Spirit Lake Management Unit of the Vermillion East Fork Aquifer.
- There are currently two other water rights for irrigation in Section 26. This replacement well will be approximately 100 feet from the other well authorized by Water Right No. 3296-3 and 375 feet from the Schmidt well authorized by Water Right No. 1911-3.
- Existing domestic wells should not be adversely impacted by authorizing this additional well.

- Although the well will be in close proximity to another well, interference is not expected to be a concern. In the event during dry periods there is interference the junior water right holder may need to limit withdrawals.
- Mayfield colony and Jack Schmidt have both indicated a willingness to manage withdrawals to their mutual benefit.

RECOMMENDED ACTION

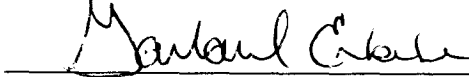
Based on the above criteria, it is recommended that the change of diversion point be authorized under Water Right No. 3296-3.



Eric Gronlund
Water Rights Program

The Chief Engineer makes a finding pursuant SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:

This additional diversion point does not increase the potential for adverse effects to existing diversions.



Garland Erbele, Chief Engineer
Water Rights Program





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

March 9, 2012

Joe Waldner
Mayfield Colony
3188 Mayfield Road
Willow Lake SD 57278

Dear Mr. Waldner:

DENR received the request from Mayfield Colony to construct a new well to replace one of the existing wells authorized by Water Right No. 3296-3.

Water Right No. 3296-3 appropriates 1.55 cubic feet of water per second (700 gpm) from two wells in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 26, T113N, R57W for irrigation of 264 acres in the SE $\frac{1}{4}$ Section 23 and the NE $\frac{1}{4}$ Section 26. In 2007, the colony was granted authorization to replace well No. 2 (the easterly most well) with a new well located approximately 200 feet west of the original well. DENR presumes it is now Mayfield's intent to replace Well No. 1 which is located just east of the center of Section 26.

Attached are two maps. One map includes both the SE $\frac{1}{4}$ of Section 23 and NE $\frac{1}{4}$ Section 26 while the other is just of the NE $\frac{1}{4}$ of Section 26. Please confirm which well is to be replaced and mark the proposed location of the new well with an "X" on the map. Then return in the self-addressed stamped envelope to my attention.

Please understand that the combined diversion rate from the two wells may not exceed 700 gallons per minute. If the diversion rate exceeds this amount, a new water right permit will need to be obtained for the increase diversion rate above 700 gpm. This will require following a more formal water permit process including the application filing fee and public notice.

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

Sincerely,

Eric Gronlund
Water Rights Program, DENR
605 773-3352

enclosure

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

Mail to: PMB 2020 DNR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. _____	(office use only) Hydrologic Unit _____
	Basin _____	
	Newspaper _____	

RECEIVED

FEB 17 2012

WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

 Type of Application: ☐ New ☐ Vested Right ☒ Amendment/Correction to Permit No. 3296-3
 (Use predates Mar 2, 1955)

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

 1. Name of Applicant Mayfield Colony Phone 605 881 4868
 (check one) Owner ☐ Tenant/leasee ☐
 Mailing Address 43188 Mayfield Rd Willow Lake SD 57278
 (Address) (City) (State) (Zip Code)

 2. Amount of water claimed _____ *CFS or 800 **GPM _____ ***AF Total Acreage _____
 (*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable
3. Source of water supply New Well4. Location of point of diversion (example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W) County Clark5. County or counties where water will be used Clark6. Annual period during which water is to be used June / August
 7. 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
<u>NE 1/4 Sec 26 - 113-57</u>	<u>130</u>		
<u>Clark County, SD</u>			

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

Replacing old well with new well
 STATE OF SOUTH DAKOTA)
 County of Clark) SS

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

Joe Waldner, 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 Joe WaldnerSubscribed and sworn to before me this 15 day of Feb 2012Christine J. Jorgensen
Notary Public signature

Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 22 Depth 42
- b) Casing Type PVC Diameter 16 Thickness Sch 40
- c) Screen Type PVC Diameter 16 Thickness Sch 40
- d) Gravel Pack 1/4 x 1/8 red grit Length of Gravel Pack 15'
- e) Depth to Top of Water Bearing Material 4'
- f) Depth to Water (ground surface to water level) 6"
- g) Distance to nearest existing domestic well:

On applicant's property _____ On property owned by others Innervest 500'

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

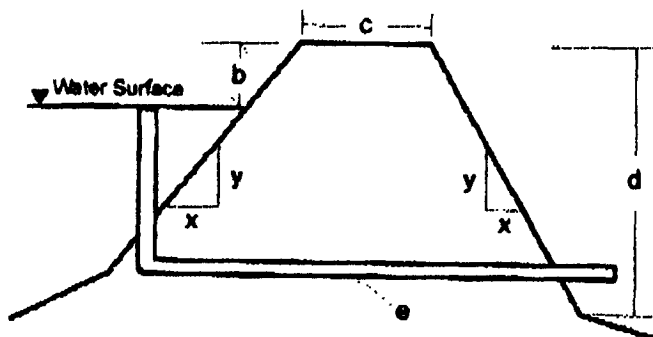
3. Dugout Information

- 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 (e.g. 3 to 1 is a typical slope)
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

MAR 14 2012

WATER RIGHTS
PROGRAM

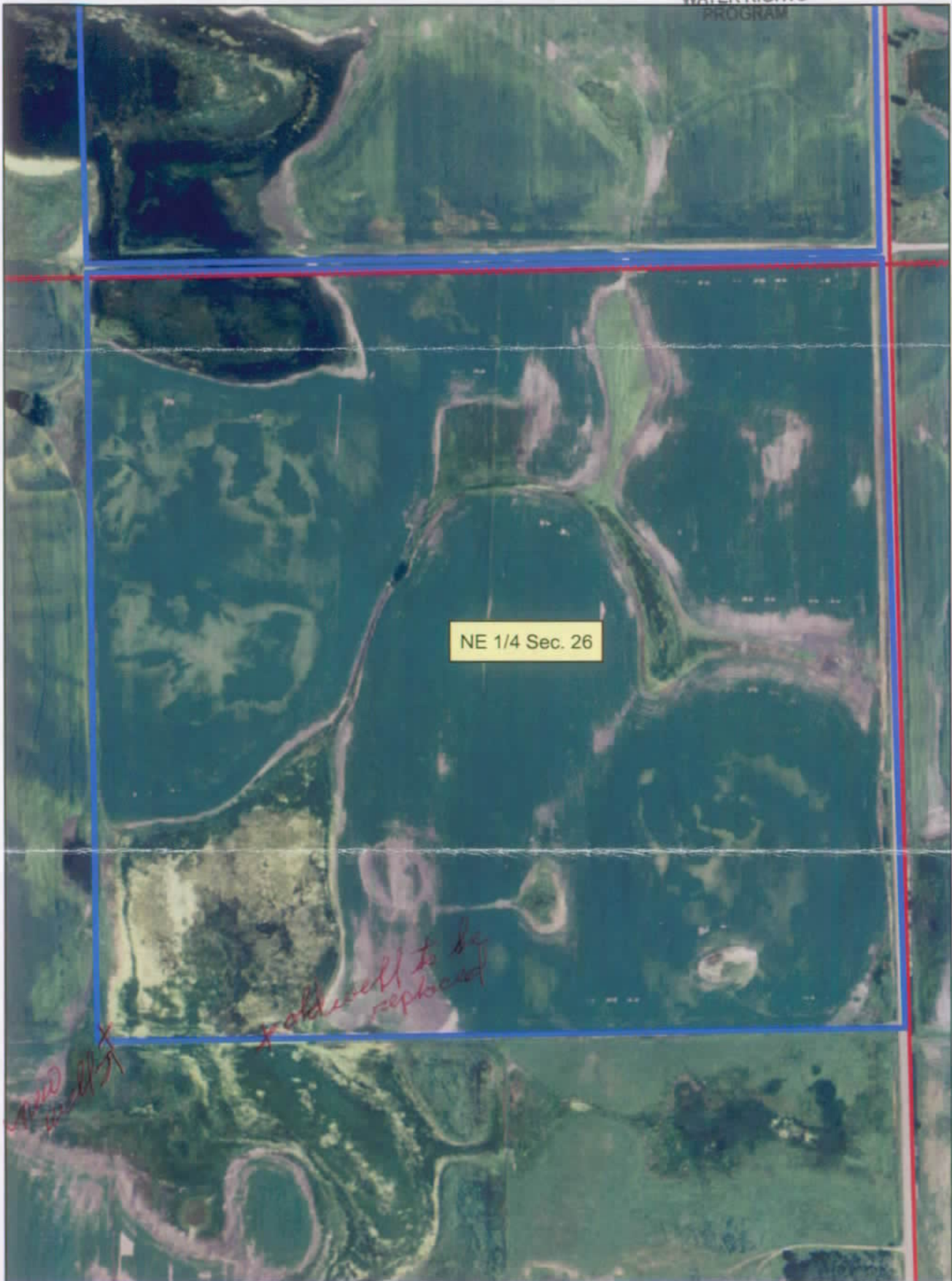


RECEIVED

Water Right No. 3296-3, Mayfield Colony

MAR 14 2012

WATER RIGHTS
PROGRAM



FAX COVER PAGE

KAISER WELL DRILLING
45550 193RD ST
LAKE NORDEN, SD 57248
PHONE(605)785-3813
FAX(605)785-3812

RECEIVED

APR - 9 2012

WATER RIGHTS
PROGRAM

TO: SD DENR

DATE: 4-6-12

FAX #: 605-773-4068

PAGES: 7 with cover

MESSAGE:

Attached are the logs for 6
test wells for Mayfield Colony.
If you have any questions please
give us a call

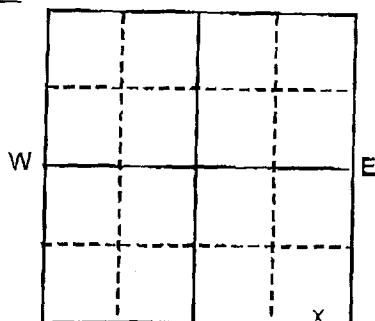
SD EForm - 1621LD V1

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE ¼ se ¼ Sec 23 Twp 113N Rg 57WCounty CLARK

North

Please mark well
location with an "X"

Well Completion Date

JANUARY 2012

1 Mile

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

PROPOSED USE:

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

METHOD OF DRILLING:

ROTARY DRILL 5 1/8 HOLE

CASING DATA:

☐ Steel ☐ Plastic ☐ Other

If other describe

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

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Grout Wll DF	14	54.0 Lb/gal	0.0 Ft	200.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure

TREMIE

SCREEN:

☐ Perforated pipe ☐ Manufactured

Diameter _____ Inches Length _____ Feet

Material

Slot Size _____ Set From _____ Feet to _____ Feet

Other Information

WAS A PACKER OR SEAL USED? ☐ Yes ☐ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How? _____
☐ No, Why Not? _____
Lab to which water
quality sample sent for analysisWell Owner: Mayfield Colony

Business Name:

Address: 43188 Mayfield RdCity, State, Zip: Willow Lake SD 57278

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	1
YELLOW SAND MIXED	2	15
YELLOW CLAY	16	60
BLUE CLAY	61	120
GREY SAND	121	127
BLUE CLAY	128	200

STATIC WATER LEVEL

FEET

If flowing: closed in pressure

PSI

GPM flow _____ through _____

Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced flow rate

GPM

Can well be completely shut in?

WELL TEST DATA:

☐ Pumped Describe:☐ Bailed☐ Other

Pumping Level Below Land Surface

_____ Ft. After _____ Hrs. pumped _____ GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

This well was drilled under license # 689 and this
report is true and accurate.Drilling firm: KAISER WELL DRILLING INC

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date:

11-02

Date:

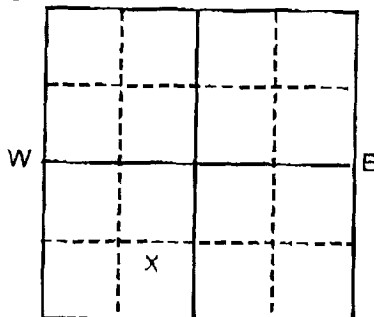
SD EForm - 1621LD V1

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE 1/4 SW 1/4 Sec 23 Twp 113N Rg 57WCounty CLARK

North

Please mark well
location with an "X"

TW #3

Well Completion Date

JANUARY 2012

1 Mile

Well Owner: Mayfield Colony

Business Name:

Address: 43188 Mayfield RdCity, State, Zip: Willow Lake SD 57278

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	1
MIXED GRAVEL	2	15
BLUE CLAY	16	120

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

PROPOSED USE:

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

METHOD OF DRILLING:

ROTARY DRILL 5 1/8 HOLE

CASING DATA:

☐ Steel ☐ Plastic ☐ Other

If other describe _____

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

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Grout WII DF	9	54.0 Lb/gal	0.0 Ft	120.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure _____

TREMIE

SCREEN:

☐ Perforated pipe ☐ Manufactured

Diameter _____ Inches Length _____ Feet

Material _____

Slot Size _____ Set From _____ Feet to _____ Feet

Other information _____

WAS A PACKER OR SEAL USED?

☐ Yes ☐ No

If so, what material? _____

Describe packer(s) and location _____

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How? _____
☐ No, Why Not? _____
Lab to which water
quality sample sent for analysis _____

STATIC WATER LEVEL

FEET

If flowing: closed in pressure _____

PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☐ Pumped Describe: _____☐ Bailed☐ Other

Pumping Level Below Land Surface

_____ Ft. After _____ Hrs. pumped _____ GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

This well was drilled under license # 689 and this
report is true and accurate.Drilling firm: KAISER WELL DRILLING INC

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: _____

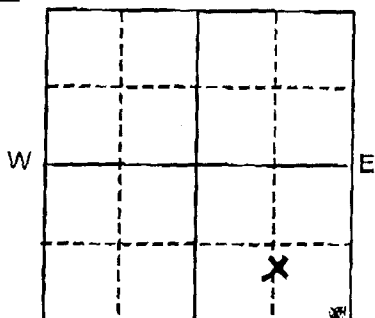
SD EForm - 1621LD V1

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE 1/4 SE 1/4 Sec 26 Twp 113N Rg 57WCounty CLARK

North

Please mark well
location with an "X"

TW #4

Well Completion Date

JANUARY 2012

1 Mile

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

PROPOSED USE:

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

METHOD OF DRILLING:

ROTARY DRILL 5 1/8 HOLE

CASING DATA:

☐ Steel ☐ Plastic ☐ Other

If other describe _____

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

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Grout W/ DF	9	54.0 Lb/gal	0.0 Ft	120.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure

TREMIE

SCREEN:

☐ Perforated pipe ☐ Manufactured

Diameter _____ Inches Length _____ Feet

Material _____

Slot Size _____ Set From _____ Feet to _____ Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☐ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How?

☐ No, Why Not?
Lab to which water
quality sample sent for analysisWell Owner: Mayfield Colony

Business Name: _____

Address: 43188 Mayfield RdCity, State, Zip: Willow Lake SD 57278

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	1
SAND	2	20
BLUE CLAY	21	120

STATIC WATER LEVEL

FEET

If flowing: closed in pressure _____

PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☐ Pumped Describe:☐ Bailed☐ Other

Pumping Level Below Land Surface

_____ Ft. After _____ Hrs. pumped _____ GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

This well was drilled under license # 689 and this
report is true and accurate.Drilling firm: KAISER WELL DRILLING INC

Signature of License Representative:

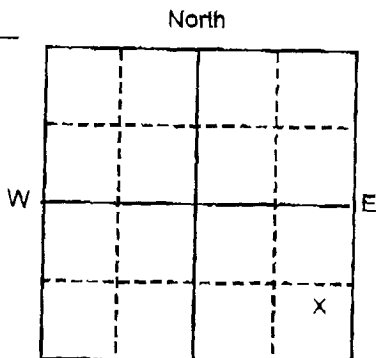
Signature of Well Owner or Equitable Property Holder:

Date: _____

SD EForm - 1621LD V1

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE ¼ SE ¼ Sec 26 Twp 113N Rg 57WCounty CLARKPlease mark well
location with an "X"Well Owner: Mayfield Colony

Business Name: _____

Address: 43188 Mayfield RdCity, State, Zip: Willow Lake SD 57278

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	1
MIXED GRAVEL	2	15
BLUE CLAY	16	80

Well Completion Date

JANUARY 2012

1 Mile

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

PROPOSED USE:

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

METHOD OF DRILLING:

ROTARY DRILL 5 1/8 HOLE

CASING DATA:

☐ Steel ☐ Plastic ☐ Other

If other describe _____

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

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Grout WII DF	6	54.0 Lb/gal	0.0 Ft	80.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure _____

TREMIE

SCREEN:

☐ Perforated pipe ☐ Manufactured

Diameter _____ Inches Length _____ Feet

Material _____

Slot Size _____ Set From _____ Feet to _____ Feet

Other information _____

WAS A PACKER OR SEAL USED?

☐ Yes ☐ No

If so, what material? _____

Describe packer(s) and location _____

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How? _____
☐ No, Why Not? _____
Lab to which water
quality sample sent for analysis _____

STATIC WATER LEVEL

_____ FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____☐ Bailed☐ Other

Pumping Level Below Land Surface

_____ Ft. After _____ Hrs. pumped _____ GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

This well was drilled under license # 689 and this
report is true and accurate.Drilling firm: KAISER WELL DRILLING INC

Signature of License Representative: _____

by Tamelle Caise

Signature of Well Owner or Equitable Property Holder: _____

Date: _____

11-02

Date:

FILE DOCUMENTATION

NAME: Mayfield Colony – c/o Joe Waldner
ADDRESS: 43188 Mayfield Road, Willow Lake SD 57278
DATE: March 15, 2012 **COUNTY:** Clark **TELEPHONE:**

On March 15, 2012, I contacted Mr. Waldner regarding Mayfield Colony's request to move Well No. 1 authorized by Water Right No. 3296-3. The request is to move the well a few hundred feet to the west almost to the center of Section 26, T113N, R57W. The water right authorizes 700 gpm from two wells for irrigation of the NE ¼ Section 26 and the SE ¼ Section 23. The request stated a diversion rate of 800 gpm and irrigation of the NE ¼ Section 26. Mr. Waldner stated the colony's intent is only to divert a total of 700 gpm and that the two wells do supply water to the NE ¼ Section 26 and SE ¼ Section 23 on an alternating basis. He then wanted to know when he could get the driller out to drill the replacement well. I said DENR's review should be completed and brought to the Chief Engineer on Monday, March 19th.

Upon continuing my review, I found that a well exists that is authorized by Water Right No. 1911-3 (Jack Schmidt) in close proximity for irrigation of the NW ¼ Section 26. The water right states this well is located about 80 north of the center of Section 26. Based on this, it appeared the Mayfield's proposed location of the replacement for well No. 1 would be approximately 80 – 100 feet south of the existing well.

On the morning of March 16, I contacted Mr. Waldner to ask if it was really their intent to put this new well in such close proximity to the neighboring water right's well which is senior in priority. He indicated that the two wells would be between 200 – 250 feet apart. He didn't see a big issue with the well's being close together and that he had talked with Jack Schmidt about it. I said if DENR were to authorize the change, Mayfield's water right is junior in priority and the colony would have to control withdrawals if adverse impairment occurred. I then needed to explain the priority system to Mr. Waldner. Finally, I told him this is something DENR will need to take a close look at and I'd need to personally discuss the matter with the Chief Engineer. He reiterated Mayfield's desire to get the new well drilled soon.

I then contact Jack Schmidt (881-0314) who holds the neighboring water right. He informed that the colony had talked with him. When I mentioned the location of the well on the water right he informed me that the well is actually located a few hundred feet south of the center of Section 26. I inquired whether the well location had been moved at some point in time. He indicated he inherited the land from his dad (Melvin) and the present location is the original developed well site.

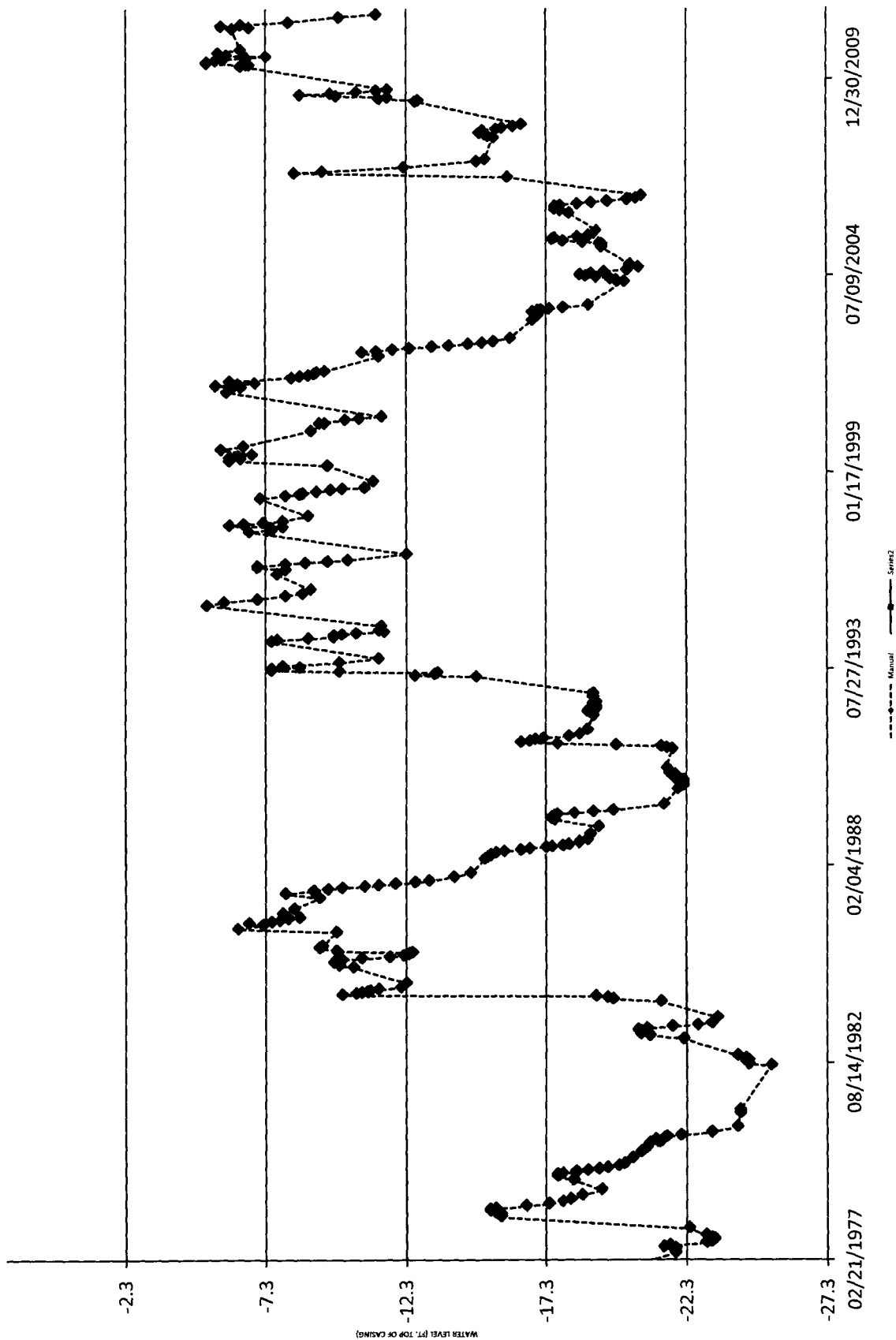
Mr. Schmidt stated that he wants to be a good neighbor and doesn't want keep them from getting water as long as it doesn't impact him. He said that to his knowledge there's a lot of water at this location and doesn't begrudge them their share of the water. That being said moving the well too close to his well does raise concerns for him. We discussed the priority based system and the well interference qualification on ground water permits.

Mr. Schmidt called back about an hour later. He went out in the field and stepped off the location of his well and where he expects the new Mayfield well location at between 400 & 450 feet. Using ArcMap and the FSA aerial overlay I am unable to see exactly where the Schmidt well is located. Mr Schmidt again stated that he wants to be a good neighbor and is not necessarily opposed to the change if it won't impact him. They have come off a few very wet years and the water levels are high but what happens when there is a drought. He just want to look out after his interests.

I told him I needed to discuss this with the Chief Engineer and get back to both Mayfield Colony and him. I asked if he'd be opposed to them drilling the well and conducting a test pump to determine if there is the impact to his well. He said he'd welcome that type of approach.

Eric Huntsman

WATER RIGHTS' OBSERVATION WELL CK-76Q



WATER RIGHTS' OBSERVATION WELL CK-76R

