

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. 81383 (office use only) Hydrologic Unit 10160006 Basin James River Newspaper Huron Plainsman Water-town Public Opinion

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 Ken + Jodi Hofer (check one) [X] Owner [X] Tenant/lessee [] Owner's Legal Agent (name and complete address if different than above name)

Mailing Address 1938/3 398th Ave Hutchcock SD 57348 (Address) (City) (State) (Zip Code)

Home Phone (605) 266-2169 Cell 350-2369 Email

2. Amount of water claimed 2.11 *CFS or 950/1000 **GPM ***AF Total Acreage 150 (*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply New Well

4. Location of point of diversion Center of SE 1/4 Sect. 31-113-62 (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 May - Sept.

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. Row 1: SE 1/4 31-113-62, 150, empty, empty.

8. Give a description of the project. (Attach sheet if more space is needed) Proposed New Center Pivot with a new well

I, Ken Hofer, 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)

44-549561-98.32666

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 SA
 (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 Unknown est. 60-100 ft. Depth to Top of Water Bearing Material Depth to Water from Surface

d) Distance to nearest existing domestic well:

On applicant's property 5 miles NE On property owned by others 1 mile SE

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)

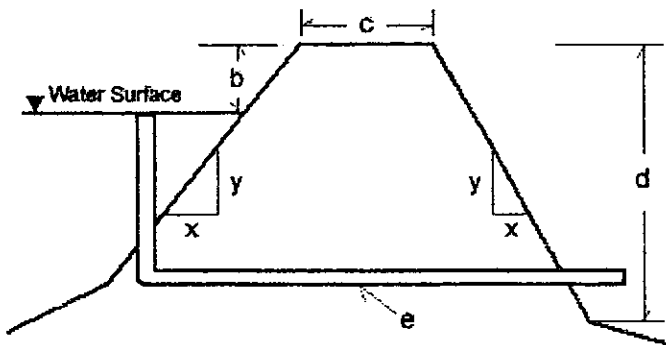
Upstream

Downstream

h) Surface Area of Impoundment

i) Storage Acre Feet

j) Drainage Area Above Dam Acres



Sec 25
T113N
R63W

Sec 30
T113N
R62W

Sec 29
T113N
R62W

Sec 36
T113N
R63W

Sec 31
T113N
R62W

Sec 32
T113N
R62W

well location

Sec 1
T112N
R63W

Sec 6
T112N
R62W

Sec 5
T112N
R62W