

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>8109-3</u> (office use only) Hydrologic Unit <u>10160006</u>
	Basin <u>James River</u>
	Newspaper <u>Huron Plainsman</u> <u>Aberdeen American News</u>
	_____ _____

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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 7.77 *CFS or _____ **GPM _____ ***AF _____ Total Acreage 544
 (*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 SE 1/4 and SW 1/4 Section 4 and NE 1/4 and SE 1/4
 (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
Section 5, T113N, R63W 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
SW 1/4 Section 4, T113N, R63W	136		
SE1/4 Section 4, T113N, R63W	136		
NE 1/4 Section 5, T113N, R63W	136		
SE 1/4 Section 5, T113N, R63W	136		

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

Develop center pivot irrigation on four quarter sections. Three of these quarter section 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)

44.62589 / 98.42779

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 SW 1/4 Section 4 On property owned by others 1/2 mile north

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)

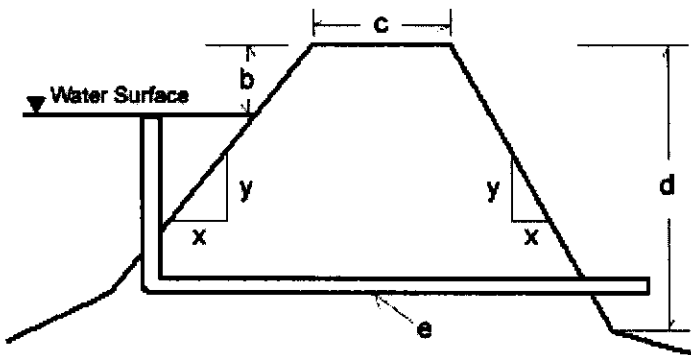
Upstream _____

Downstream _____

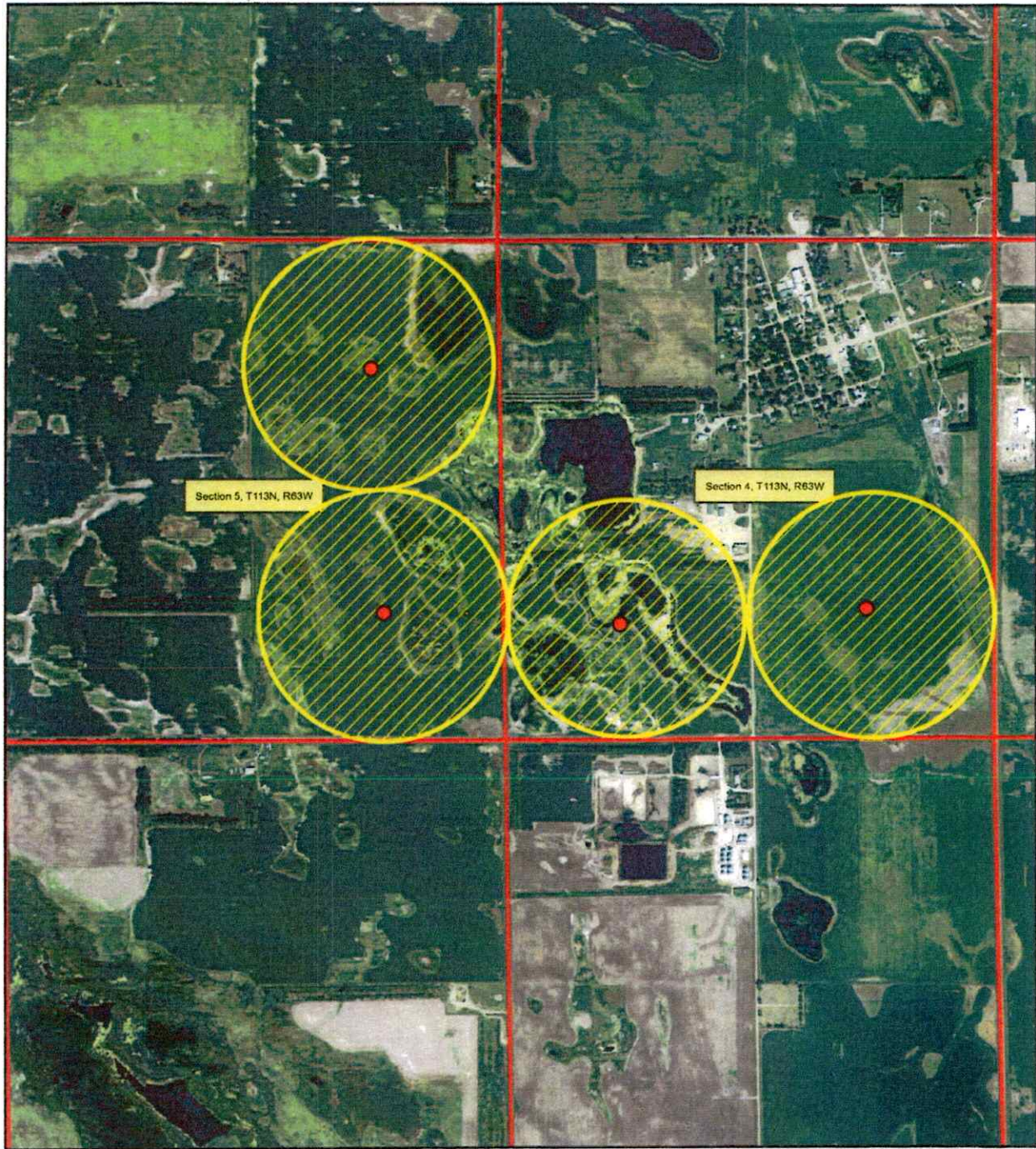
h) Surface Area of Impoundment _____

i) Storage _____ Acre Feet

j) Drainage Area Above Dam _____ Acres



Water Permit Application, Van Buskirk Farms LLP



Eric Gronlund

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