

**FORM 2: Application for irrigation in South Dakota**

(type or print)

Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>8111-3</u> (office use only) Hydrologic Unit <u>10160006</u>
	Basin <u>James River</u>
	Newspaper <u>Huron Plainsman</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 Van Buskirk Farms LLP  
 (check one)  Owner  Tenant/lessee  Owner's Legal Agent \_\_\_\_\_  
 (name and complete address if different than above name)

Mailing Address PO Box 72 Hitchcock SD 57348  
 (Address) (City) (State) (Zip Code)

Home Phone \_\_\_\_\_ Cell 350-5671 Email \_\_\_\_\_

2. Amount of water claimed 1.94 \*CFS or \_\_\_\_\_ \*\*GPM \_\_\_\_\_ \*\*\*AF \_\_\_\_\_ Total Acreage 136  
 (\*Cubic Feet per Second) (\*\*Gallons per Minute) (\*\*\*)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Tulare:Western Spink Hitchcock aquifer

4. Location of point of diversion approximate center of the NE 1/4 Section 36, T113N, R64W  
 (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)  
 \_\_\_\_\_ County Beadle

5. County or counties where water will be used Beadle

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

7. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.  
 (Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
NE 1/4 Section 36, T113N, R64W	136		

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

Develop center pivot irrigation

I, Matthew Van Buskirk, the applicant, certify that I have read this application, have examined the attached map, and that the matters stated are true.

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)

44.55736 / -98.46813

## 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 \_\_\_ 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 \_\_\_\_\_

c) Well Depth 110 Depth to Top of Water Bearing Material 30 Depth to Water from Surface 30

d) Distance to nearest existing domestic well:  
 On applicant's property \_\_\_\_\_ On property owned by others \_\_\_\_\_

**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) \_\_\_\_\_

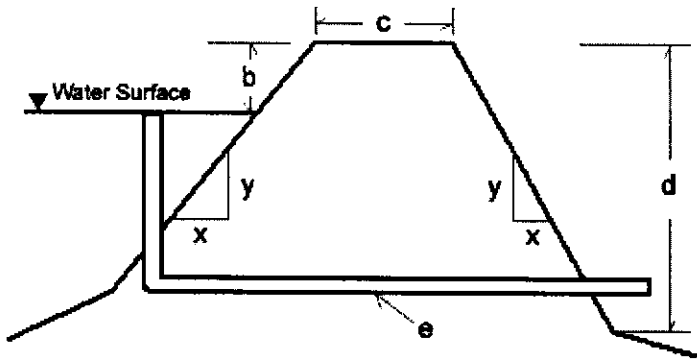
**4. Water Storage Dams**

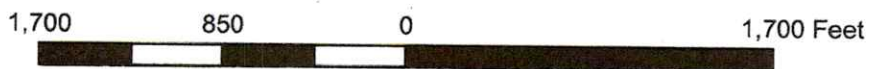
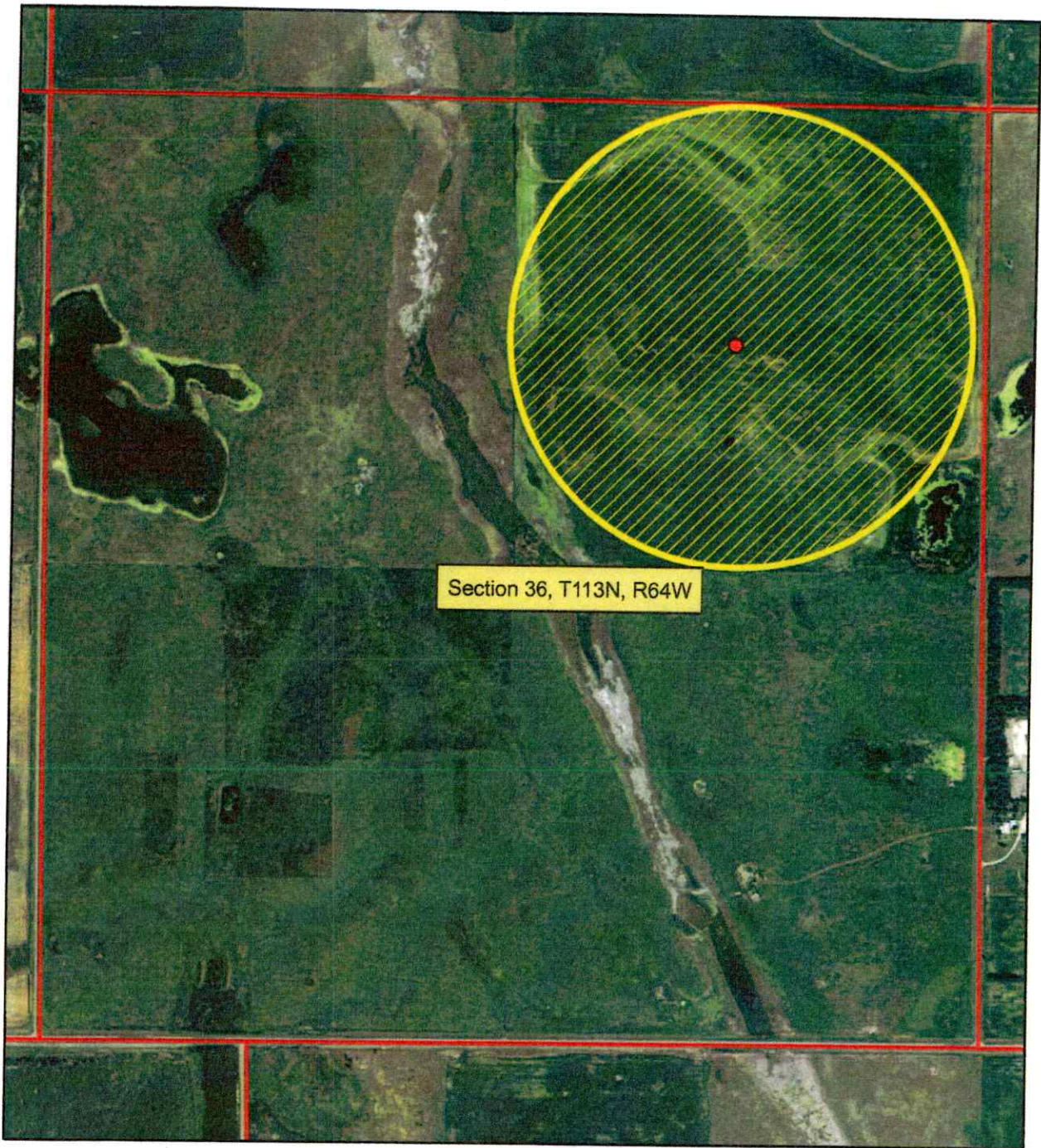
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

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





*Eric Gronlund*  
Eric Gronlund  
Water Rights Program, DENR  
based on representation by  
Matt Van Buskirk