

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. 8108-3 (office use only) Hydrologic Unit 10160006
Basin James River
Newspaper Redfield Press
Aberdeen American News

RECEIVED
FEB 25 2015
WATER RIGHTS PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: [X] 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) [X] 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 matthew.vanbuskirk@gmail.com

2. Amount of water claimed 14 *CFS or **GPM ***AF Total Acreage 982
(*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 centers of the NW 1/4 Section 32, center of Section 31, SW 1/4
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

Section 30 all in T114N, R63W and Center of NE 1/4 Section, T113N, R64W County Spink

5. County or counties where water will be used Spink

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)

Table with 4 columns: Land Description, Acres, Land Description, Acres. Rows include NW 1/4 Section 32, T114N, R63W (136), Section 31, T114N, R63W (574), SW 1/4 Section 30, T114N, R63W (136), NE 1/4 Section 36, T114N, R64W (136).

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

Develop center pivot irrigation on three quarter section and one full section pivot. A few of these quarter sections are irrigated by a pond pump.

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)

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 SE corner Section 31 On property owned by others 1/2 to 1/4 mile northwest

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

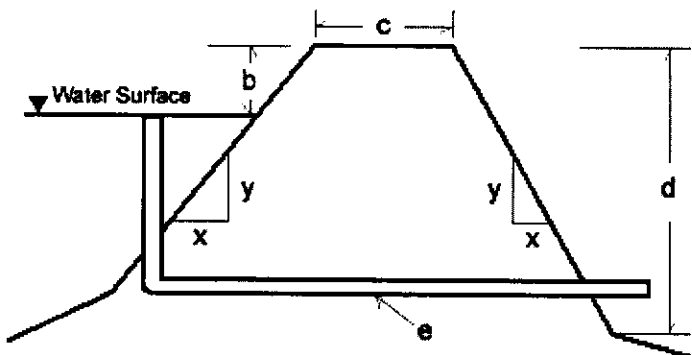
- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

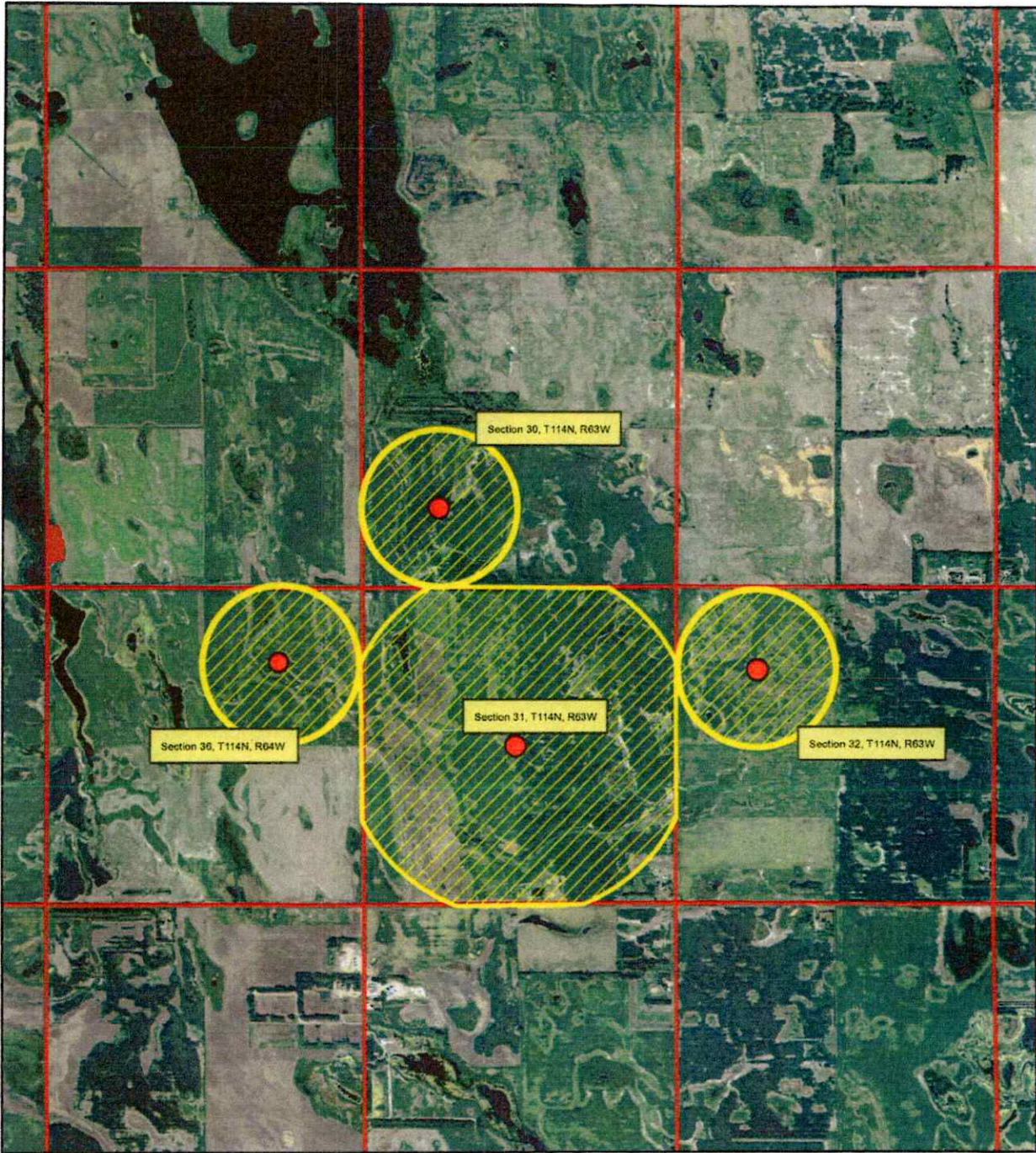
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- 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, Van Buskirk Farms LLP



5,200 2,600 0 5,200 Feet



Eric Gronlund

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