

FILE COPY

RECEIVED
NOV 03 2014
WATER RIGHTS PROGRAM

Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>8061-3</u> (office use only) Hydrologic Unit <u>10170202</u>
	Basin <u>Sioux River</u>
	Newspaper <u>Brookings Register</u> <u>PO Box 177</u> <u>57006 605 692-6271</u>
	(Use predates Mar 2, 1955)

Application For Permit To Appropriate Water For Irrigation

Type of Application: New Vested Right Amendment/Correction to Permit No. 3922-3
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.) 7795-3
additional acres to water right No 3922-3 and reduce acres to water right 7795-3

1. Name to Appear on Irrigation Permit Dougherty Family Associated Associates
(check one) Owner Tenant/lessee Owner's Legal Agent (Farm Manager)
(name and complete address if different than above name)

Mailing Address 90 Northwestern Farm Mgmt Co Marshall MN 56258
301 S. O'Connell St (Address) (City) (State) (Zip Code)

Home Phone 507-532-5120 Cell _____ Email randy@nfmco.com
office

2. Amount of water claimed 0.34 add'l *CFS or 300 **GPM ***AF Total Acreage 160 add'l
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply 2 wells

4. Location of point of diversion 1 well in NW 1/4 supplies 800 GPM and well in NE 1/4 500 GPM
(example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W)
Sec 27-T112N-R49W County Brookings

5. County or counties where water will be used Brookings

6. Annual period during which water is to be used crop growing season May 1-Sept 30

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 NW 1/4	6 34	SE 1/4 NE 1/4	5 37
NE 1/4 NW 1/4	34 34	SW 1/4 NE 1/4	5 37
SW 1/4 NW 1/4	2 34	NW 1/4 NE 1/4	3 35
SE 1/4 NW 1/4	2 34	NE 1/4 NE 1/4	3 35

8. Give a description of the project. (Attach sheet if more space is needed) Sec 27-T112N-R49W

Removed trees / old buildings to allow irrigation of NE 1/4 NE 1/4 Permit 3922-3
So added Acres and replaced both pivots have added Acres;
and reduce Acres on for permit 7795-3 to 90

I, Dougherty Family Associates by NW Farm Mgmt Co Agent by Randy Cook, 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 2 Provide copy of log(s), if available. Drilled by Grimshaw Drilling Co 1978
- c) Well Depth 52' west well, 104' East well Depth to Top of Water Bearing Material uk Depth to Water from Surface uk
- d) Distance to nearest existing domestic well:
 On applicant's property _____ On property owned by others X uk

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

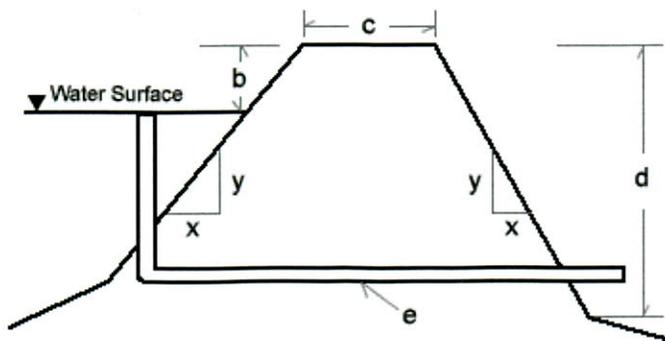
- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

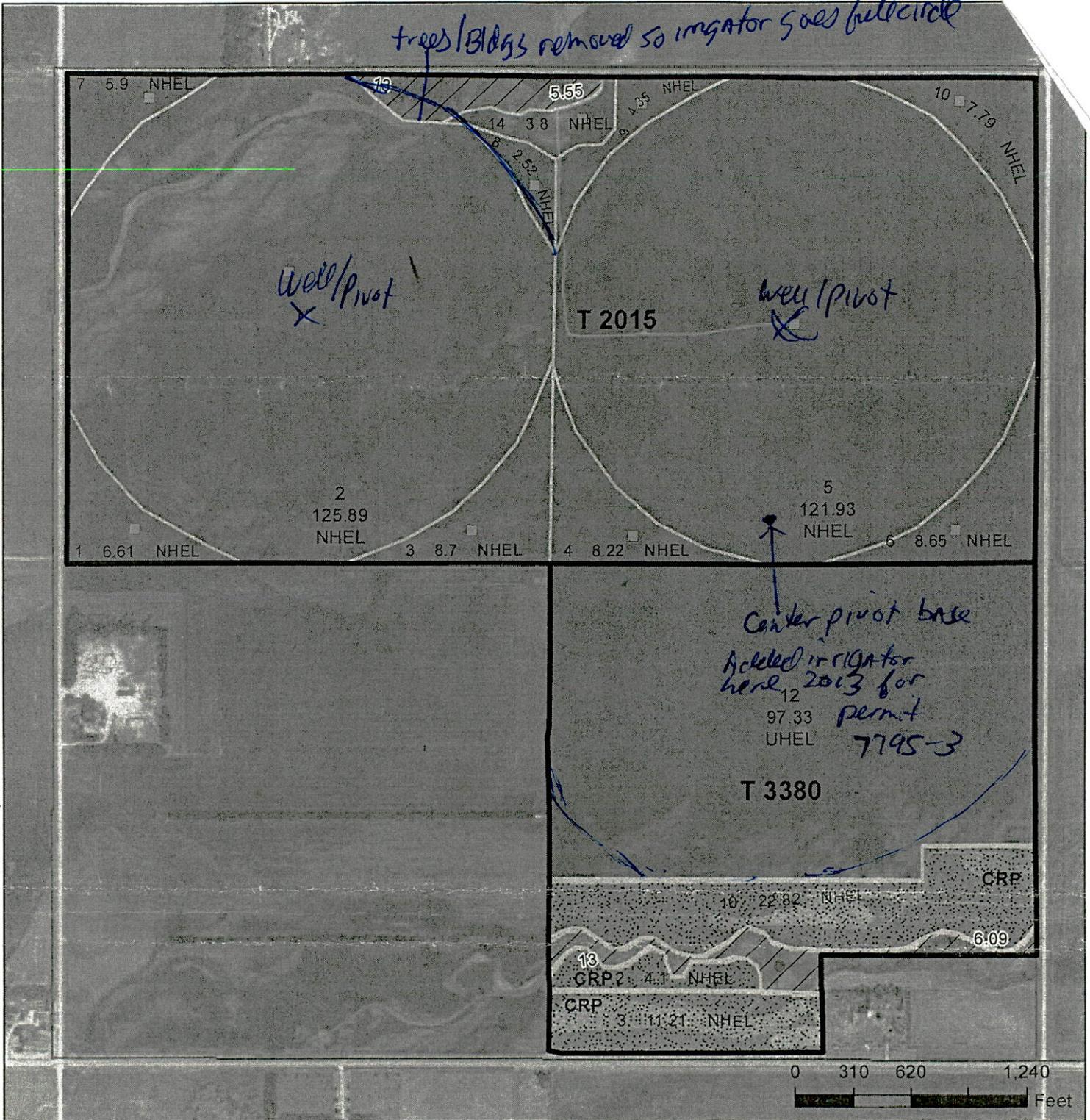
4. Water Storage Dams

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





- Common Land Unit**
 - Cropland / Non-cropland
 - Conservation Reserve Program
- Wetland Determination Identifiers**
 - Restricted Use
 - ▽ Limited Restrictions
 - Exempt from Conservation Compliance Provisions
- ▭ Tract Boundary
 - ▭ Section Line



2012 Ortho-Photography - not to scale

2014 Program Year
Map Created December 23, 2013

RECEIVED Farm 3294

NOV 03 2014

WATER RIGHTS PROGRAM

27-112-49

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).