

WATER PERMIT NO. 6454-3

Name of Applicant: Daniel Schuurmans

Address: 30434 412th Ave, Tyndall SD 57066

Phone: 605 589-3811

Amount of Water Claimed: 1.71 cfs

Total Acres: 120

Source of Water Supply: groundwater

Water to be used for: irrigation

County: Bon Homme

Type of Waste Disposal System:

Location: 8 miles southwest of Tyndall

PRIORITY

Date Received: 12-10-03

Application/License Fee: \$275

Corrected Application Received: 12-15-03

Period of Annual Use: April 1 – October 31

Remarks:

Diversion Point: NE ¼ SW ¼ Sec 5-T93N-R60W

Land to be Irrigated: SW ¼ Sec 5-T93N-R60W

Depth of Well: 189 feet deep

Well Driller: : Sargent Irrigation Co.

Remarks:

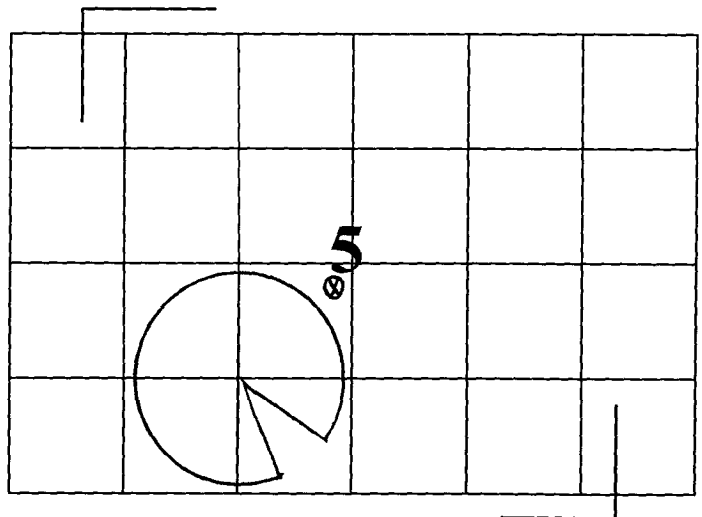
Type of Map: aerial

Prepared by: Ernie R Burns, Bon Homme FSA

Reviewed and the Number Assigned on: 12-15-03

By: Karen Schlaak

Notice of Hearing - date to intervene: _____



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

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6454-3</u> (office use only)	Hydrologic Unit <u>10170101</u>
	Basin <u>Missouri River</u>	
	Newspaper <u>Tyndall Tribune, Tyndall</u>	

RECEIVED
DEC 10 2003
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 Daniel Schuurmans Phone 605-589-3811
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address 30434 412th Ave Tyndall State S.Dak. 57066
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 1.71 *CFS or 770 **GPM ***AF Total Acreage 120
(*Cubic Feet per Second) (**Gallons per Minute) (***) Acre Feet - storage capacity of dam/dugout or annual use if applicable
- Source of water supply underground well
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
1- well in NE1/4 SW 1/4 section 5-T93N-R60W
County Bon Homme
- County or counties where water will be used Bon Homme
- Annual period during which water is to be used April 1st - Oct. 31st
- 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 SW 1/4	33.2		
SE 1/4 SW 1/4 All in Sec 5-	20		
NW 1/4 SW 1/4 T93N-R60W	33		
NE 1/4 SW 1/4	32.6		

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

drilling well for irrigation

STATE OF SOUTH DAKOTA) SS
County of Bon Homme

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, Daniel Schuurmans, 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 [Signature]

Subscribed and sworn to before me this 5th day of December 20 03

[Signature]

Notary Public signature

**SOUTH DAKOTA
WATER PERMIT NO. 6454-3**

Date of first receipt of application December 10, 2003.

Date of return to applicant for corrections, amendments or changes December 10, 2003.

Date of receipt of corrected application December 15, 2003.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6454-3 to Daniel Schuurmans, 30434 412th Ave, Tyndall SD 57066 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. 6454-3 appropriates 1.71 cubic feet of water per second from one well (Choteau: Tyndall Aquifer) 189 feet deep located in the NE ¼ SW ¼ Section 5 to irrigate 120 acres located in the SW ¼ Section 5; all in T93N-R60W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 – October 31.
3. The date from which applicant may claim right is December 10, 2003.
4. The date of approval of Permit No. 6454-3 is February 23, 2004.
5. One-fifth of the construction is to be completed on or before August 23, 2006.
6. All construction is to be completed on or before February 23, 2009.
7. Water is to be put to beneficial use on or before February 23, 2013.
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 well authorized by Permit No. 6454-3 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

FEB 27 2004

date



Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 28" Depth 189
- b) Casing Type PVC Diameter 16" Thickness 5/8"
- c) Screen Type mill slot Diameter 16" Thickness 5/8"
- d) Gravel Pack Pea Rock Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material 100'
- f) Depth to Water (ground surface to water level) 80'
- g) Distance to nearest existing domestic well:
On applicants property 2000' On property owned by others 400'

2. Wastewater Disposal System Information

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

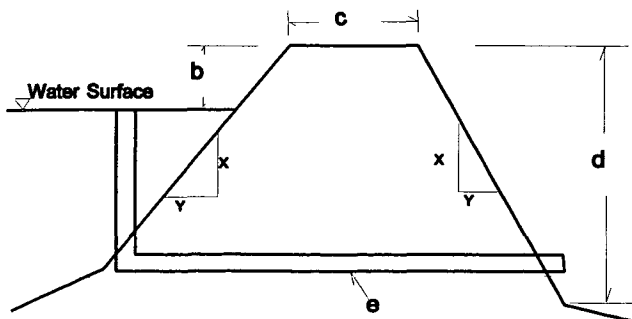
3. Dugout Information

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

4. Water Storage Dams

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

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



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

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date December 10, 2003

RECEIVED OF Daniel Schuurmans, 30434 412th Ave, Tyndall SD 57066-5913

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

Fee for Application for Permit No. <u>6454-3</u> to Appropriate Water, to construct and to put water to beneficial use	225	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>6454-3</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	275.00

No. **000950**

By Daniel Schuurmans
Chief Engineer gm

MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP



SARGENT IRRIGATION CO.

NELIGH, NEBRASKA 68756

PHONE (402) 887-4112

TEST WELL LOG

TO: Don Schurman

DATE: 12-4-03

ADDRESS: Springview S.D. Tyndall S.D.

TEST LOG NO.: 03-232

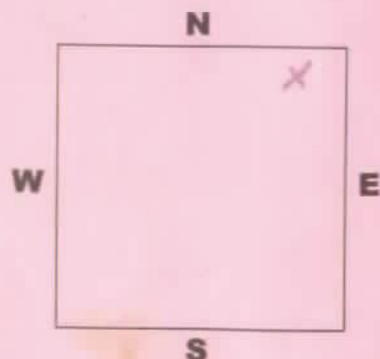
LEGAL: Subd 5-93-60W

0	20	Top soil - clay (3' Rock)
20	40	clay
40	60	16" clay 2' fine gravel w/ clay 2' clay
60	80	14 clay 6' sand - f. gravel w/ clay layers.
80	100	medium-coarse sand w/ little fine gravel & clay layers.
100	120	fine-medium sand w/ clay streaks (little coarse sand)
120	140	fine-medium sand w/ clay streaks
140	160	15' fine-medium sand w/ clay layers 5' med-coarse sand
160	180	8' fine-med sand / little coarse sand 3' clay 9' sand w/ f. gravel
180	200	9' fine pepper sand (189' Rock) 3' shale
200	220	
220	240	
240	260	
260	280	
280	300	
300	320	
320	340	
340	360	
360	380	
380	400	
400	420	
420	440	
440	460	
460	480	
480	500	
500	520	
520	540	
540	560	

1394'

W 92°54'04.6"

WD 97°57'39.6"





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

December 10, 2003

Daniel Schuurmans
30434 412th Ave
Tyndall SD 57066

RECEIVED
DEC 15 2003
WATER RIGHTS
PROGRAM

Dear Mr. Schuurmans:

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 aerial photo map submitted with the application. On the map, please outline the 120 acres you intend to irrigate.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352

enclosure

REPORT ON WATER PERMIT APPLICATION NO. 6454-3
For Daniel Schuurmans
January 21, 2004

Application No. 6454-3 proposes to appropriate 1.71 cfs (770 gpm) from one well approximately 189 feet deep located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of section 5 to irrigate 120 acres located in the SW $\frac{1}{4}$ of section 5; all in T93N R60W in Bon Homme County.

AQUIFER – CHOTEAU TYNDALL (CH-T)

The Choteau Tyndall is a buried outwash (sand and gravel) that is under predominantly water table conditions in this area but can be under artesian conditions elsewhere in the county. The aquifer underlies 31,300 acres and contains an estimated 140,850 acre-feet of recoverable water in storage in Bon Homme County (Hedges, 1982). The aquifer extends into Yankton and Hutchinson Counties to the east and north (where it is called the Lower James Missouri Scotland aquifer). Ground water movement is from north to south across the area where this application is located (Jorgensen, 1971). The Choteau Tyndall is hydraulically connected to the Niobrara aquifer in the subsurface and also to Emmanuel Creek at least in some localized areas (Jorgensen, 1971). The Choteau Tyndall aquifer discharges into Emmanuel Creek along the lower reaches of the creek just above the town of Springfield.

Test well information filed with the application by Sargent Irrigation Co. indicates sand beginning about 80 feet and continuing to a depth of about 189 feet below land surface. The driller's log also indicates some clay layers are prevalent throughout the sequence and some gravel layers near the bottom of the drill hole. No water level or test pumping data is provided on the log.

The Water Rights Program monitors two observation wells, BH-76D and BH-78E, that are located about one mile northeast and one-half mile southwest of the proposed diversion point for this application, respectively. Water levels for these observation wells show good response to climatic conditions, that is, rising water levels during wet years (recharge) and gradually declining water levels during dry years. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2004). Hydrographs for these two observation wells are included with this report.

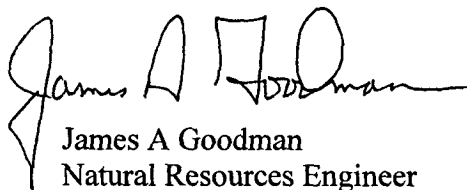
REVIEW OF EXISTING WATER PERMIT/RIGHTS

There are four existing water rights/permits within a one mile radius of this application. The wells for water right No. 3576-3 (1 well, irrigation of 155 acres, 2.0 cfs), water right No. 3581-3 (1 well, irrigation of 126 acres, 1.78 cfs) and water right No. 5286-3 (2 wells, irrigation of 111 acres, 1.42 cfs) are located about 2,600 feet northwest, about 1,100 feet southeast, and about 5,000 feet and 5,800 feet southwest of the well for this application. Also, the well for water permit No. 6413-3 is located about 1,900 feet northeast of the well for this application. This puts the location for this proposed well within 2,600 feet

of three irrigation wells completed into the same aquifer. Interference will occur. However, this is not expected to be adverse. Existing pumping does not appear to cause significant water level fluctuations in the observation wells. If at all possible, this irrigation well should be moved to the center of the SW $\frac{1}{4}$ of section 5 to minimize any potential impacts of pumping.

CONCLUSIONS

1. Water is available from the Choteau Tyndall aquifer.
2. The aquifer is under water table conditions in this area. Pumping apparently does not create significant drawdown. This is shown by the observation well hydrographs. Interference will occur but is not expected to be adverse nor impact the availability of water from the aquifer.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.
4. If possible, the location of this well should be moved to the center of the SW $\frac{1}{4}$ of section 5 to minimize potential interference.



James A Goodman
Natural Resources Engineer

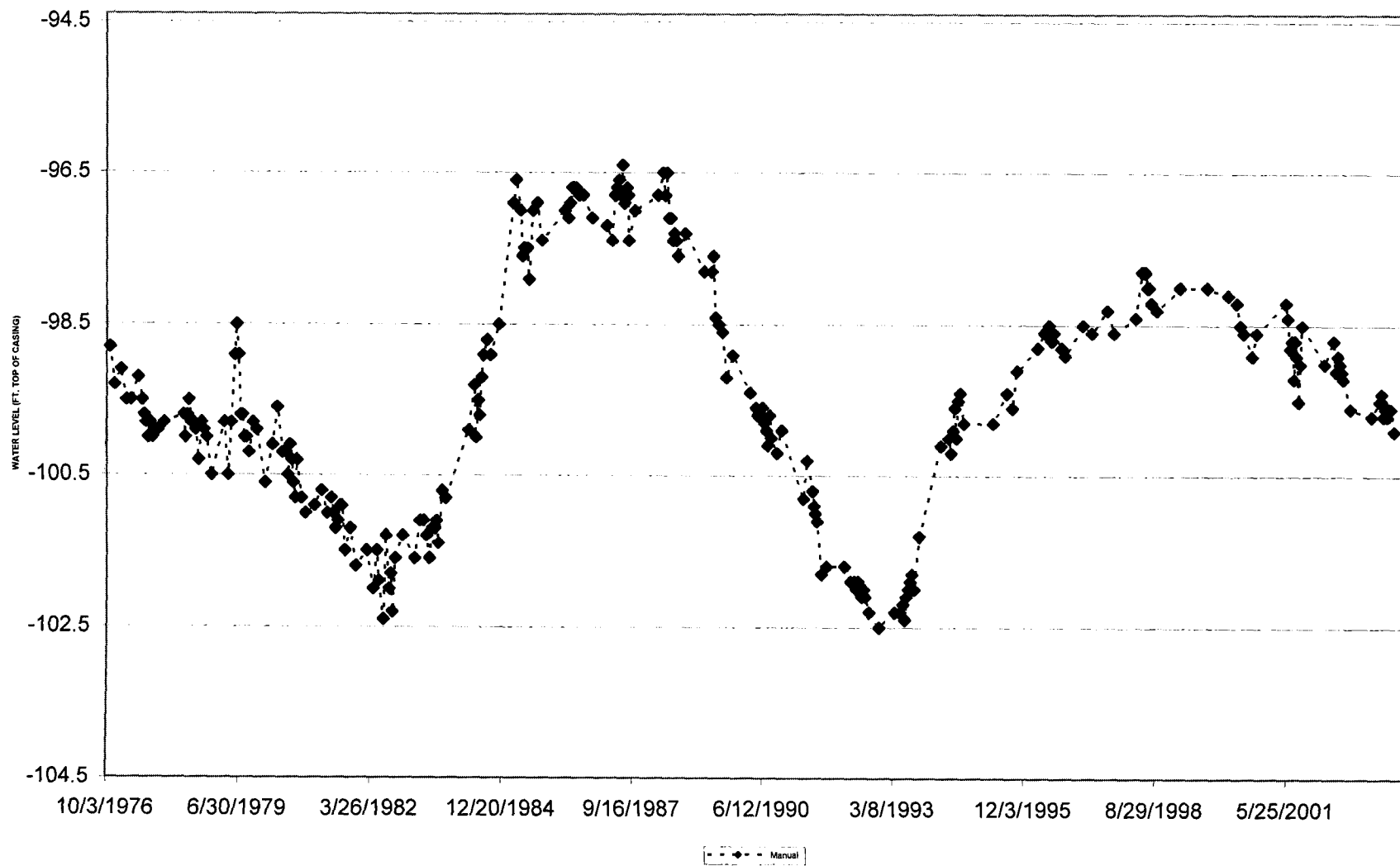
BIBLIOGRAPHY

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

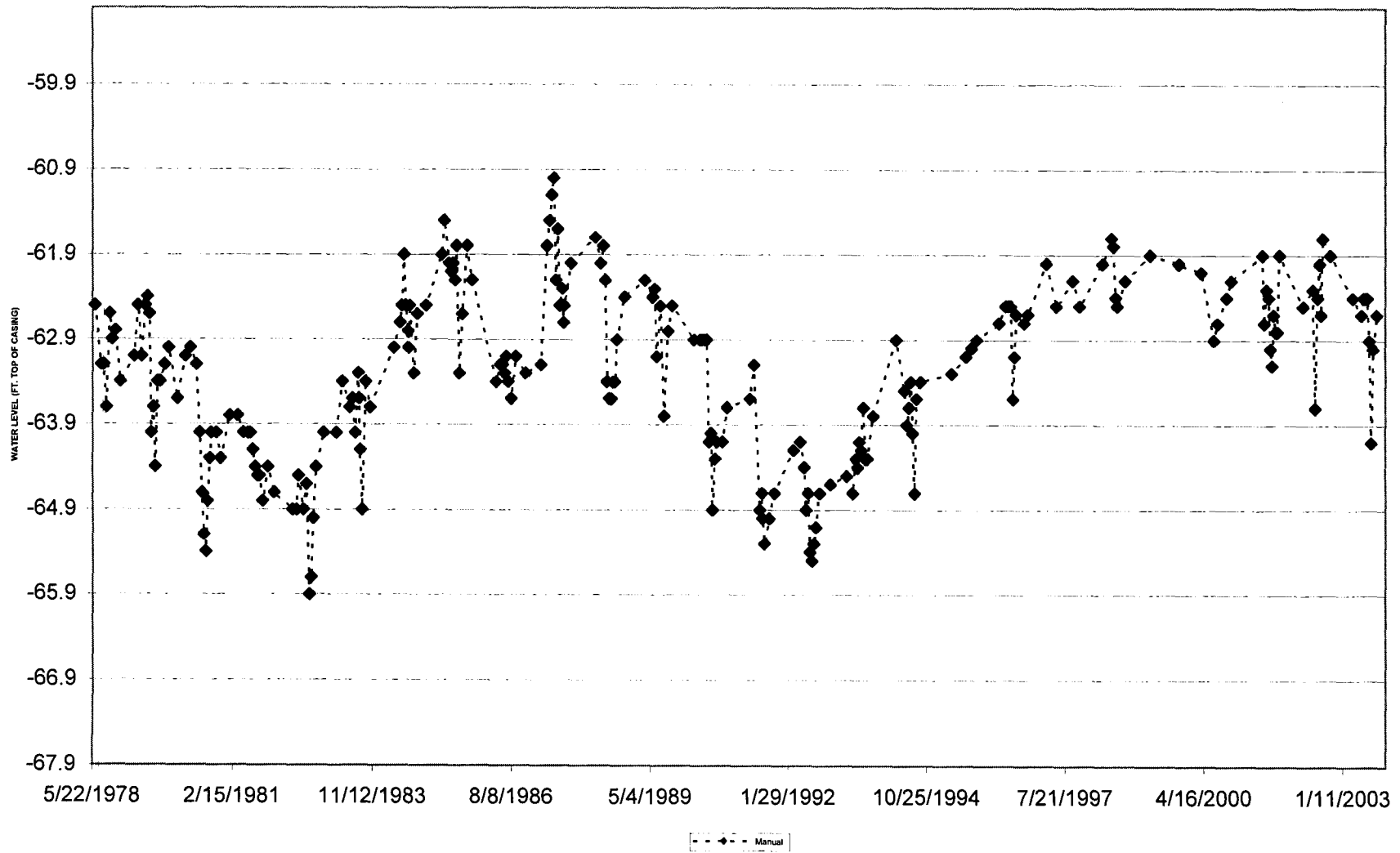
Jorgensen, D.G., 1971, Geology and Water Resources of Bon Homme County, South Dakota, Bulletin 21, Part II : Water Resources, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 2004, Unpublished Observation Well Data for Bon Homme County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

**WATER RIGHTS' OBSERVATION WELL
BH-76D**



**WATER RIGHTS' OBSERVATION WELL
BH-78E**





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6454-3, Daniel Schuurmans**

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. 6454-3, Daniel Schuurmans, 30434 412th Avenue, Tyndall SD 57066.

The Chief Engineer is recommending APPROVAL of Application No. 6454-3 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 well authorized by Permit No. 6454-3 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
January 29, 2004

Affidavit of Publication

State of South Dakota }
County of Bon Homme } SS

Rebecca Tyer Being first duly sworn
says that the **Tyndall Tribune & Register** is a legal
weekly newspaper for publication of legal and other official
notices as required by Chapter 298 of the Session
Laws of South Dakota, 1939; that it has bona fide paid
circulation of more than two hundred copies weekly;
that it is published in English language in the City of
Tyndall, Bon Homme County, South Dakota, and has
been admitted to the United States mail under second
class mailing privilege for more than one year prior to
the first publication of the notice herein mentioned, and
that it is printed in an office maintained at the place of
publication at Tyndall, South Dakota, and that deponent
is the publisher in charge of the advertising department
of said newspaper; that the advertisement headed

Notice of Application
58 e 34.5+80% x 1

a printed copy of which is hereto attached, was printed
and published in said newspaper for *two* successive
weeks, upon the following dates:

<i>Feb. 4</i>	20 <i>04</i>	20
<i>Feb. 11</i>	20	20
	20	20
	20	20

That the full amount of the fee charged for the publica-
tion of said notice, *36.02*, inures to the benefit
of the publisher of said newspaper, that no agreement or
understanding for the division thereof has been made
with any other person, and that no part has been agreed
to be paid to any person whomsoever.

Rebecca Tyer publisher

Subscribed and sworn to before me this

11th day of *Feb* 2004

Peggy Schelske
NOTARY PUBLIC
SOUTH DAKOTA

Notary Public, South Dakota

My commission expires *Oct. 24, 2009*

RECEIVED
FEB 17 2004
WATER RIGHTS
PROGRAM

RECEIVED
FEB 1 2004
WATER RIGHTS
PROGRAM

NOTICE OF APPLICATION

NO. 6454-3 to Appropriate Water

Notice is given that Daniel Schuurmans, 30434 412th Ave, Tyndall SD 57066 has filed an application for a water permit to appropriate 1.71 cubic feet of water per second from one well (Choteau: Tyndall Aquifer) 189 feet deep located in the NE1/4 SW1/4 Section 5 to irrigate 120 acres located in the SW1/4 Section 5; all in T93NR60W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6454-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by February 23, 2004.

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. Pimer, Secretary, Department of Environment and Natural Resources. (Feb. 4 & 11)

Instruction to Newspaper - Publish first Notice on February 4, 2004 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6454-3 to Appropriate Water

Notice is given that Daniel Schuurmans, 30434 412th Ave, Tyndall SD 57066 has filed an application for a water permit to appropriate 1.71 cubic feet of water per second from one well (Choteau: Tyndall Aquifer) 189 feet deep located in the NE ¼ SW ¼ Section 5 to irrigate 120 acres located in the SW ¼ Section 5; all in T93N-R60W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6454-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

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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

January 29, 2004

Tyndall Tribune & Register
PO Box 520
Tyndall SD 57066-0520

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6454-3 to Appropriate Water to be published twice. Please publish the first notice on February 4, 2004 with the second publication 7 days later.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Daniel Schuurmans, 30434 412th Ave., Tyndall SD (Ph # 605-589-3811).

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-----

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

No. 6454-3

Date _____

We are in receipt of your letter of January 29, 2004 enclosing Notice of Hearing to Appropriate Water by Application No. 6454-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

www.state.sd.us/denr

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

January 29, 2004

Daniel Schuurmans
30434 412th Ave
Tyndall SD 57066

Dear Mr. Schuurmans:

Water Permit Application No. 6454-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Tyndall Tribune printed at Tyndall, SD (Ph # 605-589-3242). 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 a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

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

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's 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.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

FEB 27 2004

Daniel Schuurmans
30434 412th Ave
Tyndall SD 57066

Dear Mr. Schuurmans:

Enclosed is Water Permit No. 6454-3 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

6454-3

Water Rights Program - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Water Permit No. 6454-3, Daniel Schuurmans

ADDRESS: 30434 412th Ave, Tyndall SD 57066 COUNTY: Bon Homme

DATE: August 15, 2007 TELEPHONE:

RE: replacement of failed well

COMMENTS:

Mr. Schuurmans had previously called regarding needing to replace the well authorized by Permit No. 6454-3. The case collapsed in this well drilled for this permit that was approved in February 2004. A new well has been drilled for within a few feet of the old well.

Mr. Schuurmans submitted the well completion report and note regarding the replacement well. The well is in the same quarter-quarter section and the permit is within the period to complete construction, therefore, no additional permitting or authorization pursuant to SDCL 46-5-13.1 is necessary.

NAME: Eric Hurlum

The well Sargent Irrigation drilled
in 2004 failed and we drilled another
well in the same $\frac{1}{4}$ of the same $\frac{1}{4}$.
This was done in 2007.

Daniel Schummers
30434 412th Ave
Tyndall SD 57066



RECEIVED

AUG 15 2007

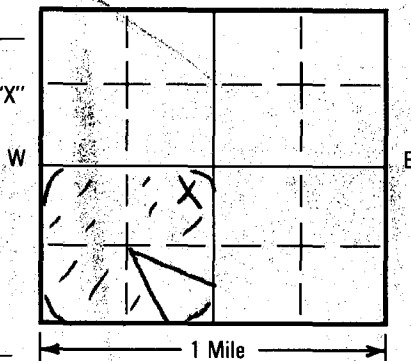
WATER RIGHTS
PROGRAM

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 5 Twp 93 Rg 60
County Bon Homme

Please mark well location with an "X"



Well Completion Date

5/17/2004

LOCATION:

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

PROPOSED USE:

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

METHOD OF DRILLING:

Reverse Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>37</u> LB/FT	<u>16</u> IN	<u>0</u> FT	<u>130</u> FT	<u>30</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Bentonite</u>	_____	<u>12-16</u> lb./gal	<u>20</u> ft.	<u>130</u> ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure TremmieSCREEN: ☒ Perforated pipe ☐ ManufacturedDiameter 16 IN Length 60 FEETMaterial 26 SDR PVC CasingSlot Size .085 Set From 130 Feet to 190 FeetOther information GravelWAS A PACKER OR SEAL USED? ☒ YES ☐ NOIf so, what material? ConcreteDescribe packer(s) and location? 20' to Surface

DISINFECTION: Was well disinfected upon completion?

☒ YES, How: HTH

____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: Dan Schuurmans

Business Name: _____

Address: 30434 412 Ave.Tyndall, SD 67066

WELL LOG:

		FORMATION		DEPTH	
				FROM	TO
0	to	20	Topsoil, clay (3' rock)		
20	to	40	Clay		
40	to	60	16' clay, 2' fine gravel w/ clay, 2' clay		
60	to	80	14' clay, 6' sand-fine gravel w/ clay layers		
80	to	100	Med crse sand w/ little fine grvl & cly layers		
100	to	120	Fine med sand w/ clay strks (little crse sand)		
120	to	140	Fine med sand w/ clay streaks		
140	to	160	15' fine med sand w/ cly layers, 5' med crse sand		
160	to	180	8' fine med sand/ little coarse sand, 3' clay, 9' sand w/ fine gravel		
180	to	192	9' fine peppersand (189' rock) 3' shale		

STATIC WATER LEVEL 98' Feet

If flowing: closed in pressure _____ PSI

GPM flow 400 through 6 inch pipeControlled by ☐ Valve ☐ Reducers ☒ Other Sprinkler

Reduced Flowrate _____ GPM

Can well be completely shut in? Yes

WELL TEST DATA:

☒ Pumped Describe: _____☐ Bailed _____☐ Other _____

Pumping Level Below Land Surface

151 ft. After 1 Hrs. pumped 370 GPM174 ft. After 1 Hrs. pumped 500 GPMIf pump installed, pump rate 400 GPM

REMARKS

RECEIVED

AUG 15 2007

WATER RIGHTS
PROGRAMThis well was drilled under license # 273

And this report is true and accurate.

Drilling firm Sargent Irrigation Co.

Signature of License Representative:

Dale Schuurmans

Signature of Well Owner or Equitable Property Holder:

Dan SchuurmansDate: 8-13-07



6454-3
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: DANIEL SCHUURMANS, 30434 412TH AVE, TYNDALL, SD 57006
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(s) has not been submitted for Permit No(s) 6454-3. 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(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 6454-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

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. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6454-3 in accordance with applicable provisions of SDCL 46-1-12;
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.pdf>

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.

6454-3

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Track & Confirm

Search Results

Label/Receipt Number: 2303 2160 0000 0802 7392
Status: **Delivered**

Your item was delivered at 12:26 PM on January 24, 2009 in TYNDALL, SD 57066. The item was signed for by D SCHUURMANS.

Track & Confirm

Enter Label/Receipt Number.

Notification Options

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

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No FEAR Act EEO Data

FOIA

U.S. Postal Service Signature Confirmation

SIGNATURE CONFIRMATION NUMBER: 2303 2160 0000 0802 7392

DANIEL SCHUURMANS
30434 412TH AVE
TYNDALL SD 57006

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**

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www.state.sd.us/denr

January 28, 2009

6454-3

Daniel Schuurmans
30434 412th Ave
Tyndall SD 57006

Dear Mr. Schuurmans:

I am writing to acknowledge receipt of your 2008 irrigation questionnaire. You may disregard the January 23, 2009, "Notice" concerning reporting requirements for Water Permit No. 6454-3.

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



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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<http://denr.sd.gov>

6454-3

August 4, 2014

Dan Schuurmans
30434 412th Avenue
Tyndall SD 57006

Dear Mr. Schuurmans:

I am writing to follow up on our August 4, 2014, phone conversation concerning overspray from your pivot located in the SW1/4 section 5-T93N-R60W.

According to the email with picture attachment received from the Bon Homme County Highway Department, the pivot's endgun stop was not operational on July 28, 2014. The picture shows water from the endgun spraying on to the road. You indicated that you recently switched over to be able to control the pivot from a smart phone. In the process there were a few problems including the serviceman disabling your ability to manually operate the stops. You indicated the stops are now operational and the pivot is currently coming around in its rotation near the road. You are watching to precisely set when the endgun stops should activate. Thank you for doing that and getting the matter resolved as quickly as possible.

I am also enclosing a copy of a press release the Department of Environment and Natural Resources recently sent to the media concerning overspray.

If you have any questions, please contact me at (605) 773-3352 or by email at eric.gronlund@state.sd.us.

Thanks again for your cooperation.

Sincerely,

Eric Gronlund
Water Rights Program, SD DENR

enclosure

DENR Reminds Irrigators to Avoid Overspray

FOR IMMEDIATE RELEASE: Thursday, July 24, 2014

FOR MORE INFORMATION: Kim Smith, (605) 773-3152

PIERRE, S.D. – The Department of Environment and Natural Resources (DENR) reminds irrigators to check their center pivots to ensure they are operating properly and are adjusted to spray only upon land authorized for irrigation by their water permit.

"It is important that irrigators do everything they can to avoid overspraying onto nearby roads or neighboring properties," said DENR Secretary Steve Pirner. "Irrigation overspray can damage roadways, lead to unsafe driving conditions and impact neighbors."

A water right holder is not allowed to waste water or operate an irrigation system in violation of state water law, which includes spraying water on land not covered by the water permit.

Irrigation systems and especially end guns must be constantly monitored to make sure they are not applying water where it is not allowed. Irrigators who fail to prevent overspray can be subject to fines or required to appear before the Water Management Board for possible suspension of their right to irrigate.

South Dakota has nearly 5,300 active irrigation permits authorizing irrigation of up to 879,000 acres.

Gronlund, Eric

From: Smith, Kim
Sent: Monday, August 04, 2014 7:10 AM
To: Gronlund, Eric
Cc: Duvall, Ron; Goodman, Jeanne
Subject: FW: D. Schuurmans irrigation
Attachments: D. Schuurmans - Irrigation.jpg

A follow-up to the earlier photo sent from Bon Homme County.

-----Original Message-----

From: bhcohwy@hcinet.net [mailto:bhcohwy@hcinet.net]
Sent: Friday, August 01, 2014 3:52 PM
To: Smith, Kim
Subject: D. Schuurmans irrigation

Good afternoon Kim!

I believe Dennis may have already emailed you a picture of the irrigation by Dan Schuurmans, but wanted to send it again just in case!

The date and time are included on the picture as well as the name and location.

If you have any questions regarding this issue, please call Dennis at (605) 464-1129.

Thanks and have a great weekend!

Amanda Larson
Bon Homme County
Highway Department

A gravel road stretches from the foreground into the distance, flanked by green grass. In the background, a large metal silo and a line of trees are visible under a blue sky with scattered clouds. The scene is captured in a wide-angle shot, emphasizing the openness of the rural landscape.

D. Schuurmans
Section 5, SW 1/4
Springfield township

2014/7/28 18:49



6454-3
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January 20, 2017

NOTICE

TO: DANIEL SCHUURMANS, 30434 412TH AVE, TYNDALL, SD 57006

FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2016 Irrigation Questionnaire(s)

Our records indicate your 2016 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 6454-3 & 7662-3. The request for the Questionnaire was dated October 21, 2016. The Water Management Board has directed that owners of water permits who have not submitted the 2016 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 6454-3 & 7662-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **Wednesday, March 1, 2017 at 11:00 am (Central Time)** 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. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6454-3 & 7662-3 in accordance with applicable provisions of SDCL 46-1-12;
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 before the **March 1, 2017** hearing you will no longer be in violation of your permit and your name will be removed 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 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

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.



6454-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

February 6, 2017

6454-3
7662-3

Daniel Schuurmans
30434 412th Ave
Tyndall SD 57066

Dear Mr. Schuurmans:

I am writing to acknowledge receipt of your 2016 irrigation questionnaires.

You may disregard the January 20, 2017, "Notice" concerning reporting requirements for Water Permit Nos. 6454-3 and 7662-3. 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
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us



6454-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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<http://denr.sd.gov>

November 5, 2018

6454-3
7662-3

Daniel Schuurmans
31180 416th Ave
Springfield SD 57062

Dear Mr. Schuurmans:

Enclosed is a "Notice" dated October 30, 2018 concerning the 2018 irrigation questionnaires.

The notice was originally mailed to 30434 412th Ave., Tyndall SD. The post office notified us that your address has changed and I will update our records accordingly.

If you have any questions, please contact me.

Sincerely,


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

enclosures

**Report of Examination of Works and/or Application of Water to Beneficial Use
For Permit No. 6454-3**

I have this day, May 29, 2020, made a thorough examination of the water use system constructed by Daniel Schuurmans, 30434 412th Avenue, Tyndall, SD 57066, holder of Permit No. 6454-3, bearing the priority of December 10, 2003 authorizing the diversion of 1.71 cu. ft. per second of the waters of groundwater (Choteau: Tyndall Aquifer) for the irrigation of 120 acres, in Bon Homme County.

Inspection contact: Daniel Schuurmans

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Sargent Irrigation Co.
- 2) No. of Wells: 1
- 3) Depth: 190 feet
- 4) Well log is available: Yes

Casing:

- 1) Diameter: 16 inches
- 2) Length: 130 feet
- 3) Type: PVC

Screen:

- 1) Type: PVC
- 2) Length: 60 feet
- 3) Static water level: 98 feet

Pump:

- 1) Make: Sargent
- 2) Model: 10SC
- 3) Capacity: 575 GPM

Motor:

- 1) Make: US
- 2) Model No.: RU
- 3) Horsepower rating: 50 hp

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

- 1) Type: PVC
- 2) Size: 8 inches
- 3) Length: 1,570 feet

C. Works used to apply water to beneficial use:

Center

- 1) Make: Zimmatic
- 2) Overall length: 1,302 feet
- 3) Number of towers: 7
- 4) End gun: Yes
- 5) Capacity: 575 GPM

Chemigation Equipment:

- 1) Does chemigate: No

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Yes
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Yes
- 3) Exceptions to compliance are: None

E. Condition and Location:

1. The system is in good condition with the point(s) of diversion located as follows:
The well is 2,280 feet east and 2,600 feet north of the southwest corner of Section 5-T93N-R60W (Latitude 42.90141, Longitude -97.96220 – NE1/4 of the SW1/4).
2. The works are capable of diverting and conveying to the place of use 1.28 cu. ft. per second of water which is to be used for irrigation purposes. Water has been put to beneficial use to the maximum extent as follows: All in Section 5-T93N-R60W

<u>NW1/4SW1/4</u>	<u>32 acres</u>
<u>SW1/4SW1/4</u>	<u>32 acres</u>

<u>NE1/4SW1/4</u>	<u>32 acres</u>
<u>SE1/4SW1/4</u>	<u>20 acres</u>

comprising a total of 116 acres of land and the license should be issued for 1.28 cfs.

3. All structures, wells and lands on map Yes

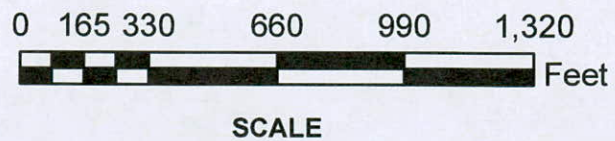
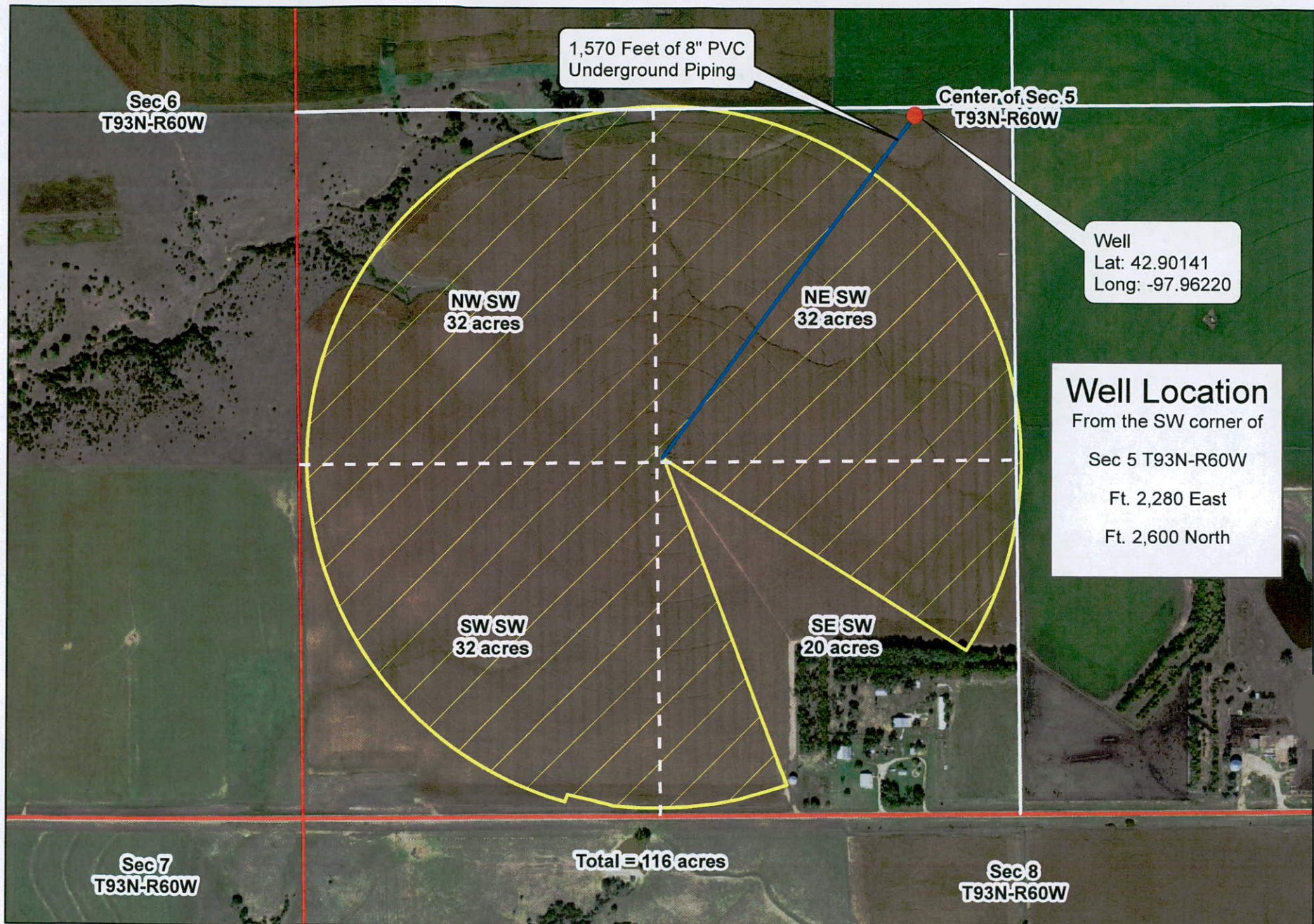
F. Comments or other permit(s) associated with the project: None

Keith DeJong

Keith DeJong
Water Rights Inspector
DENR, Water Rights Program

Date report completed: June 3, 2020

Water Right No. 6454-3



Keith DeJong
Keith DeJong, PE
Staff Engineer
June 3, 2020

6454-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

6454-3
7662-3

JUN 15 2020

Daniel Schuurmans
30434 412th Ave
Tyndall SD 57066

Dear Mr. Schuurmans:

Enclosed are Water License Nos. 6454-3 and 7662-3. These are the final water right documents completing your process of obtaining Water Rights. Included with each license is a map prepared by the staff engineer who conducted the field investigations.

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

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

Sincerely,

A handwritten signature in cursive script that reads "Eric Gronlund". The signature is written in dark ink and is positioned above the printed name and title.

Eric Gronlund, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 6454-3**

(1) Daniel Schuurmans, 30434 412th Ave., Tyndall SD 57066 made Application No. 6454-3, December 10, 2003 for a water permit to divert 1.71 cubic feet of water per second from ground water, one well (Choteau Tyndall Aquifer), Bon Homme County, South Dakota for irrigation purposes. Permit No. 6454-3, with a priority date of December 10, 2003 was approved February 23, 2004 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before February 23, 2009 and for the application to beneficial use of water on or before February 23, 2013.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the water supply system and is entitled to divert 1.28 cubic feet of water per second for beneficial use. The diversion point is located:

- 2,280'E and 2,600'N of the SW corner of Section 5, T93N, R60W (NE ¼ SW ¼)
Latitude 42.90141, Longitude -97.96220

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

T93N, R60W Section 5	NW ¼ SW ¼	32 acres
	SW ¼ SW ¼	32 acres
	NE ¼ SW ¼	32 acres
	SE ¼ SW ¼	20 acres
	Total	116 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Daniel Schuurmans, 30434 412th Ave., Tyndall SD 57066 the holder and/or owner of Water Right No. 6454-3 is issued a license to appropriate water, the right to use 1.28 cubic feet of water per second from ground water, one well (Choteau Tyndall Aquifer) with a priority date of December 10, 2003 from the location specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 6454-3 and subject to the following qualifications:

- The well approved under this water right will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this water right shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- The well authorized by Permit No. 6454-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28. ***The well was drilled in May, 2004 by Sargent Irrigation Company. A copy of the well completion report is on file with the Water Rights Program.***

continued

- This Water Right is approved subject to the irrigation water use questionnaire being submitted each year.

Eric Gronlund

Eric Gronlund, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUN 15 2020

date

