

WATER PERMIT NO. 7556-3

Name of Applicant: Tom Tveit

Address: 19930 Grey Goose Road, Pierre SD Phone: 605 224-7408

Amount of Water Claimed: 0.89 cfd Total Acres: 50 acres

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation County: Hughes

Type of Waste Disposal System:

Location: 8 miles north of Pierre

PRIORITY Date Received: 12-7-12 Application/License Fee: \$ 700

Corrected Application Received: 12/11/12 Period of Annual Use: April 1 – October 31

Remarks:

Diversion Point: SE 1/4 NW 1/4 Sec 21-T112N-
R79W

Land to be Irrigated: S 1/2 NW 1/4 Sec 21-T112N-
R79W

Depth of Well: 145 feet deep

Well Driller:

Remarks:

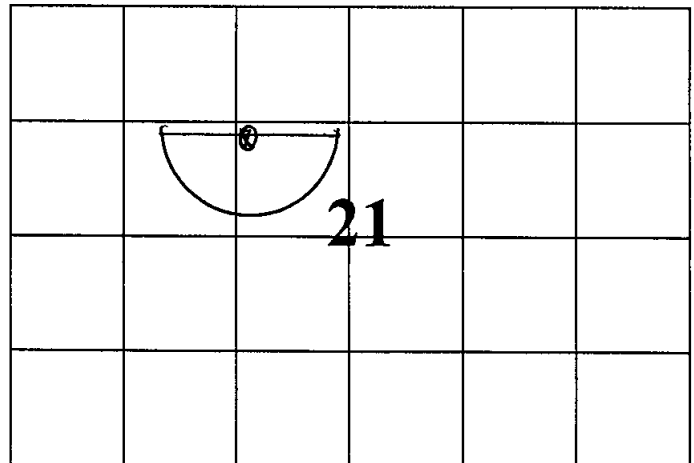
Type of Map: aerial

Prepared by:

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

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



FORM 2: Application for irrigation in South Dakota

(type or print)

Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>7556-3</u> (office use only)	Hydrologic Unit <u>10130125</u>
	Basin <u>Missouri River</u>	
	Newspaper <u>Capital Journal P.O. Box 878</u>	
	<u>Pierre SD 57501</u>	

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DEC - 7 2012
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.)

1. Name to Appear on Irrigation Permit Tom Tveit

(check one) ☒ Owner ☐ Tenant/lessee ☐ Owner's Legal Agent

(name and complete address if different than above name)

Mailing Address 19930 Grey Goose Road Pierre SD 57501
(Address) (City) (State) (Zip Code)

Home Phone 224-7408 Cell 280-1382 Email _____

2. Amount of water claimed 0.89*CFS or 400 **GPM _____ ***AF Total Acreage 50
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Groundwater

4. Location of point of diversion SE 1/4 NW 1/4 Section 21, T112N, R79W

(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

County Hughes

5. County or counties where water will be used Hughes

6. Annual period during which water is to be used April 1 - October 31

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
SW 1/4 NW 1/4 Section 21, T112N, R79W	15		
SE 1/4 NW 1/4 Section 21, T112N, R79W	35		

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

develop center pivot irrigation

I, [Signature], the applicant, certify that I have read this application, have examined the attached map, and that the matters stated are true.

SOUTH DAKOTA
WATER PERMIT NO. 7556-3

Date of first receipt of application December 7, 2012.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7556-3 to Tom Tveit, 19930 Grey Goose Road, Pierre SD 57501 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. 7556-3 appropriates 0.89 cubic feet of water per second (cfs) from one well to be completed into the Gray Goose Aquifer (145 feet deep) located in the SE 1/4 NW 1/4 Section 21 for irrigation of 50 acres located in the S 1/2 NW 1/4 Section 21; all in T112N-R79W.
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 7, 2012.
4. The date of approval of Permit No. 7556-3 is February 25, 2013.
5. One-fifth of the construction is to be completed on or before August 25, 2015.
6. All construction is to be completed on or before February 25, 2018.
7. Water is to be put to beneficial use on or before February 25, 2022.
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. 7556-3 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. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 7556-3 authorizes a maximum diversion rate of 0.89 cfs for the irrigation of 50 acres with an annual volume not to exceed 2 acre feet of water per acre per year.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

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

APR 12 2013

date





1,400 700 0 1,400 Feet



Eric Gronlund 12/10/12
Eric Gronlund
Water Rights Program, DENR
based on representation by Tom Tveit
on December 7, 2012

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 12/11, 20 12

RECEIVED OF Tom Tveit 19930 Grey Goose Rd Pierre SD 57501

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

Fee for Application for Permit No. <u>7556-3</u> to Appropriate Water, to construct and to put water to beneficial use	500	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>7556-3</u>	200	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	700 00

No. 05754

By [Signature]
Chief Engineer

December 7, 2012

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WATER RIGHTS
PROGRAM

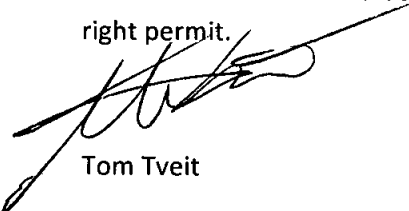
Chief Engineer

Water Rights Program, DENR

523 E Capitol Avenue

Pierre SD 57501

I am requesting to drill a test well. The well will be located in the SE ¼ NW ¼ Section 21, T112N, R79W and be approximately 145 feet deep. Once the water right permit is in place, I intend to irrigate using this well. I understand that authorization of a test well does not guarantee that I will obtain a water right permit.



Tom Tveit

19930 Grey Goose Road

Pierre SD 57501



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

denr.sd.gov

December 11, 2012

Tom Tveit
19930 Grey Goose Road
Pierre, SD 57501

Dear Mr. Tveit:

As requested, pursuant to South Dakota Well Construction Standard 74:02:04:21, you are authorized to have a licensed well driller construct a test well approximately 145 feet deep into the Grey Goose aquifer prior to approval of a water permit. The test well will be located in the SE ¼ NW ¼ Section 21-T112N-R79W. All test wells 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 issuance of a water permit. Following review of a Water Permit Application; and assessing the availability of water, the potential impacts to existing users, the beneficial use, and the public interest of a permit, the Chief Engineer will make a recommendation to the Water Management Board regarding the application. The recommendation to approve, deny, or defer the application will be publicly noticed and an opportunity afforded for the public to intervene. A public hearing may be required to consider the water permit.

Very truly yours,

For GARLAND ERBELE, Chief Engineer
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
denr.sd.gov

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7556-3, Tom Tveit**

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. 7556-3, Tom Tveit, 19930 Grey Goose Road, Pierre SD 57501.

The Chief Engineer is recommending APPROVAL of Application No. 7556-3 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. 7556-3 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. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 7556-3 authorizes a maximum diversion rate of 0.89 cfs for the irrigation of 50 acres with an annual volume not to exceed 2 acre feet of water per acre per year.
4. 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
February 4, 2013

REPORT TO THE CHIEF ENGINEER
ON
WATER PERMIT APPLICATION NO. 7556-3
TOM TVEIT
FEBRUARY 04, 2013

Water Permit Application No. 7556-3 proposes to appropriate up to 100 acre-feet of water annually (ac-ft/yr) at a maximum diversion rate of 0.89 cubic feet of water per second (cfs) from one well to be completed into the Gray Goose aquifer. The well is expected to be approximately 145 feet deep and is to be located in the SE ¼ NW ¼ Section 21 for the irrigation of 50 acres located in the S ½ NW ¼ Section 21; all in T112N-R79W in Hughes County. The diversion rate requested is in excess of the statutory limit.

AQUIFER: Gray Goose aquifer (GG)

GEOLOGY AND AQUIFER CHARACTERISTICS:

Test hole information was not submitted with this permit application. However, sufficient data is available through well completion reports (Water Rights, 2013c), water right/permit files (Water Rights, 2013b), and SD DENR-Geological Survey test holes logs (SDGS, 2013) to evaluate this application. The Gray Goose aquifer is mostly a buried deposit of outwash (sand and gravel) that partly fills a broad, irregular river channel that was carved into shale bedrock (Hamilton, 1986). The aquifer is primarily unconfined, with a depth to water ranging from approximately 15 feet below grade in the northwest to approximately 250 below grade in the east (Hamilton, 1986). The aquifer underlies approximately 110 square miles (70,400 acres) and contains an estimated 560,000 ac-ft of water in storage (Hamilton, 1986). The average thickness of the aquifer is 40 feet with a depth to the aquifer material ranging from ground surface to approximately 230 feet below grade (Hamilton, 1986). A test hole was drilled for the applicant in 2011 near the proposed well site. The test hole log identified aquifer material from 85 feet to 142 feet below grade.

SDCL 46-2A-9

Pursuant to SDCL 46-2A-9, a permit to appropriate water may be issued only if there is a reasonable probability that there is unappropriated water available for the applicant's proposed use, that the proposed diversion can be developed without unlawful impairment of existing rights and that the proposed use is a beneficial use and in the public interest. This report will address the availability of unappropriated water and effects on existing rights from the aquifer that are pertinent to this application.

WATER AVAILABILITY:

This application proposes to appropriate up to 100 ac-ft/yr from the Gray Goose aquifer. If this application is approved, the actual water use will likely be less than the appropriation. The probability of unappropriated water being available from an aquifer can be evaluated by considering SDCL 46-6-3.1, which requires "No application to appropriate groundwater may be approved if, according to the best information reasonably available, it is probable the quantity of water withdrawn annually from a groundwater source will exceed the quantity of the average estimated annual recharge of the water to the groundwater source."

Hydrologic Budget:

Recharge:

Recharge to the Gray Goose aquifer is by infiltration of precipitation and flow from Lake Oahe when the level of the lake is above the potentiometric surface of the aquifer (Hamilton, 1986). Hedges and others (1985) estimated a recharge rate for the Gray Goose aquifer of 3.2 inches per year (in/yr) (18,733 ac-ft/yr). Hamilton (1986) estimated recharge based on discharge calculations for 1981 assuming no change in storage to be 0.3 in/yr. That means that based on discharge, recharge to the aquifer must be at least 0.3 in/yr.

Discharge:

Discharge from the Gray Goose aquifer is: (1) through evapotranspiration in the valley of Medicine Knoll Creek (Hamilton, 1986), (2) flow to Lake Oahe when lake levels are lower than the potentiometric surface of the aquifer, and (3) through well withdrawals. There are a number of reports on file with the DENR-Water Rights Program for domestic wells completed into the Gray Goose aquifer (Water Rights, 2013c), and there are 16 water rights/permits appropriating water from the aquifer (Water Rights, 2013b). Most of the appropriations from the aquifer are for irrigation. Table 1 shows the appropriations from the Gray Goose aquifer.

PERMIT NO.	NAME	STATUS	TYPE	CFS	ACRES
1621-3	Marvin Schumacher	LC	IRR	1.85	130
1987A-3	Marvin Schumacher	LC	IRR	0.97	68
1987B-3	Jim Schumacher	LC	IRR	2.11	148
2488-3A	Jim Schumacher	LC	IRR	1.56	127
3354-3	James F. Schumacher	LC	IRR	1.78	136
4500-3	Jim Schumacher	LC	IRR	1.78	132
4521-3	Thomas/Mary Tveit	LC	IRR	3.56	252
4580-3	Marvin Schumacher	LC	IRR	3.56	264
4580A-3	The Maschhoffs LLC	LC	COM, LCO	0.17	
4917-3	Tom Olson	LC	COM	0.07	
5943-3	Cow Creek Estates	PE	COM	0.055	
6281-3*	Dakota Value Capture Co	PE	COM, IND	2.22	
6732-3	Oahe Speedway LLC	PE	IRR	0.067	30
7251-3	Marvin Schumacher	PE	IRR	1.78	120
7380-3	Jonathon Hofer	PE	IRR	0.22	60
7396-3	Oahe Speedway LLC	PE	IRR	0.27	6
LC= Water Right, PE= Water Permit, IRR = Irrigation, COM= Commercial, IND= Industrial, LCO= Livestock Confinement Operation, *= May be subject to cancelation due to non-construction					

Table 1- Water rights/permits authorizing well withdrawals from the Gray Goose aquifer (Water Rights, 2013b)

The amount of water that can be expected to be withdrawn through water rights/permits authorizing water use for non-irrigation purposes at the current appropriation level can be estimated by assuming: 1) water rights/permits limited by an annual volume will pump the entire volume appropriated, 2) water rights/permits limited only by diversion rate will pump at the maximum permitted diversion rate 60 percent of the time, and 3) future use permits can be fully developed. Estimated average annual non-irrigation withdrawal from the Gray Goose aquifer is shown in table 2. Table 3 shows the annual irrigation water use from the aquifer. Note that Water Permit No. 6281-3 may be subject to cancellation due to non-construction, and

therefore, the estimated average annual water use by non-irrigation appropriations may be much less than the total shown in table 2.

Permit No.	CFS	Estimated Average Annual Use
4580A-3	0.17	73.84
4917-3	0.07	30.41
5943-3	0.055	23.89
6281-3*	2.22	964.32
	Total	1092.47

Table 2- Estimated annual water use from the Gray Goose aquifer by non-irrigation appropriations (Water Rights, 2013b)

YEAR	NO. OF PERMITS REPORTING	APPROPRIATION (AC-FT/YR)	PUMPAGE REPORTED (AC-FT/YR)
2011	11	3455	1863.46
2010	9	3572	924.83
2009	9	3572	1393.48
2008	9	3572	960.00
2007	9	3572	1111.62
2006	7	3480	1044.59
2005	7	3480	675.80
2004	7	3480	818.14
2003	8	4305.3	1101.04
2002	8	4305.3	779.70
2001	8	4305.3	885.95
2000	8	4305.3	1006.91
1999	8	4305.3	1026.43
1998	8	5093.3	1528.82
1997	8	5093.3	1610.00
1996	8	5093.3	1591.56
1995	8	4680.65	2171.75
1994	8	4680.65	1033.10
1993	8	4737.65	1585.00
1992	8	4737.65	1307.00
1991	8	4737.65	2280.60
1990	7	4325	2165.00
1989	7	4325	2132.00
1988	7	4325	2392.10
1987	7	4325	1868.00
1986	7	4325	922.00
1985	7	4325	1792.00
1984	7	4325	1620.00
1983	7	4325	1650.48
1982	7	4625	1608.37
1981	9	4349	1127.00
1980	6	2805	1199.00
1979	7	2805	606.48
Average	7.79	4174.17	1387.34
Maximum	11	5093.3	2392.1
Minimum	6	2805	606.48

Table 3- Historical irrigation water use from the Gray Goose aquifer (Water Rights, 1979-2012)

Average estimated annual water use is much less than estimated annual recharge. Therefore, there is a reasonable probability that unappropriated water is available for this proposed appropriation.

Observation Well Data:

Administrative Rule of South Dakota Section 74:02:05:07 requires that “the Water Management Board shall rely upon the record of observation well measurements to determine that the quantity of water withdrawn annually from the aquifer does not exceed the estimated average annual recharge of the aquifer.”

The DENR-Water Rights Program monitors eight observation wells completed into the Gray Goose aquifer (Water Rights, 2013a). The nearest observation wells are shown in table 4. The hydrographs for the observation wells are shown in figures 1, 2, 3, and 4. Water levels in the observation wells show good response to climatic conditions. The water levels rise (recharge) during wet years and gradually decline during dry years. The hydrographs show the effects of pumping, but it does not appear to be significant over the period of record. The climatic effects on water levels mask the temporal impacts of well withdrawal. In general, the water level of the aquifer has risen over the period of record. Therefore, the hydrographs document that unappropriated water is available from the Gray Goose aquifer for this proposed appropriation.

Name	Distance	Figure
HU-80C	0.3 northwest	1
HU-81D	1.8 northeast	2
HU-80B	2.3 west-northwest	3
HU-80A	4.4 west-northwest	4

Table 4- Nearby observation wells completed into the Gray Goose aquifer (Water Rights, 2013a)

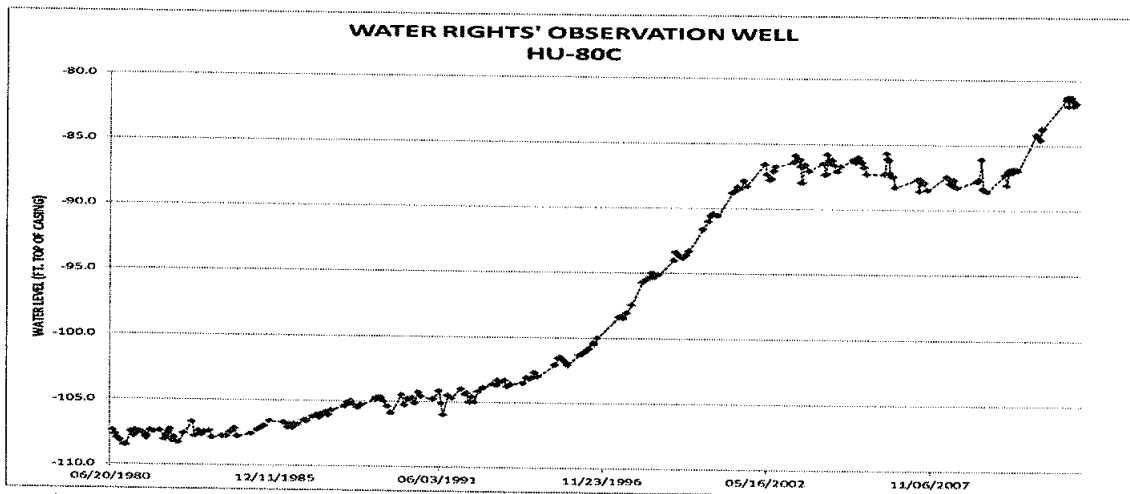


Figure 1- Hydrograph for observation well HU-80C (Water Rights, 2013a)

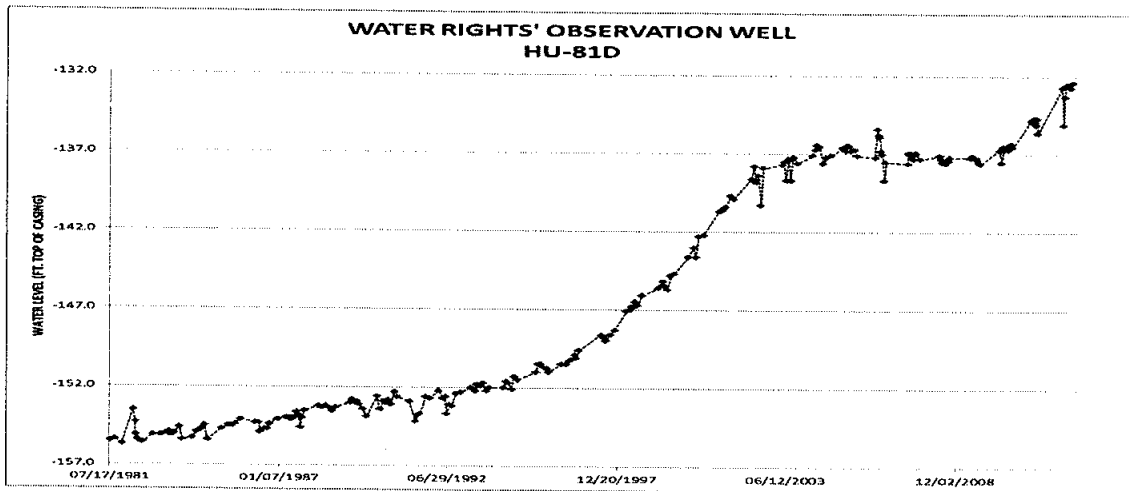


Figure 2- Hydrograph for observation well HU-81D (Water Rights, 2013a)

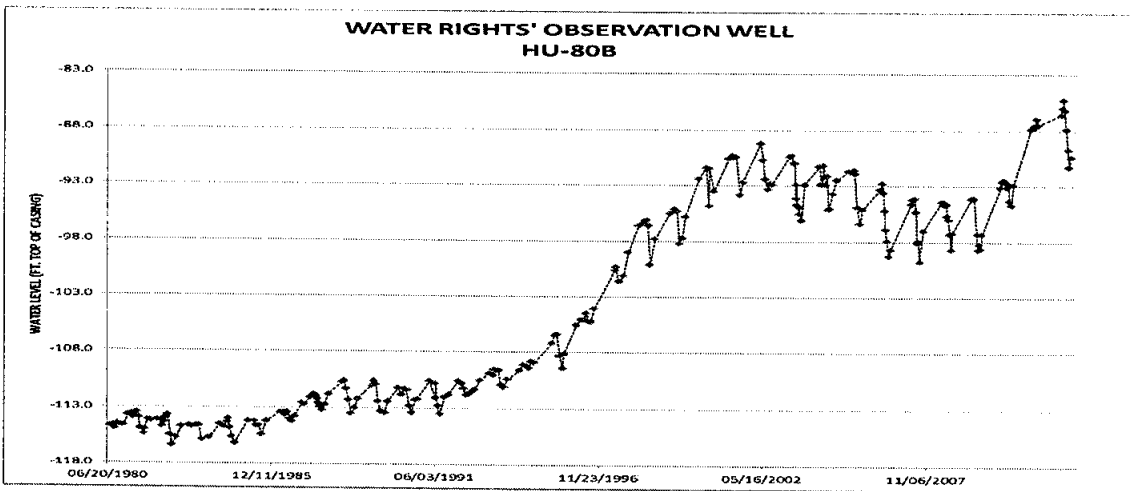


Figure 3- Hydrograph for observation well HU-80B (Water Rights, 2013a)

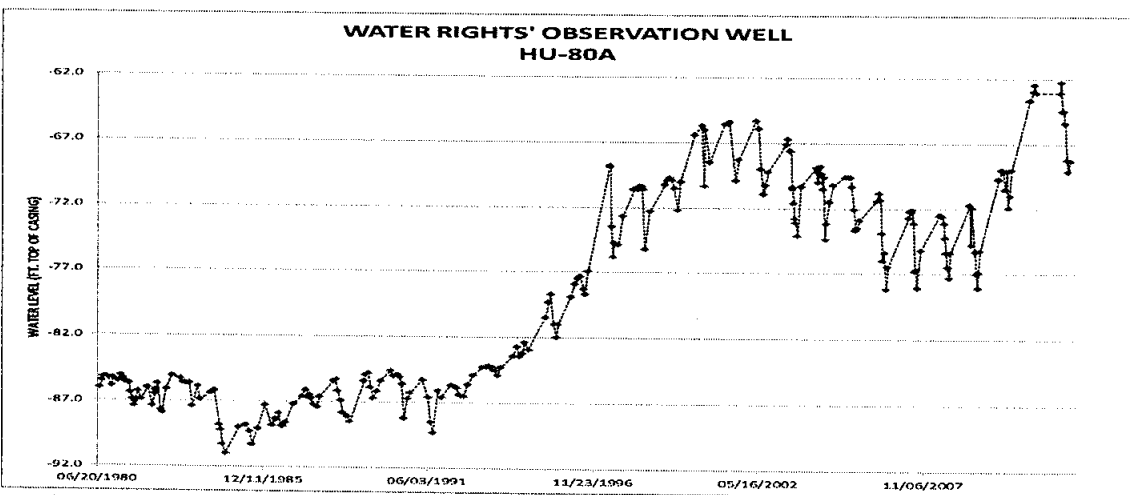


Figure 4- Hydrograph for observation well HU-80A (Water Rights, 2013a)

EXISTING WATER RIGHTS:

There are no wells authorized by water rights/permits within 3.5 miles of the proposed well site (Water Rights, 2013b). However, there are several domestic wells that may be completed into the Gray Goose aquifer within two miles of the proposed well site (Water Rights, 2013c). The nearest well on file with the DENR-Water Rights Program is a domestic well approximately one-half mile from the proposed well site. Observation well HU-80A is within two miles of several high capacity irrigation wells. The hydrograph for this observation well does show the effect of pumping. However, it has not been significant over the period of record. The water table condition of the aquifer in this area dictates that any drawdown due to pumping would probably not extend far, less than half a mile, from the proposed well. The Water Management Board has consistently recognized that to place water to maximum beneficial use a certain amount of drawdown may occur.

Therefore, at the distances involved between the proposed well site and wells of existing water rights/permits and domestic users, interference is not expected to be significant. An adequate well as defined by ARSD 74:02:20(7) is not expected to be adversely or unlawfully impaired by pumping from this proposed appropriation.

SDCL 46-5-6

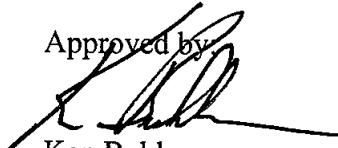
Pursuant to SDCL 46-5-6, the diversion rate for an irrigation appropriation cannot be in excess of one cfs for every 70 acres, or "the equivalent thereof." The statute does provide that the Water Management Board may allow a greater diversion if the method of irrigation so requires. Water Permit Application No. 7556-3 proposes to divert 0.89 cfs for the irrigation of 50 acres, or the equivalent of 1.25 cfs per 70 acres. The applicant provided no justification. However, the map included with the application indicates that the center pivot will make a "windshield-wipe" rotation and could require the higher diversion rate to operate.

CONCLUSIONS:

1. Water Permit Application No. 7556-3 proposes to appropriate up to 100 ac-ft/yr at a maximum diversion rate of 0.89 cfs for the irrigation of 50 acres from one well to be completed into the Gray Goose aquifer.
2. There is a reasonable probability that unappropriated water is available from the Gray Goose aquifer to supply this proposed diversion.
3. There is a reasonable probability that the diversion rate requested by this application can be made without adversely impacting existing water rights/permits and domestic users.
4. The applicant requested a diversion rate in excess of the statutory limit of one cfs per 70 acres. The applicant did not provide justification.


Adam Mathiowetz
SD DENR-Water Rights Program

Approved by:


Ken Buhler
SD DENR-Water Rights Program

REFERENCES:

- Hamilton, L.J. 1986. Water Resources of Hughes County, South Dakota. U.S. Geological Survey Water-Resources Investigations Report 84-4195. Huron, South Dakota.
- Hedges, L.S. J. Allen, and D.E. Holly. 1985. Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, Task 7: Ground Water Recharge. South Dakota DENR-Geological Survey, Vermillion, SD.
- SDGS. 2013. Lithologic Logs Database. < <http://sddenr.net/lithdb/>>. SD DENR-Geological Survey. Vermillion, SD.
- Water Rights. 1979-2012. "1979-2011 Irrigation Summaries by Aquifer and County": SD DENR-Water Rights Program. Joe Foss Bldg., Pierre, SD.
- Water Rights. 2013a. Observation Well Files. SD DENR-Water Rights Program. Joe Foss Bldg., Pierre, SD.
- Water Rights. 2013b. Water Right/Permit Files. SD DENR-Water Rights Program. Joe Foss Bldg., Pierre, SD.
- Water Rights. 2013c. Well Completion Reports. SD DENR-Water Rights Program. Joe Foss Bldg., Pierre, SD.

RECEIVED

FEB 19 2013

Form 8

WATER RIGHTS
PROGRAM

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)

County of Hughes) SS

I, Marylinn Baker

certify that the attached printed Notice was
taken

from the Capital Journal

printed and published in Pierre

County of Hughes and

state of South Dakota. The notice was
published

in the newspaper on the following date:

2-13-13

Cost of Printing \$29.73

Marylinn Baker
(Signature)

Bookkeeper
(Title)

2-13-13
(Date Signed)

Wednesday, February 13, 2013

800 Public Notice 800 Public Notice

deep) located in orrmentation
the SE 1/4 NW 1/4 must file a written
Section 21 for inf-petition with
gation of 50 acres BOTH the appli-
located in the S cant and Chief En-
1/2 NW 1/4 Sec- gineer. The appli-
tion 21: all in cant must file a
T112N-R79W. petition if contest-
The applicant is ing the Chief Engi-
requesting a diver- neer's recommen-
sation rate greater dation. The Chief
than the statutory Engineer's ad-
limit.
Pursuant to Rights Program,
SDCL 48-2A-2, Foss Building, 320
the Chief Engineer E. Capitol, Pierre
recommends AP- SD 57501 (605
PROVAL of Appl- 773-3352)* and
cation No. 7556-3 the applicant's
because 1) unap- mailing address is
appropriated water is given above. A
available, 2) exist- petition filed by ei-
ing rights will not ther an interested
be unlawfully im- person or the ap-
paired, 3) It is a plicant must be
beneficial use of filed by February
water, and 4) It is 25, 2013.

in the public inter- The petition may
est. In accor- be informal, but
dance with SDCL must include a
48-2A-23, the statement describ-
Chief Engineer will ing the petitioner's
ad on this appli- interest in the ap-
cation, as recom- plication, the peti-
mended, unless a lioner's reasons
petition is filed op- for opposing or
posing the appli- supporting the ap-
cation or the appli- plication, and the
cant files a petition signature and
contesting the mailing address of
Chief Engineer's the petitioner or
recommendation, the petitioner's le-
gation, if a petition oppos- gal counsel, if le-
ing the application gal counsel is ob-
or contesting the tained. Contact
recommendation Eric Gronlund at
is filed, then a the above Water
hearing will be Rights Program
scheduled and the address to request
Water Manage- copies of informa-
ment Board will tion pertaining to
consider this ap- this application.
plication. Notice of Steven M. Pimer,
SD 57501 has the hearing will be Secretary, Depart-
filed an application given to the appli- ment of Environ-
for a water permit cant and any per- ment and Natural
to appropriate son filing a peti- Resources.
0.88 cubic feet of tion.
water per second Any person inter- Published once at
from one well to ested in opposing the total approxi-
be completed into or supporting this mate cost of
the Gray Goose application or rec- \$29.73.
Aquifer (145 feet



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

February 5, 2013

Capital Journal
PO Box 878
Pierre SD 57501

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7556-3 to Appropriate Water. Please publish the notice once on February 13, 2013. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published and arrange for payment. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Tom Tveit, 19930 Grey Goose Rd., Pierre SD 57501 (Ph # 605-224-7408).

Please send the Water Rights Program an affidavit or the enclosed Proof of Publication form immediately.

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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATE, CONTACT
THE NEWSPAPER(S) RIGHT AWAY.

February 5, 2013

Tom Tveit
19930 Grey Goose Rd
Pierre SD 57501

Dear Mr. Tveit:

Water Permit Application No. 7556-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Capital Journal printed at Pierre SD (Ph # 605-224-7301). You will need to contact the newspaper(s) and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and report on the application 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(s) to authorize publication of your Notice and to arrange for payment. Early contact with the paper(s) can eliminate delays. Upon receiving authorization from you, the publisher has been instructed to publish your notice. 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.

Instruction to Newspaper - Publish the Notice on February 13, 2013. The applicant is responsible for payment. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352 or email: Karen.schlaak@state.sd.us.

NOTICE OF APPLICATION NO. 7556-3 to Appropriate Water

Notice is given that Tom Tveit, 19930 Grey Goose Rd, Pierre SD 57501 has filed an application for a water permit to appropriate 0.89 cubic feet of water per second from one well to be completed into the Gray Goose Aquifer (145 feet deep) located in the SE 1/4 NW 1/4 Section 21 for irrigation of 50 acres located in the S 1/2 NW 1/4 Section 21; all in T112N-R79W. The applicant is requesting a diversion rate greater than the statutory limit.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7556-3 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 this 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 this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or 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 25, 2013.

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.

Published once at the total approximate cost of _____.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

denr.sd.gov

APR 12 2013

Tom Tveit
19930 Grey Goose Rd
Pierre SD 57501

Dear Mr. Tveit:

Enclosed is Water Permit No. 7556-3 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,

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

enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

7556-3

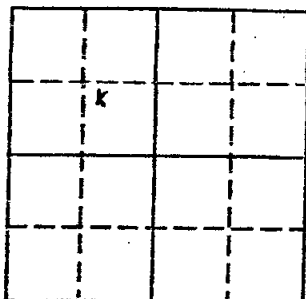
11-02

Location SE 1/4 NW 1/4 Sec 26 Twp 112 Rg 19

County Hughes

North

Please mark well location with an "X"



Well completion Date

4-29-13

1 Mile

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

1000 ft from Septic system (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Forward Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>20</u> LB/FT	<u>12</u> IN	<u>1</u> FT	<u>123</u> FT	<u>17.5</u> IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type Portland Cement No. of Sacks 14 Grout Weight 9.8 Lb/gal From 0 Ft To 10 Ft
Lb/gal Ft Ft

Describe grouting procedure Truemic line Bottom To Top

SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 12 Inches Length 20 Feet

Material Stainless Steel

Slot Size 1000 Set From 123 Feet to 143 Feet

Other information

2nd 17' of #20 slot pack

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DIGGING ACTION: Was well disinfected upon completion?

☒ Yes, How? Chlorine

☐ No, Why Not?

Lab sample sent to for water quality analysis

Well Owner: Tom Ivett

Business Name:

Address1: 19930 Greyhose Rd

Address2:

City, State, Zip: Pierre, SD 57501

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Top Soil</u>	<u>0</u>	<u>1</u>
<u>Yellow clay</u>	<u>1</u>	<u>4</u>
<u>Oxidized Sand & Gravel</u>	<u>4</u>	<u>15</u>
<u>Yellow clay</u>	<u>15</u>	<u>30</u>
<u>Blue clay</u>	<u>30</u>	<u>70</u>
<u>Fine sand</u>	<u>70</u>	<u>110</u>
<u>Medium sand</u>	<u>110</u>	<u>130</u>
<u>Coarse Sand some Gravel</u>	<u>130</u>	<u>143</u>
<u>Clay</u>	<u>143</u>	<u>145</u>

STATIC WATER LEVEL

84 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:

Submersible Pump

☐ Bailed

☐ Other

Pumping Level Below Land Surface

92 Ft

After 3 Hrs. pumped

450 GPM

After

Hrs. pumped

GPM

If pump installed, pump rate:

GPM

REMARKS

RECEIVED

MAY - 9 2013

WATER RIGHTS PROGRAM

This well was drilled under license # 285

And this report is true and accurate.

Drilling firm:

Max Kowalski Well Drilling, Inc.

Signature of License Representative:

Signature of Well Owner:

Date:

Please return White Copy to DENR Water Rights

523 E. Capitol Ave., Pierre SD 57501



7556-3
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, 2020

NOTICE

TO: THOMAS TVEIT, 19930 GREY GOOSE RD, PIERRE, SD 57501

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

SUBJECT: Reporting Requirement for 2019 Irrigation Questionnaire(s)

Our records indicate your 2019 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 7556-3. The request for the Questionnaire was dated October 18, 2019. The Water Management Board has directed that owners of water permits who have not submitted the 2019 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) 7556-3 qualification:

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

The hearing will be held at **Wednesday, February 26, 2020 at 8:30 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) 7556-3 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 **February 26, 2020** 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: <https://denr.sd.gov/iq> using this password: QNMBUY**

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.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 31, 2020

7556-3

Tom Tveit
19930 Grey Goose Rd
Pierre SD 57501

Dear Mr. Tveit:

I am writing to acknowledge receipt of the information for your 2019 irrigation questionnaire.

You may disregard the January 23, 2020, "Notice" concerning reporting requirements for Water Permit No. 7556-3. 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

7556-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 22, 2021

NOTICE

TO: THOMAS TVEIT, 19930 GREY GOOSE RD, PIERRE, SD 57501

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

SUBJECT: Reporting Requirement for 2020 Irrigation Questionnaire(s)

Our records indicate your 2020 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 7556-3. The request for the Questionnaire was dated October 23, 2020. The Water Management Board has directed that owners of water permits who have not submitted the 2020 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) 7556-3 qualification:

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

The hearing will be held at **Wednesday, March 3, 2021 at 10:00 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) 7556-3 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 3, 2021** 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: <https://denr.sd.gov/iq> using this password: ZKSCPS**

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.

7556-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

February 3, 2021

7556-3

Thomas Tveit
19930 Grey Goose Rd
Pierre SD 57501

Dear Mr. Tveit:

I am writing to acknowledge receipt of your 2020 irrigation questionnaire.

You may disregard the January 22, 2021, "Notice" concerning reporting requirements for Water Permit No. 7556-3. 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 blue ink that reads "Genny McMath". The signature is fluid and cursive.

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us

Report of Examination of Works and/or Application of Water to Beneficial Use for Permit No. **7556-3**

I have this day, September 26, 2024, made a thorough examination of the water use system constructed by Tom Tveit of 19930 Grey Goose Road, Pierre, South Dakota holder of Permit No. 7556-3, bearing the priority of February 25, 2013 authorizing the diversion of 0.89 cu. ft. per second of the waters of the Gray Goose Aquifer for Irrigation purposes, in Hughes County.

Inspection contact and relationship: Tom Tveit, Owner

A. Works used to divert the water:

- a. Well information:
 - i. Well Drilling Firm: Manikowski Well Drilling, Inc. (License Number 285)
 - ii. Number of Wells: 1
 - iii. Depth: 143 feet
 - iv. Well Log available? Yes
- b. Pump
 - i. Make: Franklin
 - ii. Model:
 - iii. Size:
 - iv. Capacity: 450 gpm (when there is no dynamic head)
- c. Casing:
 - i. Diameter: 12 inches
 - ii. Length: 124 feet (123 feet below grade)
 - iii. Type: PVC (SDR21)
- d. Screen:
 - i. Type: 12-inch slotted stainless steel
 - ii. Length: 20 feet
 - iii. Static Water Level: 84 feet below grade
- e. Motor:
 - i. Make:
 - ii. Model:
 - iii. Power: 30 hp (22 kW)

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

- a. 200 feet of 6-inch PVC pipe

C. Works used to apply water to beneficial use:

- a. Center Pivot:
 - i. Make:
 - ii. Overall Length: 1,000 feet
 - iii. Number of Towers: 5
 - iv. Distance between towers: 200 feet
 - v. End Gun: Yes
 - vi. High or Low pressure: Low
 - vii. Capacity: 400 gpm

D. Compliance with Permit Requirements:

- a. Is permit holder abiding by qualifications? Yes

- b. Have irrigation questionnaires been checked to determine if permit owner started irrigation by end of construction period? Yes
- c. Exceptions to compliance are: None
- d. List any extended period of nonuse: None

E. Condition and Location:

- a. The system is in good condition with the point of diversion located as follows: 1,500 ft S and 1,400 ft E from the NW corner of Section 21 T112N-R79W (SE ¼ NW ¼) Latitude 44.5006 & Longitude -100.3453.
- b. The works are capable of diverting and conveying to the place of use 0.89 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: All land is located in Section 21 T112N-R79W comprising a total of 37 acres of land and the license should be issued for 0.89 cfs
 - SW ¼ NW ¼ - 10 acres
 - SE ¼ NW ¼ - 27 acres
- c. All structures, wells, and lands are on map: Yes
If no, describe: N/A

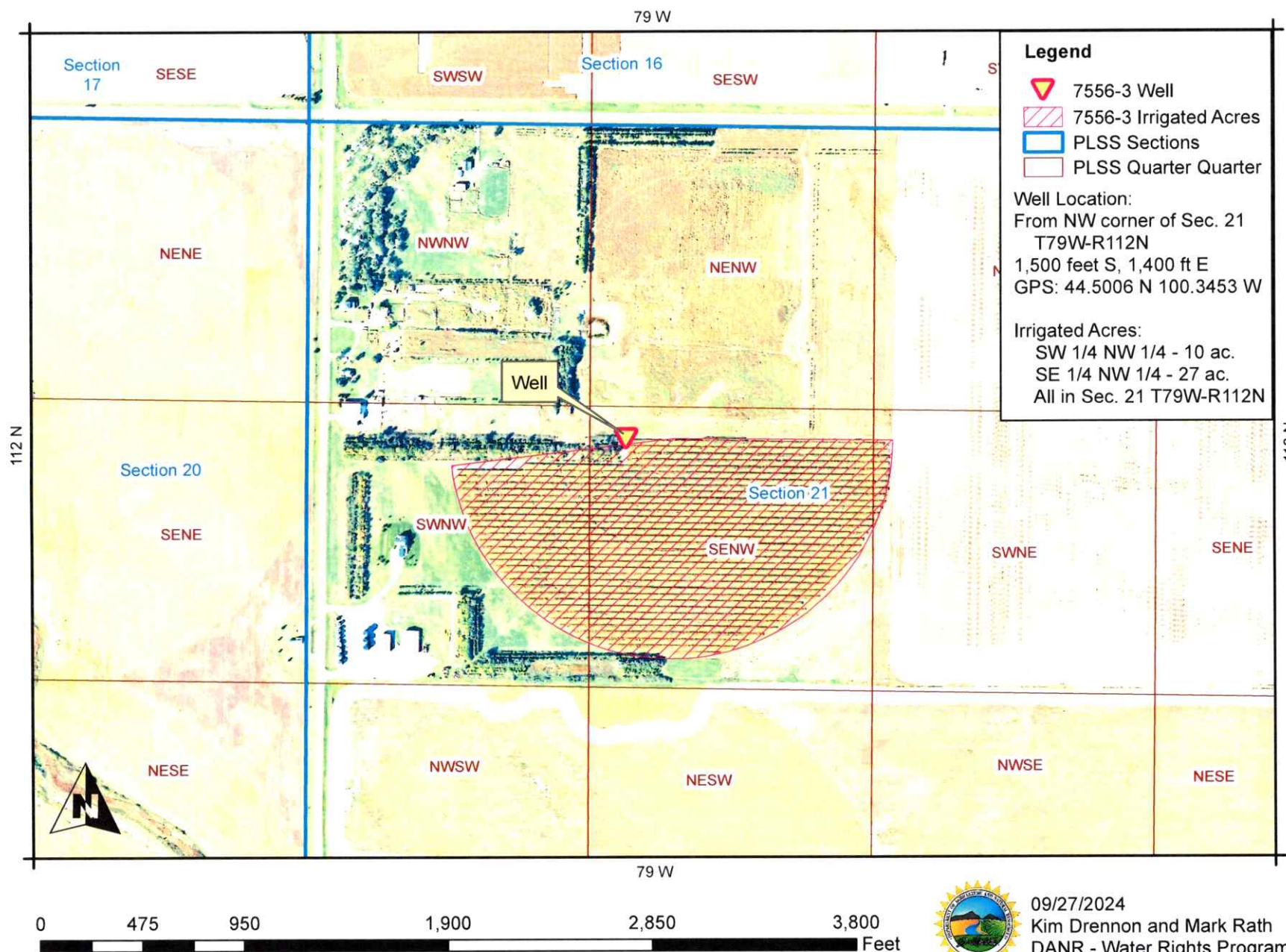
F. Comments or other permit(s) associated with the project
None.

This report was completed on:
October 9, 2024

By:



Kimberly C. Drennon
Natural Resources Engineer
DANR Water Rights Program





**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

MAR 18 2025

Thomas Tveit
19930 Grey Goose Rd
Pierre, SD 57501

No. 7556-3

Dear Mr. Tveit:

Enclosed is Water License No 7556-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if 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.

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

Sincerely,

Mark Mayer, PE
Director of Office of Water
(605) 773-3352

enclosures

STATE OF SOUTH DAKOTA
WATER LICENSE NO. 7556-3

(1) Thomas Tveit, 19930 Grey Goose Rd, Pierre, SD 57501, made Application No. 7556-3, December 7, 2012, for a water permit to divert 0.89 cubic feet of water per second from groundwater, one well (Gray Goose Aquifer), Hughes County, South Dakota for irrigation purposes. Permit No. 7556-3, with a priority date of December 7, 2012, was approved February 25, 2013, and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before February 25, 2018, and for the application to beneficial use of water on or before February 25, 2022.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 0.89 cubic feet of water per second for beneficial use. The location of the diversion point is:

- 1,500 feet S and 1,400 feet E from the NW corner of Section 21, T79W, R112N (SE ¼ NW ¼) (Latitude 44.5006 & Longitude -100.3453)

(3) The amount of 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.

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

Section 21, T112N, R79W
SW ¼ NW ¼ - 10 acres
SE ¼ NW ¼ - 27 acres
Total – 37 acres

(5) Pursuant to South Dakota Water Law 46-5-30.1 Thomas Tveit, the holder and/or owner of Water Right No. 7556-3 is issued a license to appropriate water, the right to use 0.89 cubic feet of water per second from groundwater, one well (Gray Goose Aquifer), with a priority date of December 7, 2012, 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. 7556-3 and subject to 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. 7556-3 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. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils requires, Permit No. 7556-3 authorizes a maximum diversion rate of 0.89 cfs for the irrigation of 50 acres with an annual volume not to exceed 2 acre feet of water per acre per year. (The number of acres authorized for irrigation under Water Right No. 7556-3 has been reduced to 37, based on the system as constructed.)
4. This Permit is approved subject to the irrigation questionnaire being submitted each year.



Mark Mayer, RE
Director of Office of Water

3/18/25

date

