

**WATER PERMIT NO. 7348A-3**

Name of Applicant: **Michael Sentell**

Address: **18690 398<sup>th</sup> Ave, Hitchcock SD 57348**

Phone: **605 354-4998**

Amount of Water Claimed: **1.0 cfs**

Total Acres: **66 acres**

Source of Water Supply: **groundwater (1 well)**

Water to be used for: **irrigation**

County: **Spink**

Type of Waste Disposal System:

Location: **8 miles northeast of Hitchcock**

**PRIORITY**

Date Received: **2-28-17**

Application/License Fee: **\$ 300**

Corrected Application Received: **3-14-17**

Period of Annual Use: **May 1 – September 30**

Remarks: **Transferring acres and diversion rate authority**

Diversion Point: **S 1/2 SW 1/4 Sec 11-T114N-**

**R62W**

Land to be Irrigated: **S 1/2 SW 1/4 Sec 11-T114N-**

**R62W**

Depth of Well: **90 feet deep**

Well Driller:

Remarks:

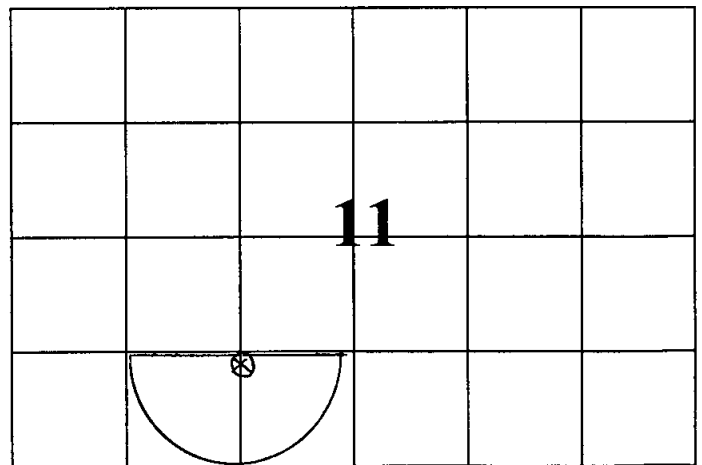
Type of Map: **aerial**

Prepared by: **Eric Gronlund**

Reviewed and the Number Assigned on: **3-14-17**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: \_\_\_\_\_



originally submitted  
2-28-2017

|                                                                                                         |                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mail to:<br><br>DENR - Water Rights<br>523 E Capitol Ave<br>Pierre, SD 57501-3182<br>ph. (605) 773-3352 | (office use only)<br>No. <u>7348A-3</u> Hydrologic Unit <u>10160006</u><br>Basin <u>James River</u><br>Newspaper <u>Redfield Press, Redfield</u><br><u>Plainsman, Huron</u> |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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MAR 14 2017

WATER RIGHTS  
PROGRAM

## Application For Permit To Appropriate Water For Irrigation

Type of Application: ☐ New ☐ Vested Right ☒ Amendment/Correction to Permit No. 7348-3  
(Use predates Mar 2, 1955)

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

move diversion point for 66 acres from NW 1/4 Section 13  
NW 1/4, W 1/2 SE 1/4, SE 1/4 SW 1/4, Section 14, all in T114N R62W  
1. Name to Appear on Irrigation Permit Michael Sentell

Note: The "Name to Appear on Irrigation Permit" must be the name in which the property to be irrigated is held in.

Mailing Address 18690 398th ave. Hitchcock SD 57349  
(Address) (City) (State) (Zip Code)Phone 605-266-2780 Mobile 605 354-4998 Email \_\_\_\_\_2. Amount of water claimed 1.0 \*CFS or 450 \*\*GPM \*\*\*AF Total Acreage 66  
(\*Cubic Feet per Second) (\*\*Gallons per Minute) (\*\*\*) Acre Feet - storage capacity of dam/dugout or annual use if applicable)3. Source of water supply drill Well on SW 1/4 Sec. 11 T114 N R62 W4. Location of point of diversion Well on Sec. 11 T114 N R62 W  
(example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W)5 1/2 SW 1/4 County SPink5. County or counties where water will be used SPink6. Annual period during which water is to be used May thru September 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 |
|--------------------------------|-------|------------------|-------|
| SE 1/4 of SW 1/4 sec 11 114-62 | 33    |                  |       |
| SW 1/4 of SW 1/4 sec 11 114-62 | 33    |                  |       |
|                                |       |                  |       |
|                                |       |                  |       |

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

This project would make better use of water. The end guns don't water the corners good enough. By moving permitted areas from Sec 13 Sec 14 to Sec 11, I could get 66 acres under a center pivot. It would make better use of water. I would have better crops on 66 acres.

1. Michael Sentell

Name of Person

Title (if applicable)

\_\_\_\_\_, the applicant, certify under penalty of perjury that I have read this application, examined the attached map, and that the matters stated are true. I further certify, if acting on behalf of an entity or individual other than myself, that I am authorized to submit this application.

**SOUTH DAKOTA**  
**WATER PERMIT NO. 7348A-3**

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Date of first receipt of application March 14, 2017.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7348A-3 to Michael Sentell, 18690 398<sup>th</sup> Ave, Hitchcock SD 57348 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. 7348A-3 amends Water Permit No. 7348-3 by transferring a portion of the authority to irrigate acreage to other land and diversion rate authority to an additional well. Water Permit No. 7348-3 appropriates 5.33 cubic feet of water per second (cfs) from three wells completed into the Tulare:East James Aquifer for irrigation of 440 acres located in the NW 1/4 Section 13, NW 1/4, W 1/2 SE 1/4, SE 1/4 SW 1/4 Section 14; all in T114N-R62W. This permit authorizes transferring the location of 66 of the 440 acres to the S 1/2 SW 1/4 Section 11-T114N-R62W. The diversion rate authority of 1.0 cfs under Water Permit No. 7348-3 will be transferred to an additional well to be completed in the Tulare:East James Aquifer (90 feet deep) located in the S 1/2 SW 1/4 Section 11-T114N-R62W. There will be no increase in the diversion rate or number of acres authorized by Water Permit No. 7348-3 from the Tulare:East James aquifer.
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 April 11, 2012 (established by Water Permit No. 7348-3).
4. The date of approval of Permit No. 7348A-3 is May 8, 2017.
5. One-fifth of the construction is to be completed on or before November 8, 2019.
6. All construction is to be completed on or before May 8, 2022.
7. Water is to be put to beneficial use on or before May 8, 2026.
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. 7348A-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: 

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

MAY 22 2017

date



## Supplemental Information

(type or print)

**1. Well Information** (check one or both as applicable) ☒ Drilling new well(s) ☐ Using existing well(s)a) If new wells, how many 1 Have test holes been drilled ☐ Yes ☒ No Drilled by \_\_\_\_\_  
(if yes, please provide copies of logs)

b) If existing wells, how many \_\_\_\_\_ Provide copy of log(s), if available. Drilled by \_\_\_\_\_

For either Existing or Proposed Wells:

c) Well Depth (required) 90 Depth to Top of Water Bearing Material 20 Depth to Water from Surface 20d) Distance to nearest domestic well on applicant's property 1/2 mile Property owned by others 1 1/2 mile**2. Wastewater Disposal System Information** not apply

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**

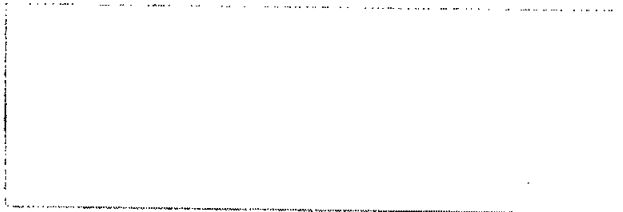
a) Surface Dimensions \_\_\_\_\_ Depth \_\_\_\_\_

b) Depth to water (ground surface to water level) \_\_\_\_\_

**4. Water Storage Dams** not apply

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 &amp; Y Slope (e.g. 3 to 1 is a typical slope)

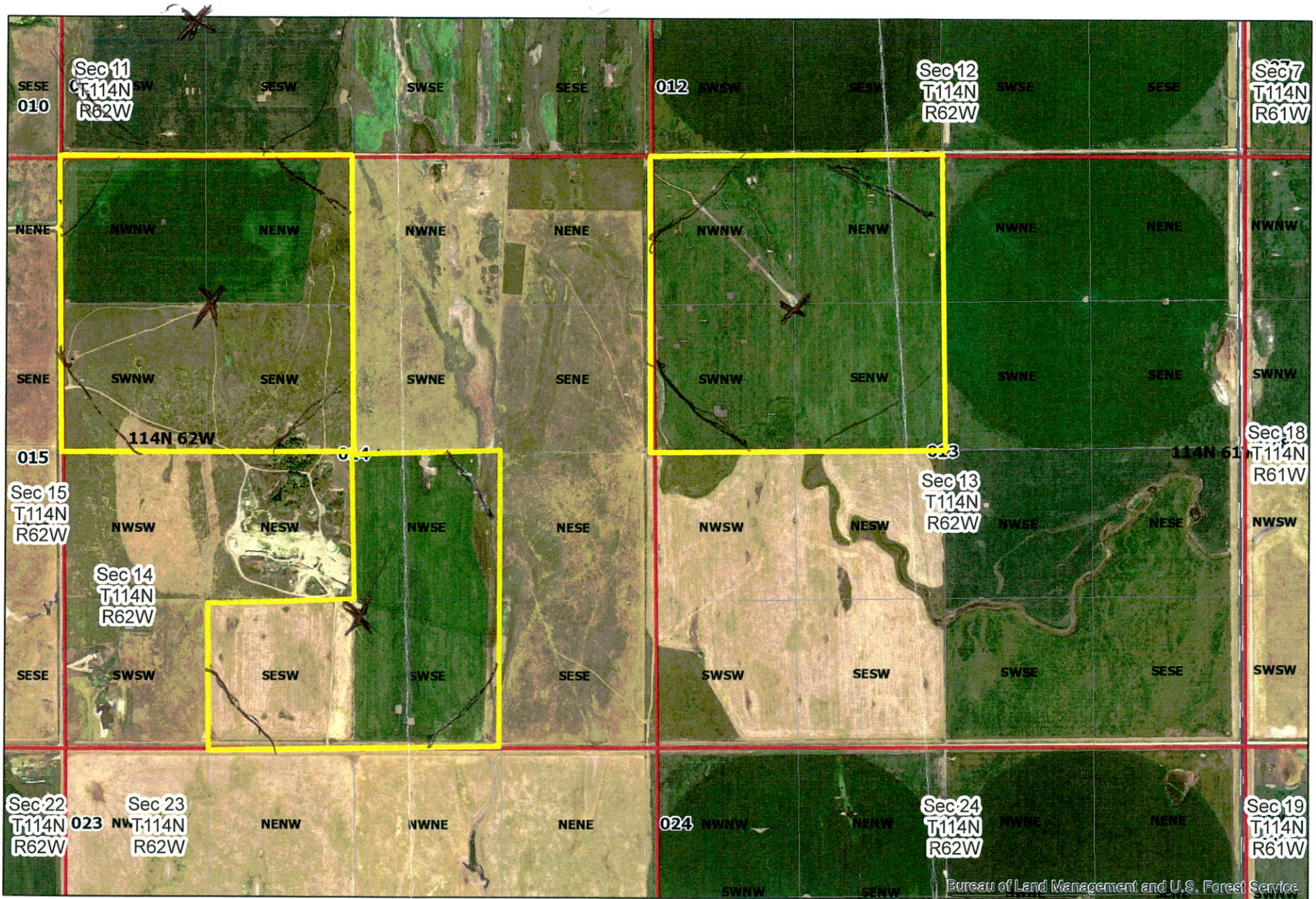
Upstream \_\_\_\_\_

Downstream \_\_\_\_\_

h) Surface Area of Impoundment \_\_\_\_\_

i) Storage \_\_\_\_\_ Acre Feet

j) Drainage Area Above Dam \_\_\_\_\_ Acres

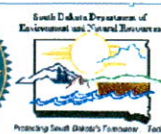


land covered under Water Permit No. 7348-3  
(40 acres in each quarter-quarter section for a total of 440 acres)

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Bureau of Land Management and U.S. Forest Service

# RECEIPT

## WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 3/14, 20 17

RECEIVED OF Mike Sentell 18690 398th Ave Hitchcock SD 57348

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

|                                                                                                                         |       |        |
|-------------------------------------------------------------------------------------------------------------------------|-------|--------|
| Fee for Application for Permit No. <u>7348A-3</u> to Appropriate Water, to construct and to put water to beneficial use | 100   | 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>7348A-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 | 300 00 |

No. **08195**

By Jeanne Goodmark  
Chief Engineer



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WATER RIGHTS  
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DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

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

denr.sd.gov

March 10, 2016

Michael Sentell  
18690 398<sup>th</sup> Avenue  
Hitchcock SD 57348

Dear Mr. Sentell:

You contacted me about the potential to transfer a portion of the acres under Water Permit No. 7348-3 to a new location. SD Codified Law 46-5-34 provides a process to allow the transfer of acres to a new location.

SDCL 46-5-34. Irrigation rights appurtenant to land--Amendment of permit required for severance and transfer. All water used in this state for irrigation purposes shall remain appurtenant to the land upon which it is used. However, if for any reason it should become impracticable to use all or any part of the water beneficially or economically for irrigation of any land to which the right of its use is appurtenant, all or any part of the right may be severed from the land and simultaneously transferred and become appurtenant to other land without losing priority of right previously established, subject to existing rights, upon approval of an application for an amended permit. No increase in total acres irrigated may be allowed under this section.

This is an application to amend the existing water permit that will be reviewed and public noticed. The application will need to include which existing permitted acres are to be transferred and where they are to be transferred.

Enclosed is the following:

- Application forms and an instruction sheet
- Water Permit No. 7348-3 as issued
- A map outlining the current acres authorized by Water Permit No. 7348-3.

As always, if you have any questions, do not hesitate to contact me.

Sincerely,

Eric Gronlund  
Water Rights Program, DENR  
605 773-3352  
[eric.gronlund@state.sd.us](mailto:eric.gronlund@state.sd.us)

enclosures



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

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

[denr.sd.gov](http://denr.sd.gov)

March 1, 2017

Michael Sentell  
18690 398<sup>th</sup> Ave  
Hitchcock SD 57348

Dear Mr. Sentell:

Thank you for submitting the *Application for a Permit to Appropriate Water* to amend Water Permit No. 7348-3 in Spink County. In order to complete the application, the following is required.

- The application requests the transfer of 600 gallons per minute (gpm) from the 2,400 gpm authorized by Water Permit No. 7345-3. A review of your 2016 irrigation questionnaire identifies the wells produce 650 gpm each. If this amount is correct, there would only be 450 gpm remaining diversion authority to transfer.
- Will adjustments be made to the pumps in the three existing wells? Please explain.
- As you are aware, the Tulare:East James Aquifer is a fully appropriated aquifer and DENR will need assurance the authorized diversion rate of 2,400 gpm is not exceeded.
- The application/license filing fee will be \$300.00.

If you have any questions, please contact Eric Gronlund or me.

Sincerely,

Karen Schlaak  
Water Rights Program  
605 773-3352  
[karen.schlaak@state.sd.us](mailto:karen.schlaak@state.sd.us)

March 12, 2017

Karen Schlaak

Dept. of Environment & Natural Resources

Joe Foss Bldg.

523 E Capitol

Pierre, SD 57501-3182

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MAR 14 2017

WATER RIGHTS  
PROGRAM

Dear Ms Schlaak,

I received your letter dated March 1, 2017 in regards to amending water permit #7348-3 in Spink County.

I had asked to transfer 600 gpm of the 2400 gpm authorized by the permit and in order to do this we would have had to change nozzles to use only 600 gpm on each well. In talking to Farmers Implement and Irrigation of Brookings, it was decided that 450 gpm would be sufficient for the 5080 Acres on Sec 11, T114N R62W. Therefore, the other 3 irrigation units can stay at 650 gal. per minute.

I have sent an amended permit to show these changes.

If you have any further questions, please let me know.

Sincerely,  
Mike Seiff



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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

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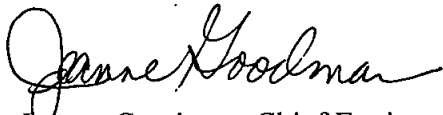
**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT  
APPLICATION NO. 7348A-3, Michael Sentell**

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. 7348A-3, Michael Sentell, 18690 398<sup>th</sup> Avenue, Hitchcock SD 57348.

The Chief Engineer is recommending APPROVAL of Application No. 7348A-3 because the proposed diversion can be developed without unlawful impairment of existing rights 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. 7348A-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.

  
Jeanne Goodman, Chief Engineer  
April 21, 2017

NOTE: If this application is approved, Water Permit No. 7348-3 will be reissued for 4.33 cfs for irrigation of 374 acres in the NW ¼ Section 13 and NW ¼, SE ¼ SW ¼, W ½ SE ¼ Section 14; all in T114N, R62W from the three well locations described on Water Permit No. 7348-3.

Permit Nos. 7348-3 and 7348A-3 will be separate water permits.

Report to the Chief Engineer  
Water Permit Application No. 7348A-3  
Michael Sentell  
April 3, 2017

Water Permit Application No. 7348A-3 proposes to amend Water Permit No. 7348-3 by transferring a portion of the authority to irrigate acreage to other land and a portion of the diversion rate authority to an additional well. Water Permit 7348-3 appropriates 5.33 cubic feet of water per second (cfs) from three wells completed into the East James management unit of the Tulare aquifer (Tulare: East James aquifer) for the irrigation of 440 acres located in the NW  $\frac{1}{4}$  Section 13, NW  $\frac{1}{4}$ , W  $\frac{1}{2}$  SE  $\frac{1}{4}$ , SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  Section 14; all in T114N-R62W. This application proposes to transfer the authority to irrigate acreage for 66 of the 440 acres authorized for irrigation under Water Permit No. 7348-3 to the S  $\frac{1}{2}$  SW  $\frac{1}{4}$  Section 11-T114N-R62W. The diversion rate authority of 1.0 cfs from Water Permit No. 7348-3 will be transferred to an additional well to be completed in the Tulare: East James aquifer located in the S  $\frac{1}{2}$  SW  $\frac{1}{4}$  Section 11-T114N-R62W in Spink County.

**Aquifer: East James management unit of the Tulare aquifer (T: EJ)**

**South Dakota Codified Law (SDCL) 46-5-34**

SDCL 46-5-34 allows that, "All water used in this state for irrigation purposes shall remain appurtenant to the land upon which it is used. However, if for any reason it should become impracticable to use all or any part of the water beneficially or economically for irrigation of any land to which the right of its use is appurtenant, all or any part of the right may be severed from the land and simultaneously transferred and become appurtenant to other land without losing priority of right previously established, subject to existing rights, upon approval of an application for an amended permit. No increase in total acres irrigated may be allowed under this section."

Information provided in the application by Mr. Sentell indicates that the requested transfer of acres and diversion rate would make better use of the water. This permit, if approved, would share the priority date of Water Permit No. 7348-3 of April 11, 2012. This permit, if approved, would not extend the construction completion date under Water Permit No. 7348-3 of December 6, 2017. Additionally, the Water Management Board has determined that based on best available information the Tulare: East James aquifer is fully appropriated, and any additional appropriations from the aquifer would exceed the estimated average annual recharge to the aquifer.

**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, 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. Since no increase in total diversion rate or increase of irrigated acres is requested by this application, no additional water would be appropriated by this application. Therefore, only the effects of this proposed transfer of acres and diversion rate authority on existing water rights/permits and domestic users will be addressed in this report.

### **Existing Water Rights**

The approximate locations of currently authorized water rights/permits appropriating water from the Tulare: East James aquifer in the area of the proposed well location for this application are shown in Figure 1 and summarized in Table 1. The nearest water right/permit not held by the applicant is Water Right No. 7316-3 located approximately 0.9 miles east of the proposed well location. There are several domestic/stock well completion reports on file with the South Dakota Water Rights Program with driller reported locations that are within approximately one mile of the proposed well location for this application, some of which are likely completed into the Tulare: East James aquifer (Water Rights, 2017c).

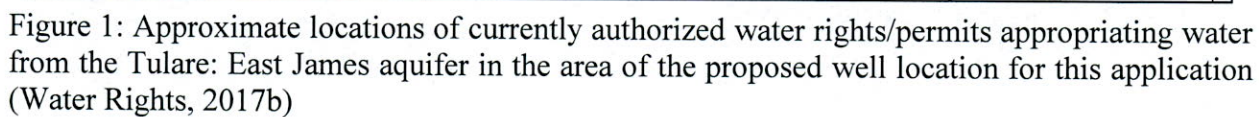


Figure 1: Approximate locations of currently authorized water rights/permits appropriating water from the Tulare: East James aquifer in the area of the proposed well location for this application (Water Rights, 2017b)

Table 1: Summary of Water Rights/Permits in Figure 1 (Water Rights, 2017b)

| Permit No. | Name                         | Status | Use | Rate (cfs) | Acres |
|------------|------------------------------|--------|-----|------------|-------|
| 1504A-3    | Harvey Wollman               | LC     | IRR | 1.66       | 136   |
| 2418-3     | Jeffery Gatzke               | LC     | IRR | 1.94       | 136   |
| 3063-3     | Harvey Wollman               | LC     | IRR | 3.89       | 272   |
| 3378-3     | Gordie J. Hofer              | LC     | IRR | 1.88       | 136   |
| 4612A-3    | Oscar Inc.                   | LC     | IRR | 1.78       | 132   |
| 6341-3     | Jeffery Gatzke               | LC     | IRR | 3.6        | 262   |
| 6655-3     | Oscar Inc.                   | LC     | IRR | 1.78       | 132   |
| 6711A-3    | Oscar Inc.                   | LC     | IRR | 3.57       | 270   |
| 6712A-3    | Lenny Peterson               | LC     | IRR | 1.78       | 135   |
| 7235A-3    | Trent, Jeb, & Shane Peterson | PE     | IRR | 1.94       | 136   |
| 7316-3     | Van Buskirk Farms LLP        | LC     | IRR | 3.56       | 272   |
| 7348-3     | Michael Sentell              | PE     | IRR | 5.33       | 440   |

IRR-irrigation, PE-water permit, LC-water license

Figure 2 shows the hydrograph for observation wells SP-77U monitoring the Tulare: East James aquifer. Observation well SP-77U is located about 1.1 miles northeast of the proposed well location for this application. Observation well SP-77U is within one mile of five irrigation wells completed into the Tulare: East James. The hydrograph for this observation well shows limited to no impacts of drawdown from the pumping of the five nearby irrigation wells. Additionally, in this area the Tulare: East James aquifer is under water table conditions, so any drawdown as a result of pumping is not expected to be significant far from the wellsite. Therefore, there is a reasonable probability that pumping under this permit, if approved, will not impair water rights/permits with a senior priority date or adversely impact domestic wells in the area. The Water Management Board has defined an adversely impacted domestic well as “a well in which the pump intake was set at least 20 feet below the top of the aquifer at the time of construction or, if the aquifer is less than 20 feet thick, is as near to the bottom of the aquifer as is practical and the water level of the aquifer has declined to a level that the pump will no longer deliver sufficient water for the well owner's needs.”

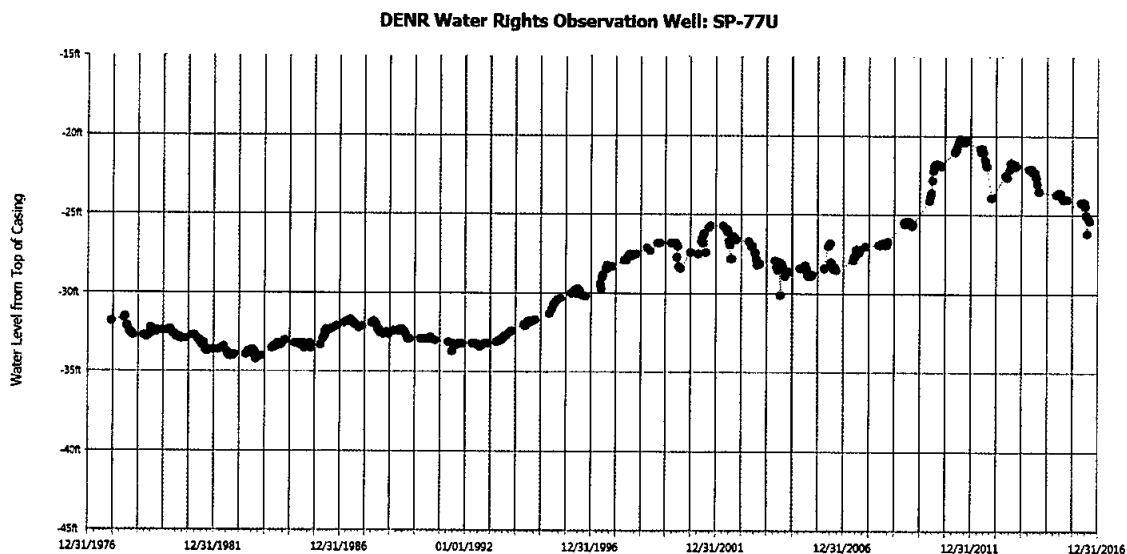


Figure 2: Hydrograph of Observation well SP-77U (Water Rights, 2017a)

## Conclusions

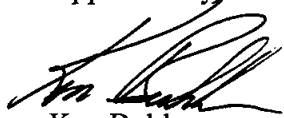
1. Water Permit Application No. 7348A-3 proposes to amend Water Permit No. 7348-3 by transferring a portion of the authority to irrigate acreage and a portion of the diversion rate authority to an additional well.
2. Water Permit 7348-3 appropriates 5.33 cfs from three wells completed into the Tulare: East James aquifer for the irrigation of 440 acres located in the NW  $\frac{1}{4}$  Section 13, NW  $\frac{1}{4}$ , W  $\frac{1}{2}$  SE  $\frac{1}{4}$ , SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  Section 14; all in T114N-R62W.
3. The application proposes to transfer the authority to irrigate acreage for 66 of the 440 acres authorized for irrigation under Water Permit No. 7348-3 to the S  $\frac{1}{2}$  SW  $\frac{1}{4}$  Section 11-T114N-R62W. The diversion rate authority of 1.0 cfs from Water Permit No. 7348-3 will be transferred to an additional well to be completed in the Tulare: East James aquifer located in the S  $\frac{1}{2}$  SW  $\frac{1}{4}$  Section 11-T114N-R62W.
4. The Tulare: East James aquifer is considered fully appropriated. However, this application is not requesting any increase in water or diversion rate, and therefore, there is no need to consider if unappropriated water is available from the aquifer.
5. There is a reasonable probability that this permit, if approved, will not impair existing water rights/permits.

6. SDCL 46-5-34 allows for the transfer of acres authorized for irrigation should it become impracticable to use all or any part of the water beneficially or economically for irrigation.

  
Whitney Kilts

SDDENR-Water Rights Program

Approved by

  
Ken Buhler

SDDENR-Water Rights Program

## References

Water Rights. 2017a. Observation Well Files, SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.

Water Rights. 2017b. Water Right/Permit Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.

Water Rights. 2017c. Well Completion Reports. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

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

denr.sd.gov

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

April 21, 2017

Michael Sentell  
18690 398<sup>th</sup> Ave  
Hitchcock SD 57348

Dear Mr. Sentell:

Water Permit Application No. 7348A-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 Redfield Press printed at Redfield SD (Ph # 605-472-0822) and the Plainsman printed at Huron SD (Ph # 605-353-7414). 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.

---

NOTICE OF APPLICATION NO. 7348A-3 to Amend Water Permit No. 7348-3

Notice is given that Michael Sentell, 18690 398<sup>th</sup> Ave, Hitchcock SD 57348 has filed Application No. 7348A-3 which requests to amend Water Permit No. 7348-3 by transferring a portion of the authority to irrigate acreage to other land and diversion rate authority to an additional well. Water Permit No. 7348-3 appropriates 5.33 cubic feet of water per second (cfs) from three wells completed into the Tulare:East James Aquifer for irrigation of 440 acres located in the NW 1/4 Section 13, NW 1/4, W 1/2 SE 1/4, SE 1/4 SW 1/4 Section 14; all in T114N-R62W. This application proposes to transfer the location of 66 of the 440 acres to the S 1/2 SW 1/4 Section 11-T114N-R62W. The diversion rate authority of 1.0 cfs under Water Permit No. 7348-3 will be transferred to an additional well to be completed in the Tulare:East James Aquifer (90 feet deep) located in the S 1/2 SW 1/4 Section 11-T114N-R62W. No increase in the diversion rate or number of acres authorized by Water Permit No. 7348~~A~~-3 from the Tulare:East James aquifer is requested.

State Law (SDCL 46-5-34) allows an irrigation permit to be severed from one parcel of land and simultaneously transferred to another parcel if it becomes impracticable to use all or any part of the water beneficially or economically for irrigation on the current land. Mr. Sentell indicates this proposed project would make better use of the water.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7348A-3 with qualifications because existing rights will not be unlawfully impaired. The Chief Engineer's recommendation with qualifications, the application, and staff report are available at <http://denr.sd.gov/public> or contact Eric Gronlund for this information, or other information, at the Water Rights Program address provided below.

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 May 8, 2017.

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.

If the applicant does not contest the recommendation of the Chief Engineer and no petition to oppose the application is received, the Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. 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.

Steven M. Pirner, Secretary, Department of Environment and Natural Resources. Published once at the total approximate cost of \_\_\_\_\_.

## Schlaak, Karen

---

**From:** Schlaak, Karen  
**Sent:** Friday, April 21, 2017 9:16 AM  
**To:** Ruby Crandall (rnewman.plainsman@midconetwork.com)  
**Subject:** 7348A-3, Michael Sentell  
**Attachments:** 7348A-3public.short.docx; FORM8.FRM.doc

Attached is a notice to be published on April 26, 2017.

Michael Sentell, 18690 398<sup>th</sup> Ave, Hitchcock SD 57348 (cell 605 354-4998) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

*Karen Schlaak*  
SD DENR, Water Rights Program  
(605) 773-3352



## Schlaak, Karen

---

**From:** Schlaak, Karen  
**Sent:** Friday, April 21, 2017 9:16 AM  
**To:** 'office.redpress@midconetwork.com' (office.redpress@midconetwork.com)  
**Subject:** 7348A-3, Michael Sentell  
**Attachments:** 7348A-3public.short.docx; FORM8.FRM.doc

Attached is a notice to be published on April 26, 2017.

Michael Sentell, 18690 398<sup>th</sup> Ave, Hitchcock SD 57348 (cell 605 354-4998) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP.

Let me know if you have questions. Please acknowledge receipt of this email.

*Karen Schlaak*  
SD DENR, Water Rights Program  
(605) 773-3352



# Affidavit of Publication

RECEIVED

MAY - 8 2017

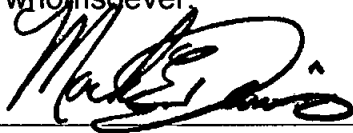
WATER RIGHTS  
PROGRAM

STATE OF SOUTH DAKOTA,  
County of Spink: ss.

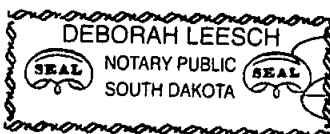
I, Mark E. Davis, of said County & State, being first duly sworn on oath, say that THE REDFIELD PRESS is a legal weekly newspaper as defined in Sec. 65.0508 South Dakota Code 1939, as amended by Chapter 298 of the Session of Laws of 1939, printed and published in the English language in the City of Redfield, in said County and State, by THE REDFIELD PRESS, and has been such newspaper during the time hereinafter mentioned, and that I Mark E. Davis, the undersigned, am Publisher of said newspaper in charge of the advertising department thereof, and have personal knowledge of all the facts stated in this affidavit, and that the legal or official notice entitled:

## #2394 NOTICE OF APPLICATION

A printed copy of which is hereto attached, was printed and published in said newspaper in 1 issue, to wit: The first publication being made on April 26<sup>th</sup>, 2017, that Thirty-three and .56/100 Dollars, insures to the benefit of the publisher of THE REDFIELD PRESS, that no agreement or 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.



Subscribed and sworn to before me this 26<sup>th</sup> day of April, 2017.



Deborah Leesch  
Notary Public, South Dakota

My commission expires 10/09/2019

## Notice of Application

#2394

### NOTICE OF APPLICATION

NO. 7348A-3 to Amend Water Permit  
No. 7348-3

Notice is given that Michael Sentell, 18690 398th Ave, Hitchcock SD 57348 has filed Application No. 7348A-3 which requests to amend Water Permit No. 7348-3 by transferring a portion of the authority to irrigate acreage to other land and diversion rate authority to an additional well. Water Permit No. 7348-3 appropriates 5.33 cubic feet of water per second (cfs) from three wells completed into the Tulare:East James Aquifer for irrigation of 440 acres located in the NW 1/4 Section 13, NW 1/4, W 1/2 SE 1/4, SE 1/4 SW 1/4 Section 14; all in T114N-R62W. This application proposes to transfer the location of 66 of the 440 acres to the S 1/2 SW 1/4 Section 11-T114N-R62W. The diversion rate authority of 1.0 cfs under Water Permit No. 7348-3 will be transferred to an additional well to be completed in the Tu-

lare:EastJames Aquifer (90 feet deep) located in the S 1/2 SW 1/4 Section 11-T114N-R62W. No increase in the diversion rate or number of acres authorized by Water Permit No. 7348-3 from the Tulare: East James aquifer is requested.

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Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7348A-3 with qualifications because existing rights will not be unlawfully impaired. The Chief Engineer's recommendation with qualifications, the application, and staff report are available at <http://denr.sd.gov/public> or contact Eric Gronlund for this information, or other information, at the Water Rights Program address provided below.

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Steven M. Pirner  
Secretary

Department of Environment and  
Natural Resources.

Published one time at the total  
approximate cost of \$33.56. (Apr. 26)

PRINTER'S AFFIDAVIT

STATE OF SOUTH DAKOTA,  
COUNTY OF BEADLE: ss

RECEIVED

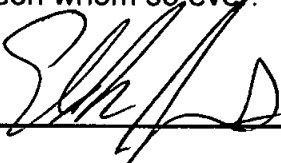
MAY 19 2017

WATER RIGHTS  
PROGRAM

I, ELDON JACOBS, being duly sworn on oath say that the PLAINSMAN is a daily paper published at Huron, Beadle County, South Dakota, and that said newspaper has a bona fide circulation of at least 250 copies daily; that said newspaper has been published within said county for fifty-two consecutive weeks immediately prior to this date, that said newspaper is printed in whole or in part, in an office maintained at said place of publication; that I am Legal Advertising Coordinator of said newspaper and know the facts herein state. The annexed notice headed:

**SENTELL, MICHAEL- #3015 WATER RIGHTS- SENTELL**

was published for one day, in said newspaper, and not in any supplement of the said newspaper, the publication was of the 26<sup>TH</sup> Day APRIL 2017. That the full amount of the fee charged for publishing **FORTY-NINE & 72/100** dollars insures to the benefit of the publisher of said newspaper; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whom so ever.



Subscribed and sworn to me before this 12<sup>TH</sup> Day of MAY 2017.



Notary Public, South Dakota

My term expires 03/11/2022  
Legal #3015

F. P. 04-26-17  
**NOTICE OF  
APPLICATION  
NO. 7348A-3 to Amend  
Water Permit  
No. 7348-3**

Notice is given that Michael Sentell, 18690 398th Ave, Hitchcock SD 57348 has filed Application No. 7348A-3 which requests to amend Water Permit No. 7348-3 by transferring a portion of the authority to irrigate acreage to other land and diversion

rate authority to an additional well. Water Permit No. 7348-3 appropriates 5.33 cubic feet of water per second (cfs) from three wells completed into the Tulare:East James Aquifer for irrigation of 440 acres located in the NW 1/4 Section 13, NW 1/4, W 1/2 SE 1/4, SE 1/4 SW 1/4 Section 14; all in T114N-R62W. This application proposes to transfer the location of 66 of the 440 acres to the S 1/2 SW 1/4 Section 11-T114N-R62W. The diversion rate authority of 1.0 cfs under Water Permit No. 7348-3 will be transferred to an additional well to be completed in the Tulare:East James Aquifer (90 feet deep) located in the S 1/2 SW 1/4 Section 11-T114N-R62W. No increase in the diversion rate or number of acres authorized by Water Permit No. 7348-3 from the Tulare:East James aquifer is requested.

State Law (SDCL 46-5-34) allows an irrigation permit to be severed from one parcel of land and simultaneously transferred to another parcel if it becomes impracticable to use all or any part of the water beneficially or economically for irrigation on the current land. Mr. Sentell indicates this proposed project would make better use of the water.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7348A-3 with qualifications because existing rights will not be unlawfully impaired. The Chief Engineer's recommendation with qualifications, the application, and staff report are available at <http://denr.sd.gov/public> or contact Eric Gronlund for this information, or other information, at the Water Rights Program address provided below.

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Steven M. Pirner,  
Secretary, Department  
of Environment and  
Natural Resources.

No. 3015 (adv.)  
Published once at the  
total approximate cost of  
\$49.72.



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

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

denr.sd.gov

7348-3  
7348A-3

**MAY 22 2017**

Michael Sentell  
18690 398<sup>th</sup> Ave  
Hitchcock SD 57348

Dear Mr. Sentell:

Enclosed is Water Permit No. 7348A-3 which amends Water Permit No. 7348-3 by transferring a portion of the authority to irrigate acreage to other land and diversion rate authority to an additional well. Water Permit No. 7348-3 is being reissued to reflect the changes also.

A 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 information 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

7348A-3

RECEIVED

FEB 15 2018

WATER RIGHTS  
PROGRAM

**NOTICE OF COMPLETION OF WORKS AND  
APPLICATION OF WATER TO BENEFICIAL USE**

Date 2-13-2018

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

FROM: Michael Sentell  
(name)  
18690 398th ave. 605-354 4998  
(address)  
Hitchcock S.D. 57348 605-266-2780  
(city, state, zip) (phone)

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

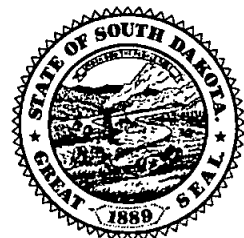
Water Permit No. 7348A-3 states that the water use system is to be constructed by 7-1-2017, and water is to be put to beneficial use by 07-1-2017.  
(date) (date)

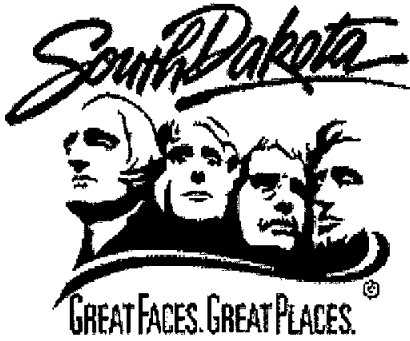
The water use system was completed on 07-1-2017.  
(date)

Applying the water to beneficial use was completed on 07-1-2017.  
(date)

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

Michael Sentell  
(signature)





**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE SOUTH DAKOTA 57501-3182  
<http://denr.sd.gov>

February 27, 2018

7348A-3

Michael Sentell  
18690 398<sup>th</sup> Ave  
Hitchcock SD 57348

Dear Mr. Sentell:

I am writing to acknowledge receipt of the "Notice of Completion of Works" form that you sent in to let us know that you are completed with your irrigation system authorized under Water Permit No. 7348A-3.

The system is now ready for inspection. Inspections are done on a county-by-county basis as staff time permits. You have done everything you need to do and the intervening time between the completion of your project and the staff inspection has no bearing on your water permit.

Someone from our office will contact you prior to the inspection to set up a time that is convenient for you. If you have any questions, please contact me.

Sincerely,

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

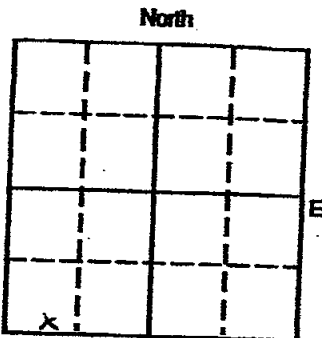
# SOUTH DAKOTA WATER WELL COMPLETION REPORT

7348A-3

11-02

Location S6  $\frac{1}{4}$  S10  $\frac{1}{4}$  Sec 11 Twp 114 Rg 62

County SPINK



Please mark well location with an "X"

Well completion Date 6-6-17

1 Mile

Distance from nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)  
24500 ft from Septic (identify source)

**PROPOSED USE:**

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

**METHOD OF DRILLING:**

Forward Rotary

**CASING DATA:**

| PIPEWEIGHT         | DIAMETER     | FROM         | TO           | HOLE DIAMETER    |
|--------------------|--------------|--------------|--------------|------------------|
| <u>50R21 LB/FT</u> | <u>12 IN</u> | <u>12 FT</u> | <u>57 FT</u> | <u>17 1/2 IN</u> |
| LB/FT              | IN           | FT           | FT           | IN               |
| LB/FT              | IN           | FT           | FT           | IN               |

**GROUTING DATA:**

| Grout Type      | No. of Sacks | Grout Weight      | From        | To           |
|-----------------|--------------|-------------------|-------------|--------------|
| <u>Hydralox</u> | <u>7</u>     | <u>7.5 Lb/gal</u> | <u>2 FT</u> | <u>30 FT</u> |
|                 |              | Lb/gal            | FT          | FT           |

Describe grouting procedure Formline pumping  
grout bottom to top

**SCREEN:**

☐ Perforated pipe    ☒ Manufactured  
 Diameter 12 Inches Length 20 Feet  
 Material Stainless steel  
 Slot Size 1060 Set From 59 Feet to 79 Feet  
 Other information

**WAS A PACKER OR SEAL USED?**

☐ Yes    ☒ No  
 If so, what material?  
 Describe packer(s) and location

**DISINFECTION:**

Was well disinfected upon completion?  
☒ Yes, How? chlorine  
☐ No, Why Not?  
 Lab sample sent to for water quality analysis

**Well Owner:**

Business Name: Mike Sentell  
 Address1: 18690 398 Ave  
 Address2: 11  
 City, State, Zip: Hitchcock, SD 57348

**WELL LOG:**

| FORMATION            | DEPTH     |           |
|----------------------|-----------|-----------|
|                      | FROM      | TO        |
| <u>Top Soil</u>      | <u>0</u>  | <u>1</u>  |
| <u>Yellow clay</u>   | <u>1</u>  | <u>10</u> |
| <u>Overlaid sand</u> | <u>10</u> | <u>28</u> |
| <u>Water sand</u>    | <u>28</u> | <u>79</u> |
| <u>Blue clay</u>     | <u>79</u> | <u>82</u> |

**STATIC WATER LEVEL**

21.5 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: A/C  
☐ Bailed  
☐ Other  
 Pumping Level Below Land Surface  
60 Ft. After 3 Hrs. pumped 800 GPM  
 \_\_\_\_\_ Ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM  
 If pump installed, pump rate: \_\_\_\_\_ GPM

**REMARKS**

Title: East Janas AN  
 This well was drilled under license # 285  
 And this report is true and accurate.  
 Drilling firm: Manikowsky Well Drilling, Inc.  
 Signature of License Representative: [Signature]  
 Signature of Well Owner or Equitable Property Holder: [Signature]

**RECEIVED**

Date: \_\_\_\_\_  
 523 E. Capitol Ave., Pierre SD 57501

JAN 29 2018

WATER RIGHTS PROGRAM

Please return White Copy to DENR Water Rights

**Permit No. 7348A-3**

Contact Person & Address: Michael Sentell, 18690 398<sup>th</sup> Ave., Hitchcock, SD 57348

**Report of Examination of Works**

On, November 5, 2019, I made a thorough examination of the water use system constructed by Michael Sentell holder of Permit No. 7348A-3, bearing the priority of April 11, 2012 ( established by Water Permit No. 7348-3) authorizing the diversion of 1.00 cu. ft. per second of the waters of Tulare: East James Aquifer for irrigation purposes, in Spink County.

The system is in the following condition good. The point of diversion is located from the SW corner of Section 11, T114N, R62W 1,340' East and 35' North with latitude of 44.69059 and a longitude of -98.25593 as determined using GPS. The works are capable of diverting and conveying to the place of use 1.0 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 Sec 11, T114N, R62W  
SE ¼ SW ¼ - 33 ac      SW ¼ SW ¼ - 33 ac

comprising a total of 66 acres of land and the license should be issued for 1.00 cfs.

**Review of Permit Qualifications and Regulations:**

- 1) Special qualifications to permit being abided by yes.
- 2) All structures, wells and lands on map yes.
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period yes.
- 4) Exceptions to compliance are: none

**Report On the Specifics of the System**

**Well Information:**

- 1) Well Drilling Firm: Manikowski Well Drilling, Inc.
- 2) No. of Wells 1
- 3) Depth(s) 79 feet
- 4) Well log is available yes

**Casing:**

- 1) Diameter 12 inches
- 2) Length 59 feet
- 3) Type PVC

**Screen:**

- 1) Type Stainless Steel
- 2) Length 20 feet
- 3) Static water level 21.5 feet

**Pump:**

- 1) Make Submersible
- 2) Model na
- 3) Size na
- 4) Capacity 450 GPM

**Motor:**

- 1) Make na
- 2) Model No. na
- 3) Horsepower rating 35 hp

7348A-3 Examination of Works

**DISTRIBUTION LINES OR CANALS:**

- 1) Type PVC                      2) Size 8 inches                      3) Length 10 feet

**SYSTEM TYPE:**

**Center pivot:**

- |                                    |                                     |
|------------------------------------|-------------------------------------|
| 1) Make <u>Valley</u>              | 2) Overall length <u>1,300</u> feet |
| 3) Number of towers <u>7</u>       | 4) End gun <u>yes</u>               |
| 5) High or low pressure <u>low</u> | 6) Capacity <u>450</u> GPM          |

**CHEMIGATION EQUIPMENT: None**

**Comments: None**

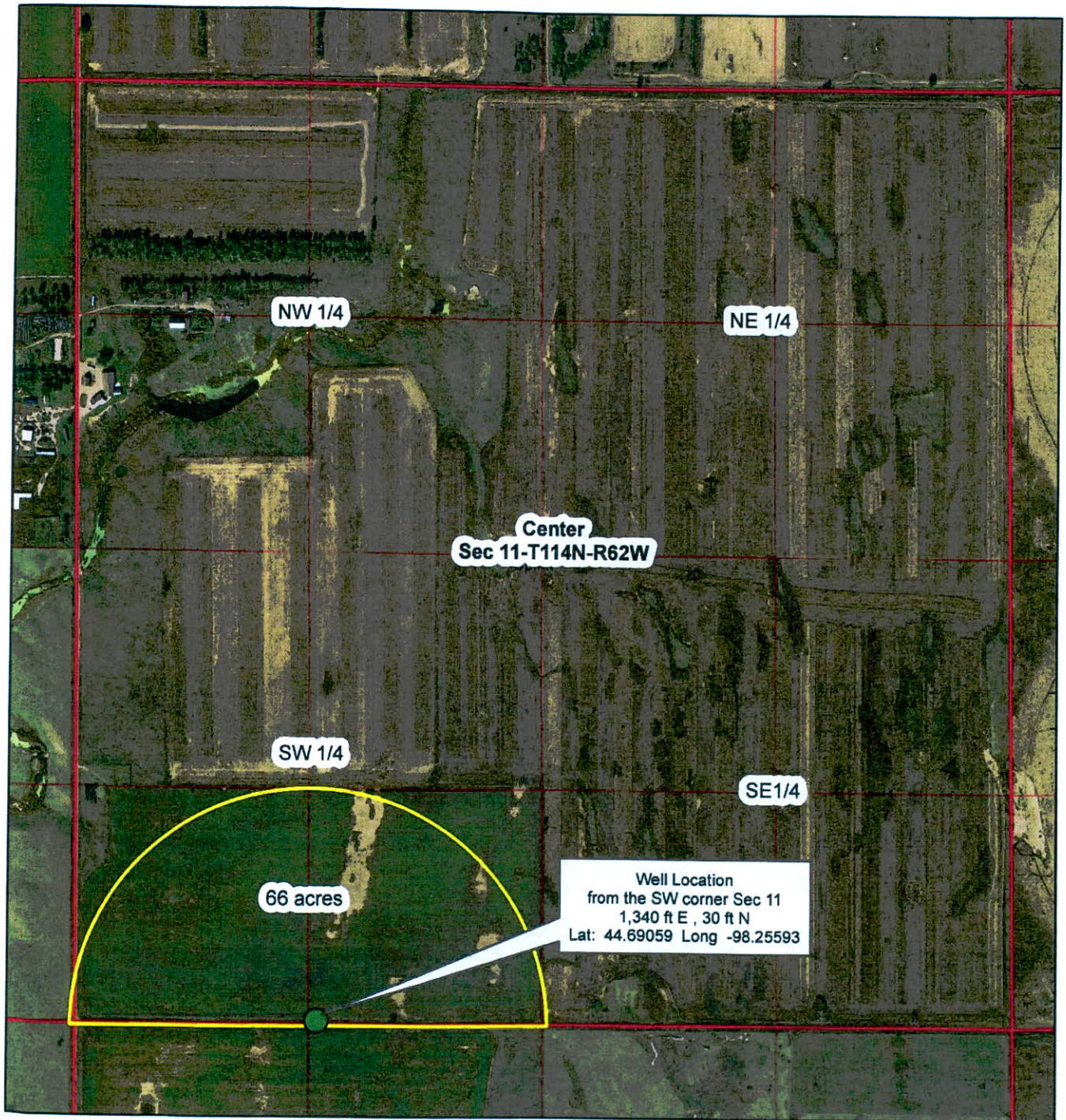
**Dated: November 21, 2019**



Terry D Helms

Water Rights Inspector

# Water Right No. 7348A-3, Michael Sentell



0 300 600 1,200 1,800 2,400 Feet



*Terry D Helms*

Terry D Helms, PE  
Water Rights Inspector  
DENR, Water Rights Program  
November 15, 2019

7348A-3



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE SOUTH DAKOTA 57501-3182  
<http://denr.sd.gov>

FEB 28 2020

7348-3  
7348A-3

Michael Sentell  
18690 398<sup>th</sup> Ave  
Hitchcock SD 57348

Dear Mr. Sentell:

Enclosed are Water License Nos. 7348-3 and 7348A-3. These are the final water right documents completing your process of obtaining water rights. Included with each license is a map prepared by the staff engineer who conducted the field investigations.

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

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

Sincerely,

A handwritten signature in cursive script that reads "Jeanne Goodman".

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

enclosures

# STATE OF SOUTH DAKOTA

## WATER LICENSE NO. 7348A-3

(1) Michael Sentell, 18690 398<sup>th</sup> Ave., Hitchcock SD 57348 made Application No. 7348A-3, March 14, 2017 for a water permit to amend Water Permit No. 7348-3 by transferring diversion authority of 1.00 cubic feet of water per second (cfs) from ground water (one well, Tulare East James Aquifer), Spink County, South Dakota for irrigation of 66 acres. Permit No. 7348A-3, with a priority date of April 11, 2012 (established by Water Permit No. 7348-3) was approved May 8, 2017 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before May 8, 2022 and for the application to beneficial use of water on or before May 8, 2026.

Water Permit No. 7348A-3 authorized transferring the location of 66 of the original 440 acres authorized under Permit No. 7348-3 to a new location and transferring 1.00 cfs diversion rate authority to an additional well. The transfer did not authorize an increase in the diversion rate or number of acres authorized by Water Permit No. 7348-3 from the Tulare East James Aquifer.

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

- 1,340'E and 35'N of the SW corner of Section 11, T114N, R62W (SE ¼ SW ¼)  
Latitude 44.69059, Longitude -98.25593

(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:

|                        |           |          |
|------------------------|-----------|----------|
| T114N, R62W Section 11 | SE ¼ SW ¼ | 33 acres |
|                        | SW ¼ SW ¼ | 33 acres |
|                        | Total     | 66 acres |

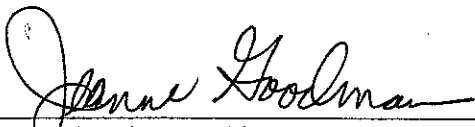
(4) Pursuant to South Dakota Water Law 46-5-30.1 Michael Sentell, 18690 398<sup>th</sup> Ave., Hitchcock SD 57348 the holder and/or owner of Water Right No. 7348A-3 is issued a license to appropriate water, the right to use 1.00 cubic feet of water per second from ground water, one well (Tulare East James Aquifer) with a priority date of April 11, 2012 (established under No. 7348-3) 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. 7348A-3 and subject to the following qualifications:

- 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.

continued

- The well authorized by Permit No. 7348A-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 by Manikowski Well Drilling Inc. in June, 2017. A copy of the well completion report is on file with the Water Rights Program.*
- This Water Right is approved subject to the irrigation water use questionnaire being submitted each year.



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

FEB 28 2020

date



NOTICE OF TRANSFER OF OWNERSHIP

PAID

AUG 14 2020

Ck# 504

RECEIVED

AUG 14 2020

WATER RIGHTS  
PROGRAM

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

No. 7348A-3

Date: 8/14/2020

I/We request that Water Right No. 7348A-3

formerly owned by: Michael Sentell, 18690 398<sup>th</sup> Ave, Hitchcock SD 57348

be transferred to: (name & address) Oscar Inc, 209 27<sup>th</sup> St NW, Huron SD 57350

Telephone No. \_\_\_\_\_

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

66 acres - S ½ SW ¼ Section 11, T114N, R62W

I/We understand that the validity of Water Permit No. 7348A-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

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

**A fee of Fifty Dollars (\$50.00) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.**

I/We \_\_\_\_\_, the new owner, certify that the above information is true and correct.

*Oscar Inc. by Floyd A. Peterson Pres.*  
(Signed by new owner)

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

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

7348A-3

**RECEIPT****WATER RIGHTS PROGRAM**

South Dakota Department of Environment and Natural Resources

Date August 14, 2020RECEIVED OF Oscar Inc. 209 27<sup>th</sup> St. NW Huron SD 57350

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 | \$      |
| Fee for Application for Permit No. _____ to Appropriate Water for Future use                                   | \$      |
| Fee to retain Future Use Permit No. _____ after period of seven years.                                         | \$      |
| Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____            | \$      |
| Fee for Filing Transfer Form <u>7348A-3</u>                                                                    | \$50.00 |
| Fee for _____                                                                                                  | \$      |
| Fee for Issuing New Well Driller's License No. _____                                                           | \$      |
| Fee for Renewal of Well Driller's License No. _____                                                            | \$      |
| Fee for Issuing Well Pump Installer's License No. _____                                                        | \$      |
| Fee for Renewal of Well Pump Installer's License No. _____                                                     | \$      |
| (Any Other Work Provided by Law)                                                                               |         |
| TOTAL                                                                                                          | \$50.00 |

By Eric Gronlund  
Chief Engineer vm

7348A-3



**DENR**  
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182  
[denr.sd.gov](http://denr.sd.gov)

August 17, 2020

Floyd Peterson  
Oscar Inc  
209 27<sup>th</sup> St NW  
Huron SD 57350

RE: Water Right/Permit Nos. 7234-3, 7235A-3, 7347-3, 7348-3, 7348A-3, 7349-3 & 7444-3

Dear Mr. Peterson:

I am writing in reference to the transfer forms and filing fees you completed while in the office last Friday.

The ownership changes have been completed. The above listed water rights and water permits, formerly held by Michael Sentell, Twisted Land & Cattle or Jeb, Shane & Brad Peterson are now listed in your name.

Enclosed for your records are receipts for the filing fees you paid. If you have any questions, please let me know.

Sincerely,

A handwritten signature in cursive script, appearing to read "Genny McMath".

Genny McMath  
Water Rights Program  
605 773-3352  
[Genny.mcmath@state.sd.us](mailto:Genny.mcmath@state.sd.us)

enclosures