

WATER PERMIT NO. 7436-3

Name of Applicant: Larry Skorepa

Address: 29922 435th Ave, Utica SD 57067 Phone: 605 661-6453

Amount of Water Claimed: 2.0 cfs Total Acres: 185 acres

Source of Water Supply: groundwater (2 wells)

Water to be used for: irrigation County: Yankton

Type of Waste Disposal System:

Location: 6 miles north of Utica

PRIORITY Date Received: 8-2-12 Application/License Fee: \$ 1150

Corrected Application Received: 9/17/12 Period of Annual Use: May 1 – September 30

Remarks:

Diversion Point: SE 1/4 NE 1/4 Sec 8-T95N-R56W

Land to be Irrigated: NE 1/4, NW 1/4 NW 1/4, N
1/4 SE 1/4 Sec 8-T95N-R56W

Depth of Well: 170 feet deep

Well Driller:

Remarks:

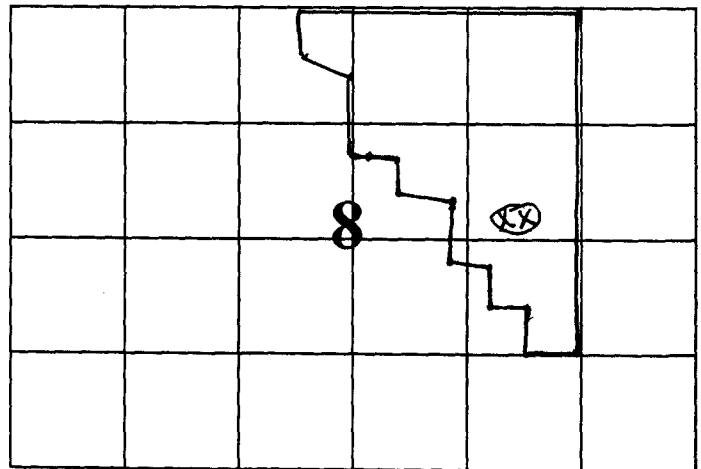
Type of Map: aerial

Prepared by: Eric Gronlund

Reviewed and the Number Assigned on: 9-17-12

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

(office use only)
No. 7436-3 Hydrologic Unit 10160011
Basin James River
Newspaper Press & Dakotan 319 Walnut Yankton
605-665-7811 57028

RECEIVED

AUG 02 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 of Applicant Larry Skorepa Phone 605-661-6453

(check one) ☐ Owner ☐ Tenant/lessee

Mailing Address 29922 435 Ave Utica SD 57067
(Address) (City) (State) (Zip Code)

2. Amount of water claimed 2.0 *CFS or 900 **GPM ***AF Total Acreage 185
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Lower James Missouri Aquifer

4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Yankton
1 or 2 wells in NE 1/4 of Section 8, T095N R 56W, Yankton Co, SD
SE 1/4

5. County or counties where water will be used Yankton

6. Annual period during which water is to be used May-September May 1 - Sept. 30

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
	40	<u>See aerial Photo map</u>	

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

Crop irrigation of the above listed property.

STATE OF SOUTH DAKOTA)

County of Yankton)

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

I, Larry Skorepa, 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 Larry Skorepa

Subscribed and sworn to before me this 6th day of June 20 12

My commission expires 12/15/13 [Signature]
Notary Public signature



**SOUTH DAKOTA
WATER PERMIT NO. 7436-3**

Date of first receipt of application August 2, 2012.

Date of return to applicant for corrections, amendments or changes August 2, 2012.

Date of receipt of corrected application September 17, 2012.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7436-3 to Larry Skorepa, 29922 435th Ave, Utica SD 57067 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. 7436-3 appropriates 2.0 cubic feet of water per second from two wells to be completed into the Lower James Missouri:Scotland Aquifer (170 feet deep) located in SE 1/4 NE 1/4 Section 8 for irrigation of 185 acres located in the NE 1/4, NE 1/4 NW1/4, N 1/2 SE 1/4 Section 8; all in T95N-R56W.
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: May 1 – September 30.
3. The date from which applicant may claim right is August 2, 2012.
4. The date of approval of Permit No. 7436-3 is December 3, 2012.
5. One-fifth of the construction is to be completed on or before June 3, 2015.
6. All construction is to be completed on or before December 3, 2017.
7. Water is to be put to beneficial use on or before December 3, 2021.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The wells authorized by Permit No. 7436-3 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.

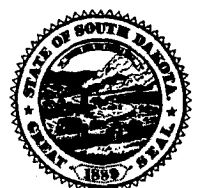
WATER MANAGEMENT BOARD

By: Garland Erbele

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

JAN 07 2013

date



Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 22" Depth 170'
- b) Casing Type PVC Diameter 16" Thickness SDR 26
- c) Screen Type PVC Diameter 16" Thickness SDR 26
- d) Gravel Pack Pea Rock Length of Gravel Pack 70'
- e) Depth to Top of Water Bearing Material 25'
- f) Depth to Water (ground surface to water level) 80'
- g) Distance to nearest existing domestic well:
- On applicant's property 1400' On property owned by others over 2500'

2. Wastewater Disposal System Information

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

3. Dugout Information

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

4. Water Storage Dams

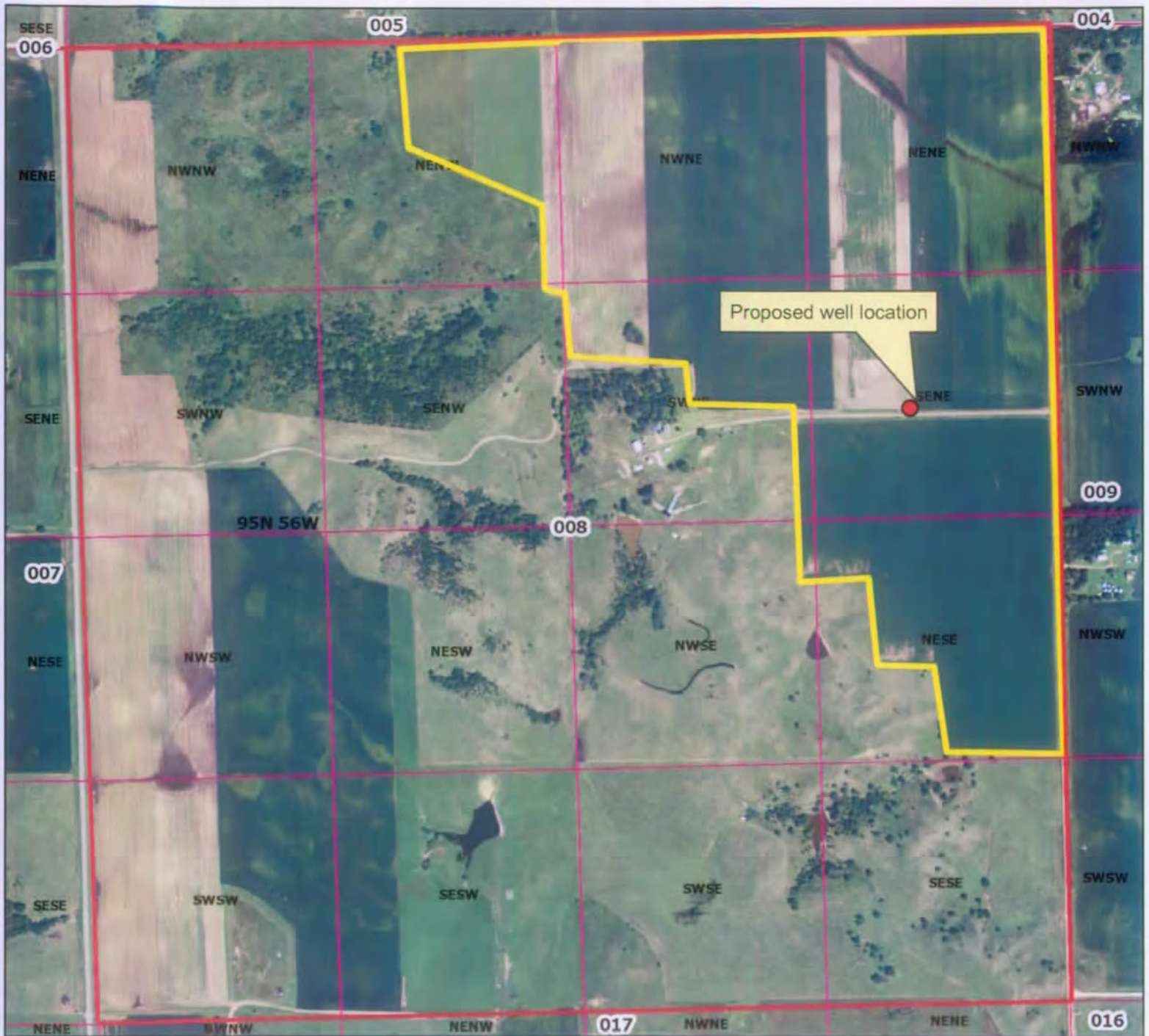
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

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



- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope (e.g. 3 to 1 is a typical slope)
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

Water Permit Application for Larry Skorepa



Projected Irrigated Acreage by Quarter-Quarter Section

All in Section 8, T95N, R56W

NW 1/4 NE 1/4	40	NE 1/4 NW 1/4	15
NE 1/4 NE 1/4	40		
SW 1/4 NE 1/4	19	NW 1/4 SE 1/4	1
SE 1/4 NE 1/4	40	NE 1/4 SE 1/4	30
TOTAL	185 acres		



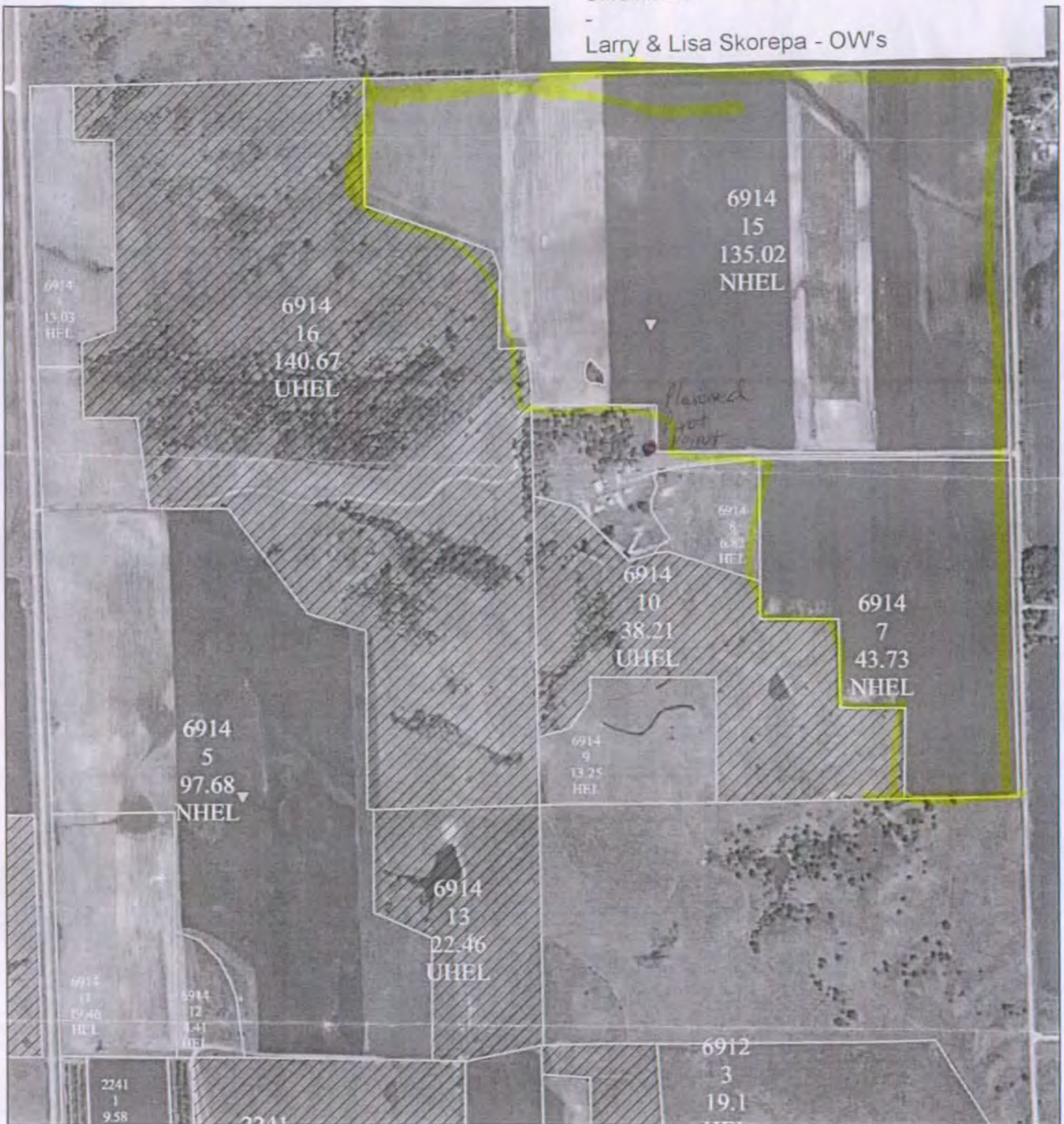
Google earth

feet
km



Larry Skorga

Larry & Lisa Skorepa - OW's



United States Department of Agriculture
Farm Service Agency

PLSS: 8_95N_56W
Farm: 6254

Yankton County, SD

1:8,662

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



June 16, 2011

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WATER RIGHTS
PROGRAM

Wetland Determination Identifiers

- Restricted Use
- ▽ Limited Restrictions
- Exempt from Conservation Compliance Provisions

Common Land Units

Non Cropland

(I well)

2010 Ortho-Photography - Not to Scale

Mike Reifernath Yankton County
8/31/2012 PT

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date Aug 28 12

RECEIVED OF Larry Skorepa, 29922 435th Ave, Utica SD 57067

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

Fee for Application for Permit No. <u>7436-3</u> to Appropriate Water, to construct and to put water to beneficial use	1050	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. _____		
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	1050.00

No. **05511**

By

Garland Erbeley

Chief Engineer

1KS

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 9/4, 20 12

RECEIVED OF Larry Skorepa 29922 436th Ave Utica SD 57067

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	200	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>7436-3</u>		
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	200 00

No. **05559**

By

[Signature]
Chief Engineer



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

August 2, 2012

Larry Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. Skorepa:

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

- Enclosed is the aerial photo map submitted with the application. The map needs to reference section-township-range with a quarter corner marked. Also, the map must be signed by one of the following: Registered Land Surveyor, Registered Professional Engineer or by any other government employee who normally prepares maps as a part of his assigned duties (i.e. local NRCS office).
- The application indicates a total of 280 acres to be irrigated with 120 acres to be located in the SE ¼ Section 8. The acreage marked on the map in the SE ¼ does not total to 120 acres. The map and application need to correspond. Clearly outline the acreage to be irrigated.
- Please mark the location of the second proposed well on the map. Also, the amount of water claimed states 900 gallons per minute. Are you proposing this amount from each well or a total from both wells, if a second well is drilled? *1 well*
- We have received your fee of \$1,050.00. The application/license filing fee to irrigate 280 acres is \$1,250.00. Please submit an additional \$200.00.
- If available, please submit a well log or test hole log signed by a licensed South Dakota well driller.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak

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

enclosure



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

September 10, 2012

Larry Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. Skorepa:

We have received your response to my letter dated August 2nd. Some clarification is required on the number of acres to be irrigated.

Enclosed is an aerial photo map we prepared which duplicates the area outlined on your map. The map has a breakdown of the acreage amounts at the bottom. Do you agree with these amounts?

If you agree, the total acreage on the application will be reduced from 280 acres to 185 acres. If the acreage is reduced, \$100.00 of the application/license filing fee will be refunded to you after action has been taken application.

Please call and let me know if you are in agreement or if you have any questions.

Sincerely,

Karen Schlaak

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

enclosure

Water Rights Program - File Documentation

NAME: Larry Skorepa

ADDRESS: Utica SD

DATE: 9-17-12 **COUNTY:** YA **TELEPHONE:** 605 661-6453

RE: Pending application

COMMENTS:

Larry Skorepa called regarding my letter dated September 10th and stated he agreed with the legal descriptions on the aerial photo map prepared by Eric Gronlund.

Mr. Skorepa also stated that he would like make application for 2 wells, in case a second well is needed to get the amount of water he needs.

Karen Schlaak

Karen Schlaak
Water Rights Program



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7436-3, Larry Skorepa**

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. 7436-3, Larry Skorepa, 29922 435th Avenue, Utica SD 57067.

The Chief Engineer is recommending APPROVAL of Application No. 7436-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The wells authorized by Permit No. 7436-3 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
November 13, 2012

REPORT TO THE CHIEF ENGINEER
ON
WATER PERMIT APPLICATION NO. 7436-3
LARRY SKOREPA
NOVEMBER 13, 2012

Water Permit Application No. 7436-3 proposes to appropriate 370 acre-feet (ac-ft) of water annually at a maximum diversion rate of 2.0 cubic feet per second (cfs) from two wells to be completed into the Scotland management unit of the Lower James Missouri aquifer. The wells are expected to be 170 feet deep and are to be located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 8, T95N-R56W. The permit application proposes to irrigate 185 acres in the NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ Section 8; all in T95N-R56W in Yankton County.

AQUIFER: Scotland Management Unit of the Lower James Missouri (LJM:S)

GEOLOGY AND AQUIFER CHARACTERISTICS:

Test hole information was not submitted with this permit application. However, sufficient data is available through well completion reports, water right/permit files, and SD DENR-Geological Survey test hole logs to evaluate this application. Bugliosi (1986) included the Lower James Missouri: Scotland in his assessment of the Lower James Missouri aquifer in Yankton County. Jorgenson (1971) combined the Lower James Missouri: Scotland and the Choteau: Tyndall aquifers into the Tyndall-Scotland aquifer in Bon Homme County. The Lower James Missouri: Scotland aquifer is a buried outwash that is probably under water table conditions at the proposed well locations (Bugliosi, 1986). The Lower James Missouri: Scotland extends from central Bon Homme County into Yankton County where it blends into the Lower James Missouri aquifer. The Lower James Missouri: Scotland underlies approximately 72,800 acres and contains an estimated 1,110,650 ac-ft of recoverable water in storage (Hedges et.al, 1982). Groundwater movement is generally from the west toward the James River in the east.

SDCL 46-2A-9:

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

WATER AVAILABILITY:

Water Permit Application No. 7436-3 proposes to appropriate 370 ac-ft of water annually from the Lower James Missouri: Scotland aquifer. 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 that the quantity of water withdrawn annually from a groundwater source will exceed the quantity of the average estimated annual recharge of water to the groundwater source."

Recharge versus Discharge:

Recharge:

Recharge to the Lower James Missouri: Scotland aquifer is primarily through infiltration of precipitation, and seepage from adjacent till (Bugliosi, 1986). Hedges and others (1985) estimated, by regional flow-net analysis, the recharge to the Lower James Missouri: Scotland to be 1.5 inches per year. Total estimated recharge to the Lower James Missouri: Scotland aquifer is 9,100 ac-ft/yr.

Discharge:

There are 11 water rights/permits authorizing wells to appropriate from the Lower James Missouri: Scotland aquifer (Water Rights, 2012b). There are 10 water rights/permits designated for irrigation purposes and one water right, Water Right No. 7072-3, designated for livestock confinement operation purposes. The estimated annual pumpage by Water Right No. 7072-3 is 47.8 ac-ft. This estimation assumes pumping 60 percent of the time at the maximum permitted diversion rate. Water use from the Lower James Missouri: Scotland aquifer as reported to the SD DENR-Water Rights Program through annual irrigation questionnaires is shown in table 1.

YEAR	NO. OF PERMITS REPORTING	APPROPRIATION (AC-FT/YR)	PUMPAGE REPORTED (AC-FT/YR)
2011	11	4327	398.17
2010	10	4239	62.68
2009	10	4239	111.18
2008	10	4239	358.36
2007	7	3485	212.12
2006	7	1937	530.85
2005	7	1617	383.6
2004	7	1617	176.77
2003	7	1617	484.28
2002	6	1601	422.6
2001	6	1601	384.7
2000	6	1601	445.96
1999	6	1601	271.26
1998	7	2035	249.47
1997	7	2287	245
1996	7	2287	239.65
1995	7	2374	275.03
1994	7	2374	196.19
1993	8	2416.4	26
1992	7	2230.4	120
1991	7	2230.4	283
1990	7	2230.4	417
1989	7	2230.4	297
1988	7	2230.4	359
1987	7	2230.4	194.4
1986	7	2230.4	190
1985	6	2146	241
1984	6	2146	186
1983	7	2230.4	119.45
1982	5	2026	125.95
1981	5	2026	119.45
1980	3	1050	73
1979	3	1050	118
Avg	6.9	2296.4	252.03

Table 1- Water use by irrigation from the Lower James Missouri: Scotland aquifer (Water Rights, 1979-2012).

Comparing the average annual recharge calculated by Hedges and others (1985), 9,100 ac-ft, to the estimated average annual pumpage from the aquifer, 299.8 ac-ft, there is a reasonable probability that unappropriated water is available from the Lower James Missouri: Scotland aquifer.

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 17 observation wells completed into the Lower James Missouri: Scotland aquifer (Water Rights, 2012a). The nearest observation wells to the proposed well locations are YA-80H and YA-80V, located 0.5 miles south and 1.0 mile southwest respectively. The water levels rise (recharge) during wet years and gradually decline during dry years. The effects of pumping are not evident for most of the period of record. Therefore, natural recharge to and discharge from the Lower James Missouri aquifer greatly exceeds the temporal effects of pumping. The hydrographs show that there is, in general, more water in storage now than in the past. Therefore, there is a reasonable probability that unappropriated water is available from the Lower James Missouri: Scotland aquifer. Figures 1 and 2 show the hydrographs for observation wells YA-80H and YA-80V, respectively.

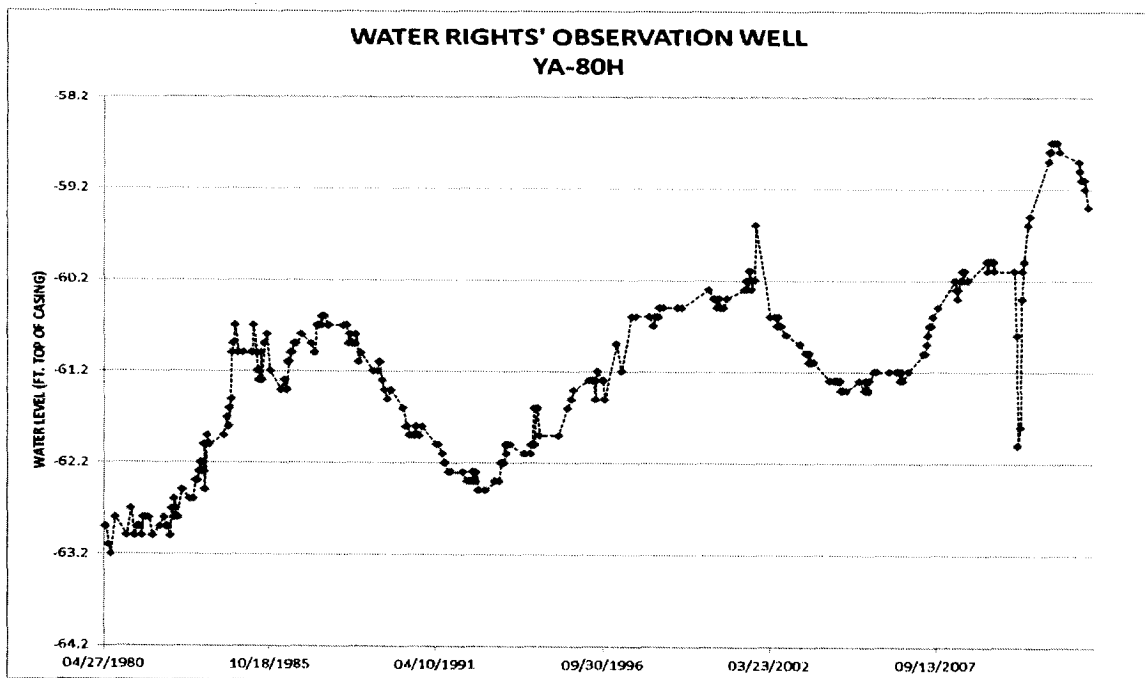


Figure 1- Hydrograph of observation well YA-80H (Water Rights, 2012a).

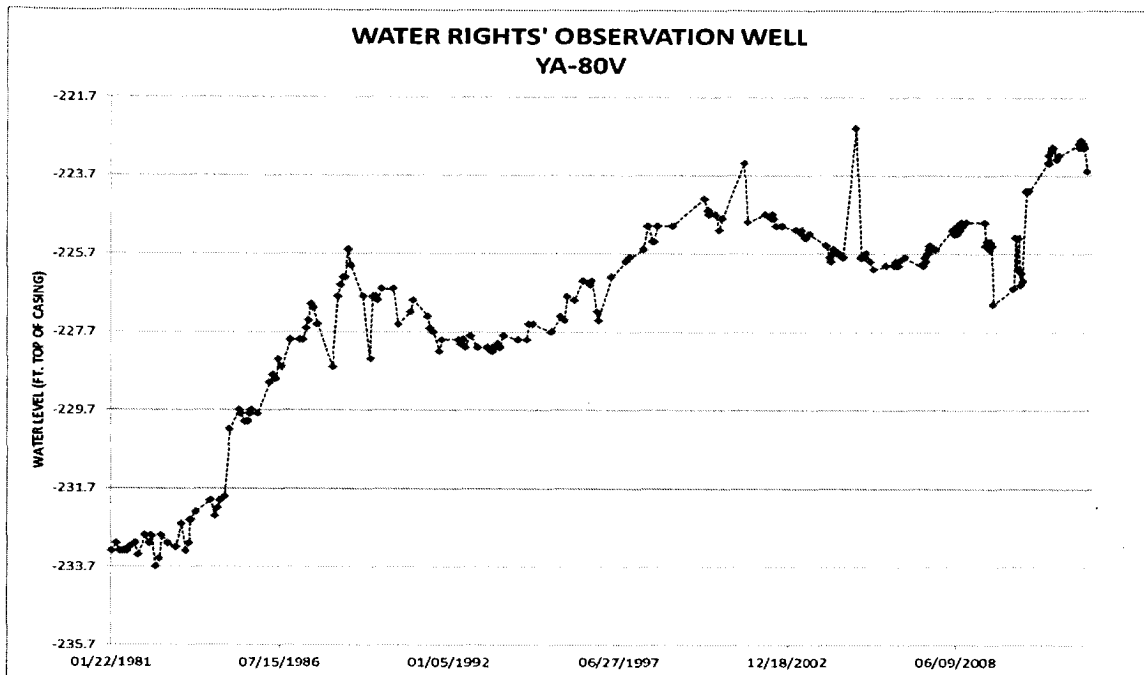


Figure 2- Hydrograph of observation well YA-80V (Water Rights, 2012a).

EXISTING WATER RIGHTS:

The nearest wells to the proposed well locations are two irrigation wells, authorized under Water Rights Nos. 4968-3 and 5715-3, 1.7 miles west and two domestic wells, 1.3 miles east and 1.6 miles south Water Rights, 2012c). Table 2 shows the water rights/permits appropriating water from the Lower James Missouri: Scotland aquifer. Based on the lack of drawdown as shown by the observation well hydrographs and the distance from other wells to the proposed well locations, interference should not be an issue if this application is approved.

PERMIT NO.	NAME	STATUS	TYPE	CFS	ACRES
3514-3	Larry Rupiper	LC	IRR	1.39	97
4179-3	Larry Rupiper	LC	IRR	0.91	64
4968-3	Donald J. Kulish	LC	IRR	1.16	81
5715-3	Donald J. Kulish	LC	IRR	1.15	81
6389-3	Robert L. Dejong	LC	IRR	2.56	199
6758-3	Maxwell Colony	PE	IRR	4.89	980
6982-3	James Barger	PE	IRR	1.78	136
6983-3	James Barger	PE	IRR	1.78	130
7015-3	Robert Walloch	PE	IRR	1.59	111
7072-3	Fred Kubal	LC	LCO	0.11	N/A
7220-3	Larry Rupiper	PE	IRR	0.22	44
LC = Water Right, PE = Water Permit, IRR = Irrigation, LCO= Livestock Confinement Operation, N/A= Not Applicable					

Table 2- Water Rights/Permits appropriating water from the Lower James Missouri: Scotland (Water Rights, 2012b).

CONCLUSIONS:

1. Water Permit Application No. 7436-3 proposes to appropriate 370 ac-ft annually at a maximum diversion rate of 2.0 cfs from two wells completed into the Lower James Missouri: Scotland aquifer for the irrigation of 185 acres in Section 8, T95N-R56W.
2. There is a reasonable probability that unappropriated water is available from the Lower James Missouri: Scotland aquifer to supply these proposed diversions.
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.



Adam Mathiowetz
Natural Resources Engineer

REFERENCES:

- Bugliosi, E.F. 1986. Water Resources of Yankton County, South Dakota. U.S. Geological Survey Water-Resources Investigations Report 84-4241.
- Hedges, L.S., S.L. Burch, D.L. Iles, R.A. Barari, and R.A. Schoon. 1982. Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, Task 1: Bedrock Topography and Distribution, Task 2: Extent of Aquifers, Task 3: Ground-Water Storage, Task 4: Computerized Data Base, Final Report. U.S. Army Corps of Engineers Contract DACW 45-80-C-0185.
- 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.
- Jorgensen, D.G. 1971. Geology and Water Resources of Bon Homme County, South Dakota, Part II: Water Resources. Bulletin 21. SD DENR-Geological Survey.
- Water Rights. 1979-2012. "1979-2011 Irrigation Summaries by Aquifer and County": SD DENR-Water Rights Program. Joe Foss Bldg., Pierre, SD.
- Water Rights. 2012a. Observation Well Files. SD DENR-Water Rights Program. Joe Foss Bldg., Pierre, SD.
- Water Rights. 2012b. Water Right/Permit Files. SD DENR-Water Rights Program. Joe Foss Bldg., Pierre, SD.
- Water Rights. 2012c. Well Completion Reports. SD DENR-Water Rights Program. Joe Foss Bldg., Pierre, SD.

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AFFIDAVIT OF PUBLICATION

YANKTON DAILY PRESS AND DAKOTAN

Department of Environment and Natural Resources
PMB 2020
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3182

STATE OF SOUTH DAKOTA
COUNTY OF YANKTON

KELLY HERTZ BEING FIRST DULY SWORN ON OATH DEPOSES
AND SAYS THAT HE IS THE MANAGING EDITOR OF, YANKTON
MEDIA INC, A CORPORATION, THE PRINTER AND THE PUBLISHER OF THE
YANKTON DAILY PRESS AND DAKOTAN, A LEGAL DAILY NEWSPAPER
PUBLISHED AND CIRCULATED IN THE CITY OF YANKTON, SAID COUNTY
AND STATE, AND ONE OF THE OFFICIAL NEWSPAPERS OF THE SAID
COUNTY OF FACTS STATED IN THIS AFFIDAVIT; THAT THE ANNEXED
Notice of Application No. 7436-3

TAKEN FROM THE PAPER, IN WHICH IT WAS LAST PUBLISHED IN THE
NEWSPAPER ON THE 23rd DAY OF November 2012
THAT THE FULL AMOUNT OF THE FEE CHARGED FOR THE PUBLICATION
OF SAID **NOTICE** TO WIT \$25.15 ENSURES TO THE
BENEFITS OF THE PUBLISHER OF SAID NEWSPAPER AND THAT NO
AGREEMENT AND UNDERSTANDING FOR THE DIVISION THEREOF HAS
BEEN MADE WITH ANY OTHER PERSON, AND THAT NO PART THEREOF
HAS BEEN AGREED TO BE PAID TO ANY PERSON WHOMSOEVER.

PUBLISHED ON: 11/23/2012

FILED ON: 11/23/2012

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23rd DAY OF November

NOTARY PUBLIC, SOUTH DAKOTA

MY COMMISSION EXPIRES

8/19/2015

11+23

NOTICE OF APPLICATION
NO. 7436-3 to Appropriate Water

Notice is given that Larry Sko-
repa, 29922 435th Ave, Utica SD
57067 has filed an application for
a water permit to appropriate 2.0
cubic feet of water per second
from two wells to be completed
into the Lower James
Missouri:Scotland Aquifer (170
feet deep) located in SE 1/4 NE
1/4 Section 8 for irrigation of 185
acres located in the NE 1/4, NE
1/4 NW1/4, N 1/2 SE 1/4 Section
8; all in T95N-R56W.

Pursuant to SDCL 46-2A-2, the
Chief Engineer recommends AP-
PROVAL of Application No.
7436-3 because 1) unappropriated
water is available, 2) existing
rights will not be unlawfully im-
paired, 3) it is a beneficial use of
water, and 4) it is in the public in-
terest. In accordance with SDCL
46-2A-23, the Chief Engineer will
act on this application, as recom-
mended, unless a petition is filed
opposing the application or the
applicant files a petition contest-
ing the Chief Engineer's recom-
mendation. 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 writ-
ten petition with BOTH the appli-
cant and Chief Engineer. The ap-
plicant must file a petition if con-
testing the Chief Engineer's rec-
ommendation. The Chief Engi-
neer'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 inter-
ested person or the applicant must
be filed by December 3, 2012.

The petition may be informal, but
must include a statement describ-
ing the petitioner's interest in the
application, the petitioner's rea-
sons for opposing or supporting
the application, and the signature
and mailing address of the peti-
tioner or the petitioner's legal
counsel, if legal counsel is ob-
tained. Contact Eric Gronlund at
the above Water Rights Program
address to request copies of infor-
mation pertaining to this applica-
tion. Steven M. Pirner, Secretary,
Department of Environment and
Natural Resources.

Published once at the total approximate cost
of \$25.15.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

November 14, 2012

Daily Press & Dakotan
319 Walnut
Yankton SD 57078

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7436-3 to Appropriate Water. Please publish the notice once on November 23, 2012. 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 Larry Skorepa, 29922 435th Ave., Utica SD 57067 (Ph # 605-661-6453).

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
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

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

November 14, 2012

Larry Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. Skorepa:

Water Permit Application No. 7436-3 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 Daily Press & Dakotan printed at Yankton SD (Ph # 605-665-7811). 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 November 23, 2012. 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. 7436-3 to Appropriate Water

Notice is given that Larry Skorepa, 29922 435th Ave, Utica SD 57067 has filed an application for a water permit to appropriate 2.0 cubic feet of water per second from two wells to be completed into the Lower James Missouri:Scotland Aquifer (170 feet deep) located in SE 1/4 NE 1/4 Section 8 for irrigation of 185 acres located in the NE 1/4, NE 1/4 NW1/4, N 1/2 SE 1/4 Section 8; all in T95N-R56W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7436-3 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 December 3, 2012.

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

JAN 07 2013

Larry Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. Skorepa:

Enclosed is Water Permit No. 7436-3 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

January 10, 2013

PAYMENT REQUEST FORM

PAYEE: Larry Skorepa
29922 435th Ave
Utica SD 57067

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

DESCRIPTION OF SERVICE, PRODUCE OR TRANSFER

Refund on 7436-3 (overpayment)

AMOUNT: \$100.00

FUNDING SOURCE:

GENERAL: X

FEDERAL:

COMMENTS:

AUTHORIZATION:

 1-10-13

I declare and affirm under the penalties of perjury that this claim is in all things, true and correct. I further agree to comply with the provisions of the Civil Rights Act of 1964 and regulations issued thereunder relating to nondiscrimination in federal assisted programs.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

denr.sd.gov

January 10, 2013

Larry Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. Skorepa:

I am writing in regard to Water Permit No. 7436-3 which you should have received earlier this week. An application/license filing fee of \$1,250.00 was submitted in August. The correct fee is \$1,150.00 for irrigation of 185 acres. Therefore, \$100.00 will be refunded to you. The refund check should be received within the next couple of weeks.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352



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 24, 2014

NOTICE

TO: LARRY SKOREPA, 29922 435TH AVE, UTICA, SD 57067

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

SUBJECT: Reporting Requirement for 2013 Irrigation Questionnaire(s)

Our records indicate that the 2013 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 7436-3. The request for the Questionnaire was dated October 18, 2013. The Water Management Board has directed that owners of water permits who have not submitted the 2013 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) 7436-3 qualification:

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

The hearing will be held at **9:00 am, March 6, 2014** 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) 7436-3 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 3, 2014**, 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.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 21, 2014

7436-3

Larry Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. Skorepa:

I am writing to acknowledge receipt of your 2013 irrigation questionnaire.

You may disregard the January 24, 2014, "Notice" concerning reporting requirements for Water Permit No. 7436-3. 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 cursive script that reads "Genny McMath".

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



7436-3
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 15, 2016

NOTICE

TO: LARRY SKOREPA, 29922 435TH AVE, UTICA, SD 57067

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

SUBJECT: Reporting Requirement for 2015 Irrigation Questionnaire(s)

Our records indicate your 2015 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 7436-3 & 8073-3. The request for the Questionnaire was dated October 23, 2015. The Water Management Board has directed that owners of water permits who have not submitted the 2015 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) 7436-3 & 8073-3 qualification:

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

The hearing will be held at **Thursday, March 3, 2016 at 9:30 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) 7436-3 & 8073-3 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, 2016** 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.



7436-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

January 22, 2016

7436-3
8073-3

Larry Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. Skorepa:

I am writing to acknowledge receipt of the information for your 2015 irrigation questionnaires. I completed forms for you based on our phone conversation.

You may disregard the January 15, 2016, "Notice" concerning reporting requirements for Water Permit Nos. 7436-3 and 8073-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

During our phone conversation you indicated you were considering adding another pivot system and increasing the acreage you are currently irrigating. Enclosed is a set of application forms and an instruction sheet for your use. If you have any questions, please contact me.

Sincerely,

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

enclosures



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: LARRY SKOREPA, 29922 435TH AVE, UTICA, SD 57067

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) 7436-3, 8073-3 & 8275-3. 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) 7436-3, 8073-3 & 8275-3 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) 7436-3, 8073-3 & 8275-3 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: YCONCC**

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.



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

March 2, 2021

7436-3
8073-3
8275-3

Larry Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. Skorepa:

I am writing to acknowledge receipt of your 2020 irrigation questionnaires. They came in online on January 25th.

You may disregard the January 22, 2021, "Notice" concerning reporting requirements for Water Permit Nos. 7436-3, 8073-3 & 8275-3. 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
Genny.mcmath@state.sd.us

**Report of Examination of Works and/or Application of Water to Beneficial Use
For Permit No. 7436-3**

I have this day, May 25, 2021, made a thorough examination of the water use system owned by Larry Skorepa, 29922 435th Ave, Utica, SD 57067, holder of Permit No. 7436-3, bearing the priority of August 2, 2012 authorizing the diversion of 2.0 cu. ft. per second of the waters of groundwater (Lower James Missouri: Scotland) for the irrigation of 185 acres located in Yankton County.

Inspection contact: Larry Skorepa

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Hammond Wetmore Drilling
- 2) No. of Wells: 1
- 3) Depth(s): 142 feet
- 4) Well log is available: Yes

Casing:

- 1) Diameter: 16 inches
- 2) Length: 80 feet
- 3) Type: Plastic

Screen:

- 1) Diameter: 16 inches
- 2) Length: 60 feet
- 3) Type: PVC
- 4) Static water level: 62 feet

Pump:

- 1) Make: Grundfos
- 2) Model: 800S500
- 3) Capacity: 800 gpm

Motor:

- 1) Make: Grundfos
- 2) Model No.: MMS 6000
- 3) Horsepower rating: 50 hp

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

Well to the North Center Pivot

- | | | |
|---------------------|--------------------------|------------------------------|
| 1) Type: <u>PVC</u> | 2) Size: <u>8</u> inches | 3) Length: <u>1,450</u> feet |
|---------------------|--------------------------|------------------------------|

Well to the South Center Pivot

- | | | |
|---------------------|--------------------------|----------------------------|
| 1) Type: <u>PVC</u> | 2) Size: <u>8</u> inches | 3) Length: <u>960</u> feet |
|---------------------|--------------------------|----------------------------|

C. Works used to apply water to beneficial use:**North Center Pivot:**

- 1) Make: Zimmatic
- 2) Overall length: 1198 feet
- 3) Number of towers: 7
- 4) End gun: Yes
- 5) Capacity: 800 gpm

Chemigation Equipment:

- 1) Does chemigate: Yes
- 2) Main line check valve: Yes
- 3) Inspection port/air relief: Yes
- 4) Low pressure drain: Yes
- 5) Discharge is 20' from source: Unknown
- 6) Interlock type: Electrical
- 7) Injection pump: Positive Displacement
- 8) Injection check valve: Yes
- 9) Injection line check valve or positive displacement pump: Yes

South Center Pivot:

- 1) Make: Zimmatic
- 2) Overall length: 986 feet
- 3) Number of towers: 6
- 4) End gun: Yes
- 5) Capacity: 800 gpm

Chemigation Equipment:

- 1) Does chemigate: Yes
- 2) Main line check valve: Yes
- 3) Inspection port/air relief: Yes
- 4) Low pressure drain: Yes
- 5) Discharge is 20' from source: Unknown
- 6) Interlock type: Electrical
- 7) Injection pump: Positive Displacement
- 8) Injection check valve: Yes
- 9) Injection line check valve or positive displacement pump: Yes

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 50 feet west and 2,020 feet south of the northeast corner of Section 8-T95N-R56W
(Latitude 43.062290, Longitude -97.478090 – SE1/4 of the NE1/4).
- a. The works are capable of diverting and conveying to the place of use 1.78 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 the Section 8-T95N-R56W:

<u>NW1/4NE1/4</u>	<u>31 acres</u>
<u>NE1/4NE1/4</u>	<u>34 acres</u>
<u>SW1/4NE1/4</u>	<u>25 acres</u>
<u>SE1/4NE1/4</u>	<u>38 acres</u>
<u>NE1/4SE1/4</u>	<u>31 acres</u>

comprising a total of 159 acres of land and the license should be issued for 1.78 cfs.

- 2) All structures, wells and lands on map Yes

F. Comments or other permit(s) associated with the project: Mr. Skorepa stated that he has used chemigation at least once in the past. He has not used it for a few years, but he may use it in the future. There was not any chemigation equipment at the well site and he stated that he keeps it in his workshop.

Keith DeJong

Keith DeJong
Water Rights Inspector
DENR, Water Rights Program

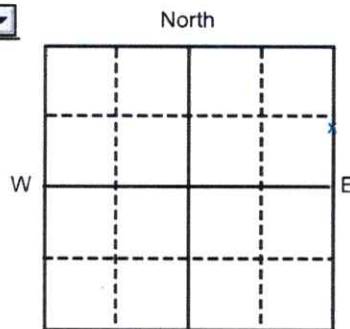
Date report completed: June 14, 2021

7436-3

SD EForm - 1621LD V1

11-02

SOUTH DAKOTA WATER WELL COMPLETION REPORT

Location se $\frac{1}{4}$ ne $\frac{1}{4}$ Sec 8 Twp 95n Rg 56wCounty YanktonPlease mark well
location with an "X"

Well Completion Date

Feb. 17, 2013

1 Mile

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

>3000 ft. from septic tank (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Direct Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>sdr26</u> LB/FT	<u>16</u> IN	<u>0</u> FT	<u>80</u> FT	<u>22</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>bent grt</u>	<u>25</u>	<u>9.5</u> Lb/gal	<u>0</u> Ft	<u>74</u> Ft
		Lb/gal	Ft	Ft

Describe grouting procedure

tremie method

SCREEN:

☐ Perforated pipe ☒ Manufactured
 Diameter 16 Inches Length 60 Feet
Material pvcSlot Size 0.060 Set From 80 Feet to 140 Feet

Other information

WAS A PACKER OR SEAL USED? ☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? hth tablets☐ No, Why Not?Lab to which water
quality sample sent for analysisWell Owner: Larry Skorepa

Business Name:

Address: 29922 435 aveCity, State, Zip: Utica ☒ SD ☒ 57067

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Clay, brown, very sandy, pebbly</u>	<u>0</u>	<u>18</u>
<u>Gravel, coarse to medium</u>	<u>18</u>	<u>53</u>
<u>Sand, fine to medium</u>	<u>53</u>	<u>56</u>
<u>gravel, medium to coarse</u>	<u>56</u>	<u>142</u>

STATIC WATER LEVEL 62 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: air lift development☐ Bailed☒ Other

Pumping Level Below Land Surface

_____ Ft. After _____ Hrs. pumped _____ GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 800 GPM

REMARKS

This well was drilled under license # 666 and this report is true and accurate.Drilling firm: Hammond Wetmore Drilling

Signature of License Representative:

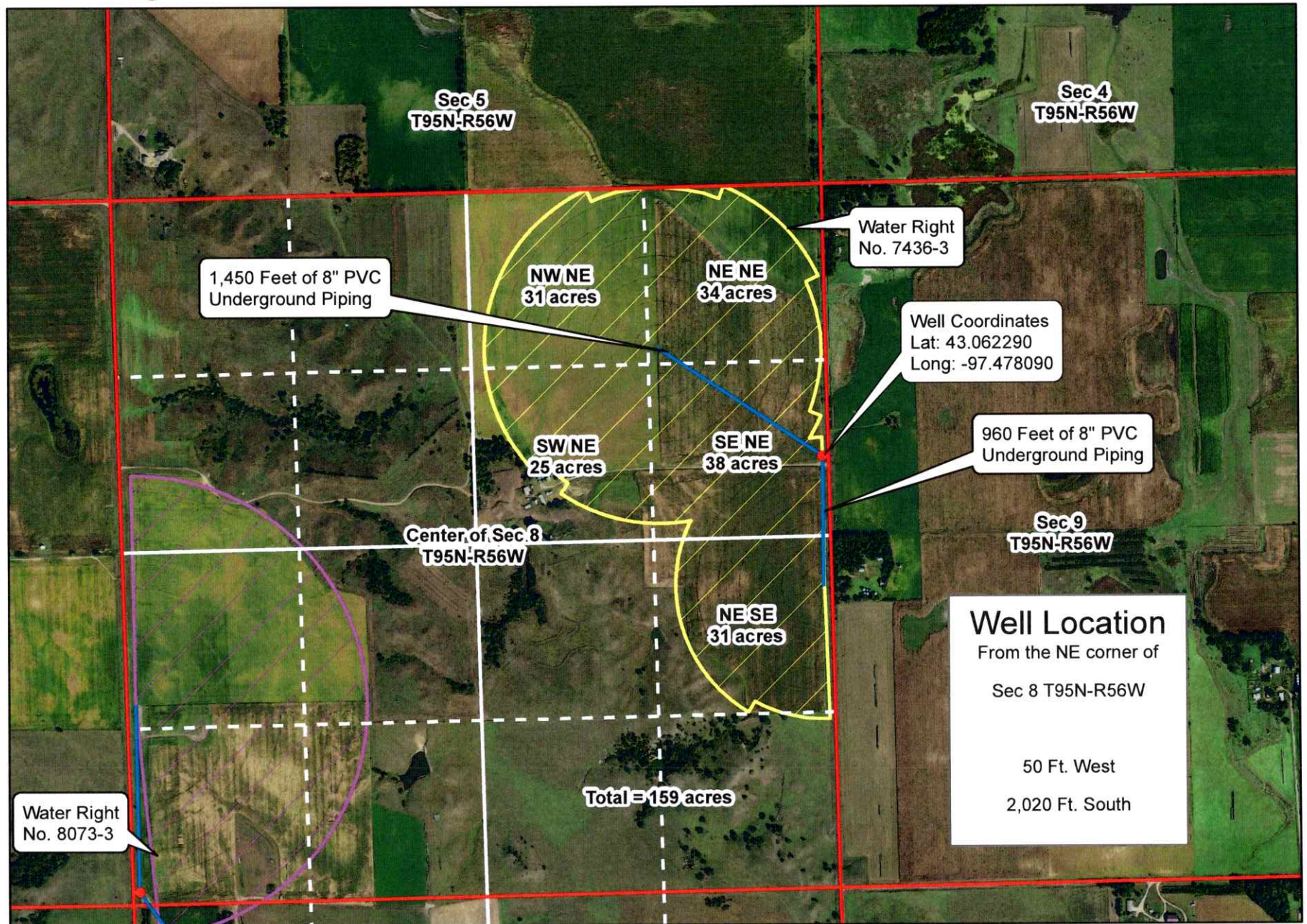
Richard Hammond

Signature of Well Owner or Equitable Property Holder:

Date:

6/14/2021

Water Right No. 7436-3



Keith DeJong
Keith DeJong, PE
Staff Engineer
June 2, 2021



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

7436-3

JUN 17 2021

Larry Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. Skorepa:

Enclosed is Water License No. 7436-3. 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.

As 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,

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

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 7436-3

(1) Larry Skorepa, 29922 435th Ave., Utica SD 57067 made Application No. 7436-3, August 2, 2012 for a water permit to divert 2.00 cubic feet of water per second from ground water, two wells (Lower James Missouri Scotland Aquifer), Yankton County, South Dakota for irrigation purposes. Permit No. 7436-3, with a priority date of August 2, 2012 was approved December 3, 2012 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before December 3, 2017 and for the application to beneficial use of water on or before December 3, 2021.

(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 1.78 cubic feet of water per second for beneficial use. The location of the diversion point is as follows:

- 50 feet west and 2,020 feet south of the northeast corner of Section 8, T95N, R56W (SE $\frac{1}{4}$ NE $\frac{1}{4}$)
Latitude 43.062290, Longitude -97.478090

(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:

T95N, R56W Section 8	NW $\frac{1}{4}$ NE $\frac{1}{4}$	31 acres	NE $\frac{1}{4}$ SE $\frac{1}{4}$	31 acres
	NE $\frac{1}{4}$ NE $\frac{1}{4}$	34 acres		
	SW $\frac{1}{4}$ NE $\frac{1}{4}$	25 acres		
	SE $\frac{1}{4}$ NE $\frac{1}{4}$	38 acres		
			Total 159 acres	

(4) Pursuant to South Dakota Water Law 46-5-30.1 Larry Skorepa, 29922 435th Ave., Utica SD 57067 the holder and/or owner of Water Right No. 7436-3 is issued a license to appropriate water, the right to use 1.78 cubic feet of water per second from ground water, one well (Lower James Missouri Scotland Aquifer) with a priority date of August 2, 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. 7436-3 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. 7436-3 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 February 2013 by Hammond Wetmore Drilling. 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 Agriculture and Natural Resources

JUN 17 2021

date

