

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

Mail to:  
PMB 2020  
DENR - Water Rights  
523 E Capitol Ave  
Pierre, SD 57501-3182  
ph. (605) 773-3352

No. <u>8099-3</u>	(office use only) Hydrologic Unit <u>10160006</u>
Basin <u>James River</u>	
Newspaper <u>Redfield Press</u>	
<u>Aberdeen American News</u>	

**RECEIVED**  
**FEB 25 2015**  
**WATER RIGHTS PROGRAM**

**Application For Permit To Appropriate Water For Irrigation**

Type of Application:  New  Vested Right  Amendment/Correction to Permit No. \_\_\_\_\_  
(Use predates Mar 2, 1955)

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

1. Name to Appear on Irrigation Permit Bixler Farms

(check one)  Owner  Tenant/lessee  Owner's Legal Agent \_\_\_\_\_

(name and complete address if different than above name)

Mailing Address 39477 184th st. Hitchcock SD 57348  
(Address) (City) (State) (Zip Code)

Home Phone 605-266-2763 Cell 354-3177 Email bixlerfarms@hotmail.com

2. Amount of water claimed 1.78 \*CFS or            \*\*GPM            \*\*\*AF Total Acreage 160  
(\*Cubic Feet per Second) (\*\*Gallons per Minute) (\*\*Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply well

4. Location of point of diversion 1 well located in center of NW1/4 Sec.3-114-63

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

County Spink

5. County or counties where water will be used spink

6. Annual period during which water is to be used May 1 to Oct 1.

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
NW 1/4 Sec 3-114-63	160		

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

Irrigate with Center Pivot 160 acres

Well will be located in the center of nw1/4 sec 3-114-63 Belmont township, Spink County.

I, Reed Bixler, the applicant, certify that I have read this application, have examined the attached map, and that the matters stated are true.

## 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 Stretch's Well Service  
(if yes, please provide copies of logs)
- b) If existing wells, how many      Provide copy of log(s), if available. Drilled by
- c) Well Depth 65ft. Depth to Top of Water Bearing Material 25ft. Depth to Water from Surface 25ft
- d) Distance to nearest existing domestic well:  
On applicant's property      On property owned by others 3000ft.

**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**

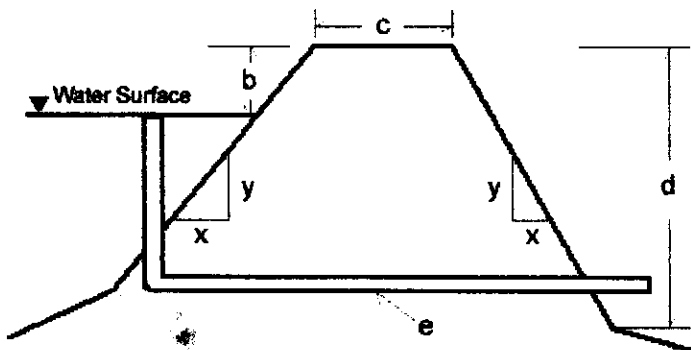
- a) Surface Dimensions      Depth
- b) Depth to water (ground surface to water level)

**4. Water Storage Dams**

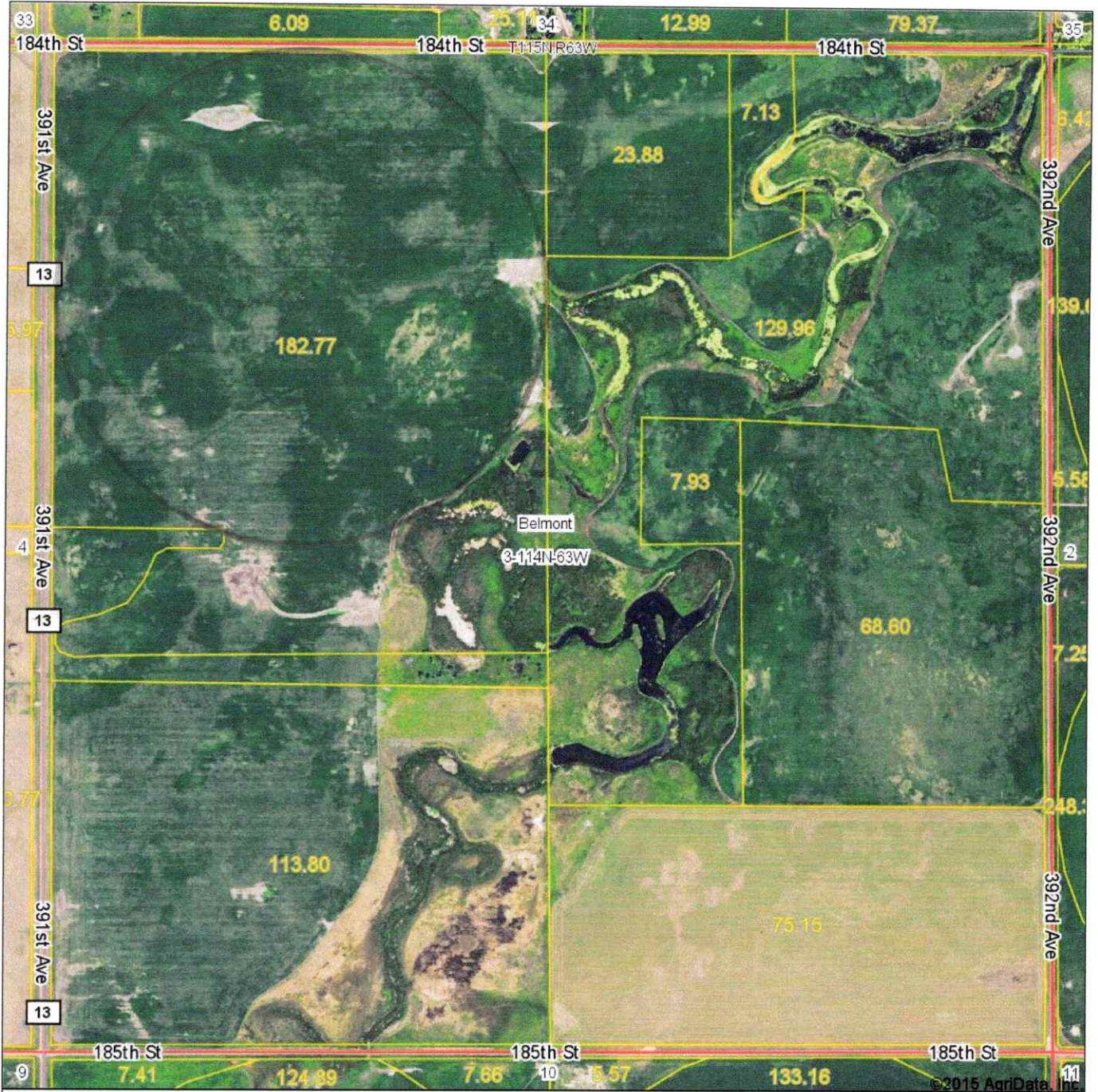
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- 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



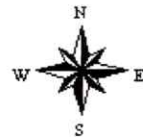
### Aerial Map



Maps Provided By:  
  
 © AgriData, Inc. 2014 www.AgriDataInc.com

**3-114N-63W**  
**Spink County**  
**South Dakota**

map center: 44° 42.7471', 98° 23.5302'  
 scale: 9373



1/26/2015

Field borders provided by Farm Service Agency as of 5/21/2008. Aerial photography provided by Aerial Photography Field Office.