

WATER PERMIT NO. 6199-3

Name of Applicant: Randy H Hanson

Address: 2208 E Evergreen Blvd, Vancouver WA 98661

Phone: 218 573-3818

Amount of Water Claimed: 0.78 cfs

Total Acres: 108 (no additional)

Source of Water Supply: groundwater (one existing well)

Water to be used for: irrigation

County: Hamlin

Type of Waste Disposal System:

Location: 3 miles southeast of Castlewood

PRIORITY

Date Received: 5-8-2000

Fee: \$150

Corrected Application Received::

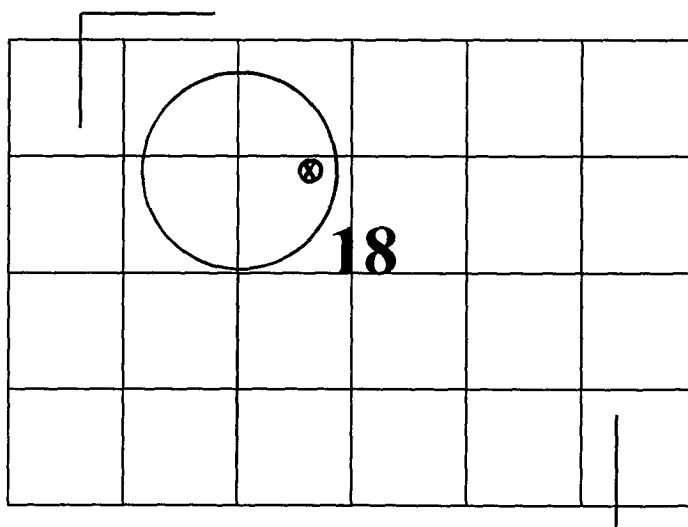
Period of Annual Use: June 1 – October 1

Remarks: Increases the diversion rate authorized by Water Right No. 2061B-3

Diversion Point: SE ¼ NW 1/4

Sec 18-T114N-R51W

Land to be Irrigated: NW ¼ Sec 18-T114N-R51W



Depth of Well: 88 feet deep

Well Driller: : Empire Irrigation Drilling

Remarks:

Type of Map: aerial

Prepared by: Norma Job

Reviewed and the Number Assigned on: 5-8-2000

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

**SOUTH DAKOTA
WATER PERMIT NO. 6199-3**

Date of first receipt of application May 8, 2000.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6199-3 to Randy H Hanson, 2208 E Evergreen Blvd, Vancouver WA 98661 authorizing the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 6199-3 appropriates an additional 0.78 cubic feet of water per second (cfs) to what is currently authorized by Water Right No. 2061B-3. Water Right No. 2061B-3 appropriates 1.00 cfs from one well (Big Sioux-Brookings Aquifer) 88 feet deep located in the SE ¼ NW ¼ Section 18 to irrigate 108 acres located in the NW ¼ Section 18; all in T114N-R51W. The diversion works are capable of diverting an additional 0.78 cfs from the existing well. This permit authorizes a total diversion rate of 1.78 cfs for irrigation of 108 acres. This diversion rate is in excess of one cfs for each 70 acres, however; pursuant to SDCL 46-5-6 this may be allowed if the method of irrigation, time constraints on diversion of water, or the type of soil so requires.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: June 1 – October 1.
3. The date from which applicant may claim right is May 8, 2000.
4. The date of approval of Permit No. 6199-3 is July 31, 2000.
5. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

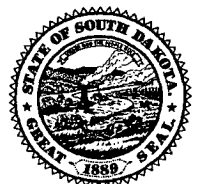
1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.
3. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Water Right No. 2061B-3 and this Permit, combined, authorizes a maximum diversion rate of 1.78 cfs for the irrigation of 108 acres with an annual volume not to exceed 2 acre-feet of water per acre per year.

WATER MANAGEMENT BOARD

By: Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

AUG 25 2000

date



(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6199-3</u>	(office use only) Hydrologic Unit <u>10170202</u>
	Basin <u>Sioux River</u>	
	Newspaper <u>Hamlin Co. Republican,</u>	
	<u>Castlewood</u>	



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 of Applicant Randy H Hanson Phone 218 573-3818
(check one) ☐ Owner ☐ Tenant/lessee
Mailing Address 2208 E Evergreen Blvd, Vancouver WA State 98661
(Street, RR, or Box and City) (Zip Code)

2. Amount of water claimed 0.78 *CFS or **GPM ***AF Total Acreage 108 (no 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 groundwater (one existing well)

4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) _____
SE 1/4 NW 1/4 Sec 18-T114N-R51W
County Hamlin

5. County or counties where water will be used Hamlin

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

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 Sec 18-T114N-R51W	108		

8. Give a description of the project. (Attach sheet if more space is needed)
Water License No. 2061B-3 with a priority date of March 4, 1974 authorizes 1.00 cfs (450 gpm) to irrigate 108 acres. The system is capable of diverting 1.78 cfs (800 gpm) which is more than the statutory limit. The statutory limit for irrigation of 108 acres is 1.54 cfs (693 gpm). In order to operate this system an additional 0.24 cfs (107 gpm) above the statutory limit is required.

STATE OF SOUTH DAKOTA) SS

County of Hamlin

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

I, Randy H Hanson, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Applicant's signature [Signature]

Subscribed and sworn to before me this 15th day of May, 2000.

[Signature]
Notary Public signature
6-7-06

NOTICE OF WELL CONSTRUCTION

West Well
2561-3

(1) WELL CONSTRUCTION

Location of well: 1/4 1/4 NW Section 18 Township 114 Range 51
Well owner: Virgil Rhady, Castlewood 30 57223
Date well drilling completed: 7/1/75 Purpose of well: Irrigation
(coastal, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer	Depth to top of water producing aquifer	ft.
0-2	top soil	12	ft.
2-18	sand & gravel	8	ft.
18-53	gray till	Name of producing aquifer (if known):	gravel
53-87	sand & gravel	Total depth of drill hole	88
87-90	clay	Depth to bottom of casing	88
		Casing information in the space below show kind, size, weight, length per	
		diameter, etc., for production casing and surface casing, if used.	
		0- 10" ID Fiberglass	
		Screen information in the space below show length of screen & lower bottom	
		of casing, diameter and kind of screen or casing perforations.	
		10" ID Fiberglass	
		If a flowing well, flow of completed well	G.P.M.

Attach sheet if more space is needed

Empire Irrigation Drilling Co.
Name of Drilling Contractor Junc.

(2) PUMP INSTALLATION

Company name and size of pump: Fairbanks-Morse HP 60
Type of pump: Turbine Capacity of installed pump: 900 G.P.M.
Depth of pump placement: 30 ft., Date of pump installation: 7/1/75

(3) WATER SURFACE MEASURING TUBE

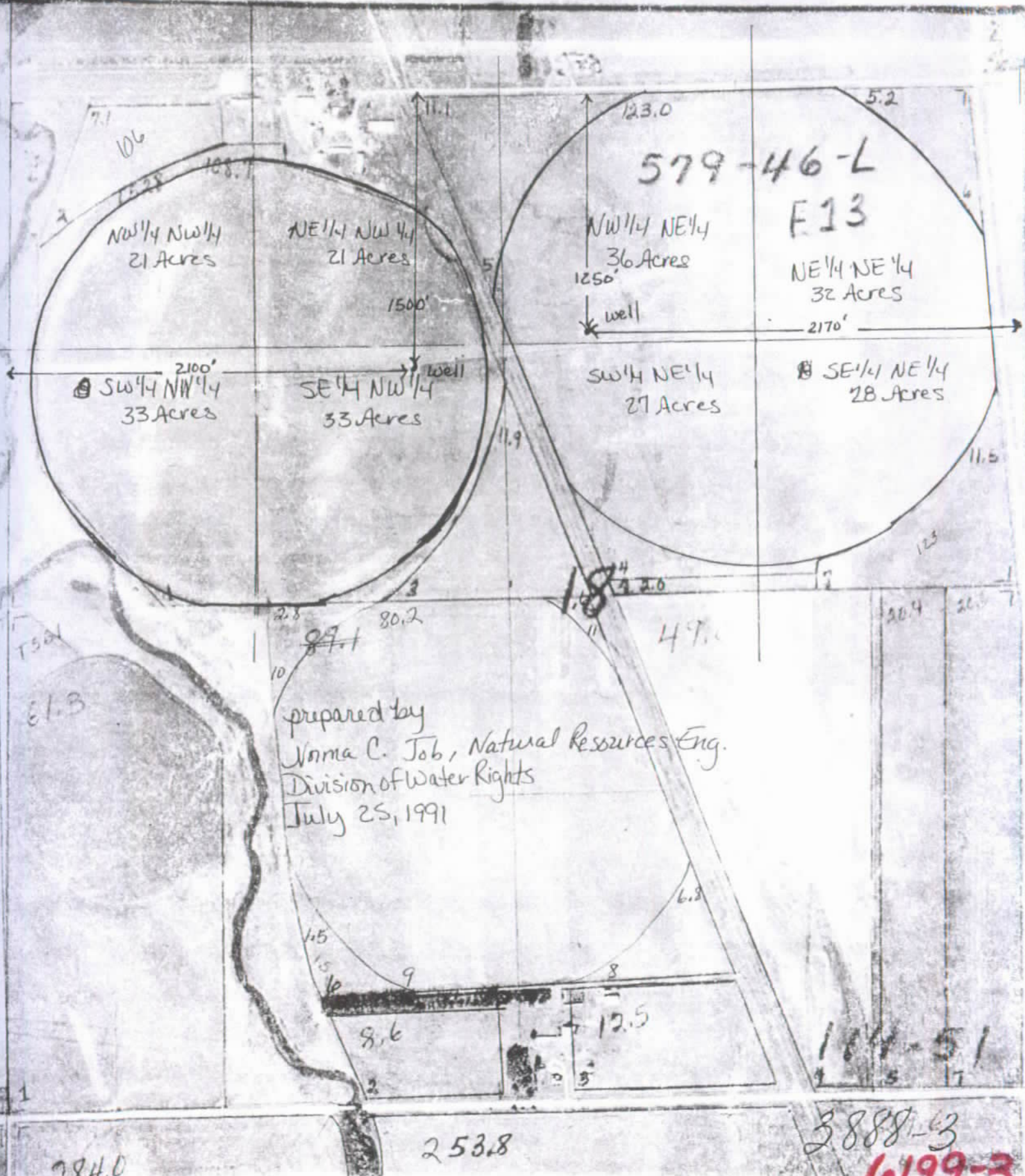
On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed: ft., tube diameter: tube material:

Empire Irrigation Drilling Co. Inc.
Name of Pump Installation Contractor



NOT TO SCALE



RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

NE 416502

Pierre, May 8, 2000

RECEIVED OF Randy H. Hanson, 24508 NE 128th St., Brush Prairie, WA 98606-3221
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. 6188-3 to Appropriate Water, to construct
and to put water to beneficial use _____

150 00

Fee for Application for Permit No. _____ to Appropriate Water, for Future
Use _____

Fee to retain Future Use Permit No. _____ after period of seven years.

Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water
License No. 6188-3 _____

50 00

Fee for Filing Transfer Form _____

Fee for Filing Extension Request _____

Fee for _____

(Any Other Work Provided by Law)

Total

200 00

By David E. [Signature]
Chief Engineer

REPORT ON WATER PERMIT APPLICATION NO. 6199-3

for Randy H. Hanson

June 27, 2000

Application No. 6199-3 proposes to appropriate an additional 0.78 cfs (350 gpm) from one well currently authorized by Water Right No. 2061B-3. Water Right No. 2061B-3 appropriates 1.00 cfs from one well approximately 88 feet deep located in the SE 1/4 NW 1/4 of Section 18 to irrigate 108 acres located in the NW 1/4 of Section 18; all in T114N-R51W. The diversion works is capable of diverting an additional 0.78 cfs from the existing well. This application, if approved, will authorize a total diversion rate of 1.78 cfs for irrigation of 108 acres. This diversion rate is in excess of the one cfs for each 70 acres rule, however; pursuant to SDCL 46-5-6 this may be allowed if the method of irrigation, times constraints on diversion of water, or the type of soil so requires.

AQUIFER - BIG SIOUX BROOKINGS (BS-B)

The Big Sioux Brookings is a predominantly surficial outwash (sand and gravel) which is under water table conditions over most of Hamlin County. The aquifer underlies 88,500 acres and contains an estimated 331,880 acre feet of recoverable water in storage in Hamlin County (Hedges, 1982). The aquifer extends into Brookings County to the south, Deuel County to the east, into Codington County as the Big Sioux North aquifer to the north and is hydraulically connected to the Big Sioux River. In general, ground water movement is from north to south with local movement toward the Big Sioux River (Kume, 1985).

The irrigation well log filed with the application indicates sand and gravel from 2 to 18 feet, clay from 18 to 53 feet and sand and gravel from 53 to 87 feet. The irrigation well had a static water level of 8 feet below land surface. Technically, the irrigation well is completed into a confined portion of the aquifer and is under artesian conditions at this site.

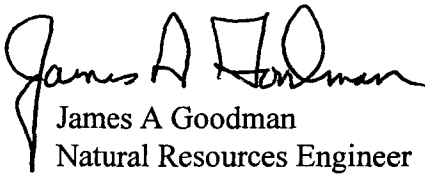
The Water Rights Program does monitor an observation well, HN-63A, which is completed into the Big Sioux aquifer and located about one mile north of this application. Water levels for this well show excellent correlation between climatic conditions and water levels. That is, during wet years ground water levels rise (recharge) and during dry years water levels will gradually decline. The water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2000). A hydrograph for the observation is included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are three existing irrigation wells in the same section as this application. The nearest existing irrigation well is about 1275 feet east of the well for this application. Interference is not a concern. These wells have been in use for many years with no apparent problems. The observation well also indicates that water levels do not fluctuate significantly due to pumping.

CONCLUSIONS

1. Water is available from the Big Sioux Brookings aquifer.
2. The aquifer is confined and may be under confined conditions at this site, however, all around this area the aquifer is under water table conditions. Drawdown is not expected to be significant and interference is not a concern. These wells have been used for many years with no apparent problems.
3. This is an existing well and the well construction information is not sufficient to determine if the well is constructed in accordance with SD Well Construction Standards.
4. The applicant requests a diversion rate of 1.78 cfs when the statutory limit for irrigation of 108 acres is 1.54 cfs. No reason is given for the increase in diversion rate except that the system is capable of diverting that amount. The total volume of diversion should be limited to two acre feet per year with a new priority date for the additional 0.24 cfs, if granted.

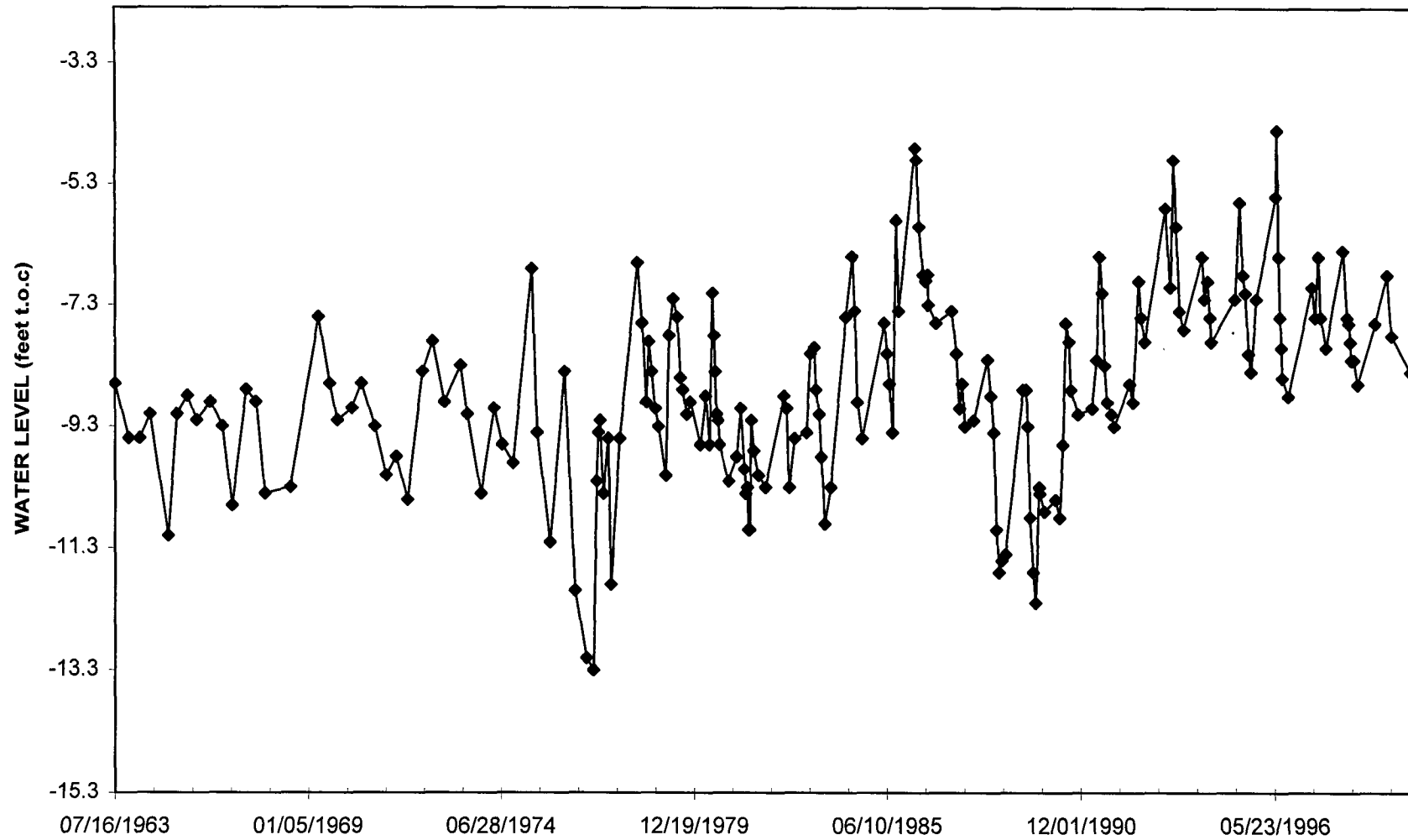


James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

- Hedges, L.S., et al, 1982, Evaluation of Ground-Water Resources Eastern SD and Upper Big Sioux River, SD and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.
- Kume, J, 1985, Water Resources of Deuel and Hamlin Counties, South Dakota, WRI 84-4069, USGS, Huron, SD, 57350.
- Water Rights, 2000, Unpublished Observation Well Records for Hamlin County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

**WATER RIGHTS' OBSERVATION WELL
HN-63A**





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6199-3, Randy H Hanson**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 6199-3, Randy H. Hanson, 2208 E. Evergreen Blvd, Vancouver, WA 98661.

The Chief Engineer is recommending APPROVAL of Application No. 6199-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.
3. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Water Right No. 2061B-3 and this Permit, combined, authorizes a maximum diversion rate of 1.78 cfs for the irrigation of 108 acres with an annual volume not to exceed 2 acre-feet of water per acre per year.

See report on application for additional information.

Garland Erbele, Chief Engineer
July 5, 2000



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

July 6, 2000

Hamlin Co. Republican
Box 50
Castlewood, SD 57223-0050

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6199-3 to Appropriate Water to be published twice. Please publish the first notice on July 12, 2000, with the second publication 7 days later.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Randy H. Hanson, 2208 E. Evergreen Blvd., Vancouver, WA 98661 (Ph # (218) 573-3818).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,

Eric Gronlund /ks
Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CU T HERE-----

No. 6199-3

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

Date _____

We are in receipt of your letter of July 6, 2000, enclosing Notice of Hearing to Appropriate Water by Application No. 6199-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper

Instruction to Newspaper - Publish first Notice on July 12, 2000, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6199-3 to Appropriate Water

Notice is given that Randy H Hanson, 2208 E Evergreen Blvd, Vancouver WA 98661 has filed an application for a water permit to appropriate an additional 0.78 cubic feet of water per second (cfs) to what is currently authorized by Water Right No. 2061B-3. Water Right No. 2061B-3 appropriates 1.00 cfs from one well (Big Sioux-Brookings Aquifer) 88 feet deep located in the SE ¼ NW ¼ Section 18 to irrigate 108 acres located in the NW ¼ Section 18; all in T114N-R51W. The diversion works are capable of diverting an additional 0.78 cfs from the existing well. This application, if approved, will authorize a total diversion rate of 1.78 cfs for irrigation of 108 acres. This diversion rate is in excess of one cfs for each 70 acres, however; pursuant to SDCL 46-5-6 this may be allowed if the method of irrigation, time constraints on diversion of water, or the type of soil so requires.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6199-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by July 31, 2000.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT
THE NEWSPAPER RIGHT AWAY.

July 6, 2000

Randy H. Hanson
2208 E. Evergreen Blvd.
Vancouver, WA 98661

Dear Mr. Hanson:

Water Permit Application No. 6199-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Hamlin Co. Republican printed at Castlewood, SD (Ph # (605) 793-2293). For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund /K5

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

cc: Leslie Hanson, 47238 County Hwy. 58, Ponsford, MN 56575

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.

Affidavit of Publication

STATE OF SOUTH DAKOTA, County of Hamlin, ss

LeeAnne Archer of said County and State being first duly sworn, on his oath says: That the Hamlin County Republican is a weekly newspaper of general circulation, printed and published in Castlewood in said County and State by LeeAnne Archer, that the said newspaper is a legal newspaper and has a bona-fide circulation of at least two hundred copies weekly, and has been published within said County for fifty-two successive weeks prior to the publication of the notice herein mentioned, and was and is printed wholly or in part in an office maintained at said place of publication; and has been such newspaper during the time hereinafter mentioned; and that I, LeeAnne Archer, the undersigned, am publisher of said newspaper, in charge of the advertising department thereof and have personal knowledge of all facts stated in this affidavit; and that the advertisement headed:

Notice of Application
a printed copy of which is hereto attached, was printed and published in the regular and entire issue of said newspaper and not in supplement, once each week for 2 successive weeks, the first publication made on the 12 day of July, 2000, and the last publication on the 19 day of July, 2000.

The 1st publication made on the 12 day of July, 2000
The 2nd publication made on the 19 day of July, 2000
The 3rd publication made on the ___ day of ___ 2000
The 4th publication made on the ___ day of ___ 2000
The 5th publication made on the ___ day of ___ 2000
The 6th publication made on the ___ day of ___ 2000
The 7th publication made on the ___ day of ___ 2000
The 8th publication made on the ___ day of ___ 2000
The 9th publication made on the ___ day of ___ 2000
The 10th publication made on the ___ day of ___ 2000

That the full amount of the fees for publication of the annexed notice is \$ 50.39 and insures solely to the benefit of said publisher; that no agreement or understanding for a division thereof has been made with any other person and that no part thereof has been agreed to be paid to any person whomsoever.

LeeAnne Archer
Subscribed and sworn to before me this 4 day of August, 2000

Martin Menninga
Notary Public

My commission expires _____
My Commission Expires November 10, 2002

NOTICE OF APPLICATION NO. 6199-3 TO APPROPRIATE WATER

Notice is given that Randy H Hanson, 2208 E Evergreen Blvd, Vancouver WA 98661 has filed an application for water permit to appropriate an additional 0.78 cubic feet of water per second (cfs) to what is currently authorized by Water Right No. 2061B-3. Water Right No. 2016B-3 appropriates 1.00 cfs from one well (Big Sioux-Brookings Aquifer) 88 feet deep located in the SE 1/4 NW 1/4 Section 18 to irrigate 108 acres located in the NW 1/4 Section 18; all in T114N-R51W. The diversion works are capable of diverting an additional 0.78 cfs from the existing well. This application, if approved, will authorize a total diversion rate of 1.78 cfs for irrigation of 108 acres. This diversion rate is in excess of one cfs for each 70 acres. However, pursuant to SDCL 46-5-6 this may be allowed if the method of irrigation, time constraints on diversion of water, or the type of soil so requires.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of application No. 6199-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition con-

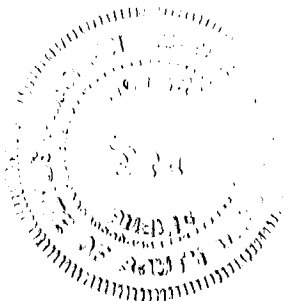
testing the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605) 773-3352" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by July 31, 2000.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application.

Steven M. Pirner, Secretary,
Department of Environment and
Natural Resources

(publish July 12 and 19, 2000)





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

AUG 25 2000

Randy H Hanson
2208 E Evergreen Blvd.
Vancouver WA 98661

Dear Mr. Hanson:

Enclosed is Water Permit No. 6199-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

c: Leslie Hanson, 47238 County Hwy 58, Ponsford MN 56575

Permit No. 6199-3 & 2061B-3**Big Sioux River** - Water District**Report of Examination of Works and/or Application of Water to Beneficial Use**

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, **June 27, 2001**, made a thorough examination of the water use system owned by **Randy H Hanson** of **2208 E Evergreen Blvd, Vancouver WA 98661** holder of Permit No. **6199-3 & 2061B-3**, bearing the priority of **May 8, 2000 and March 4, 1974, respectively** authorizing the diversion of **0.78 and 1.00, respectively** cu. ft. per second of the waters of **ground water (Big Sioux Brookings aquifer)** for **irrigation** purposes, in **Hamlin** County.

Inspection contact & relationship to permit holder, if applicable: **Leslie Hanson, operator****A. Works used to divert the water:****Well Information:**

- 1) Well Drilling Firm: **Empire**
- 2) No. of Wells **1**
- 3) Depth(s) **88** feet
- 4) Well log is available **Y**

Casing:

- 1) Diameter **16** inches
- 2) Type **fiberglass**

Screen:

- 1) Type **fiberglass**
- 2) Static water level **20** feet

Pump:

- 1) Make **Layne**
- 2) Model **10rmh**
- 3) Capacity **800** GPM

Motor:

- 1) Make **General Electric**
- 2) Horsepower rating **60** hp

B. Works used to transport water to place of use:

- 1) Type **PVC**
- 2) Size **8** inches
- 3) Length **750** feet

C. Works used to apply water to beneficial use:**Center pivot:**

- 1) Make **Reinke**
- 2) Number of towers **7**
- 3) End gun **Y**
- 4) High pressure **60 psi**
- 5) Capacity **800** GPM

Chemigation Equipment:

- 1) Does chemigate **N**

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by **Y**
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period **Y**
- 3) Exceptions to compliance are: **none**

Report of Examination of Works

Permit No. 6199-3 and 2061B-3

The system is in **good** condition with the point of diversion located as follows: **Well: 1,500 feet S and 2,100 feet E from the NW corner section 18-T114N-R51W (SE $\frac{1}{4}$ NW $\frac{1}{4}$ latitude 44.68454 longitude -96.99843).** The works are capable of diverting and conveying to the place of use **1.78*** cu. ft. per second of water which is to be used for **irrigation purposes**. Water has been put to beneficial use to the maximum extent as follows: **All in section 18-T114N-R51W**

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 21 ac
NW $\frac{1}{4}$ NW $\frac{1}{4}$ 21 ac

SW $\frac{1}{4}$ NW $\frac{1}{4}$ 33 ac
SE $\frac{1}{4}$ NW $\frac{1}{4}$ 33 ac

comprising a total of **108** acres of land and the license should be issued for **1.78** cfs.

Comments or other permit(s) associated with the project: ***Water Right No. 2061B-3 needs to be incorporated into No. 6199-3. A priority date of March 4, 1974 (No. 2061B-3) needs to be assigned to 1.00 cfs and May 8, 2000 (No. 6199-3) to the remaining 0.78 cfs. Exceeding 1 cfs\70 acres is allowed under No. 6199-3.**

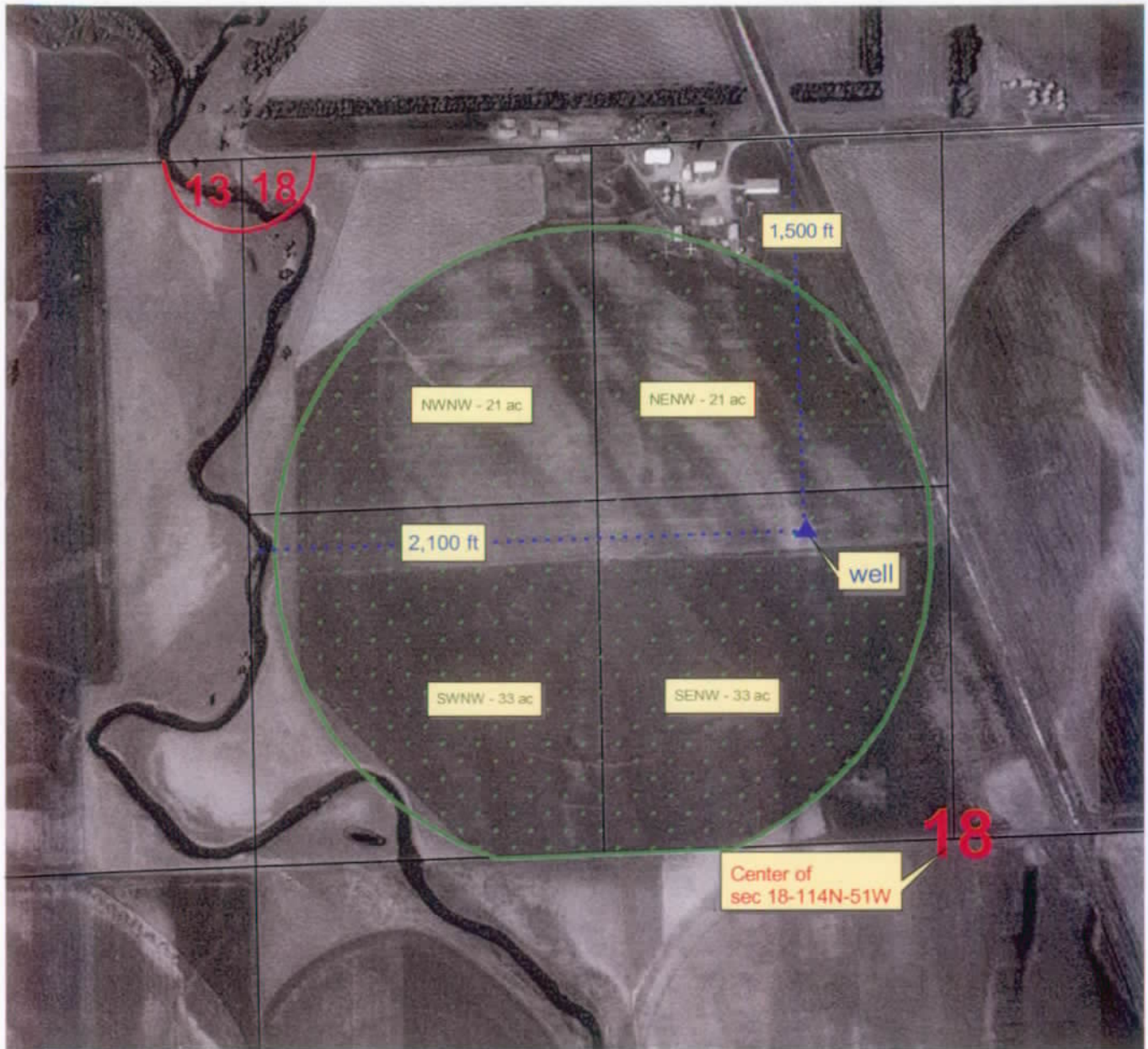
All structures, wells
and lands on map Y



Ron Duvall
Natural Resources Engineer
DENR, Water Rights Program

Date report completed: **September 20, 2001**

600 0 600 Feet



South Dakota
Department of Environment
& Natural Resources
Water Rights

Ron Duvall, Nat. Res. Engineer
September 20, 2001

No. 6199-3

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6199-3

(1) Randy H Hanson, 2208 E Evergreen Blvd, Vancouver, WA 98661 made Application No. 6199-3, May 8, 2000 for a water permit to divert 0.78 cubic feet of water per second (cfs) from ground water (one existing well), Hamlin County, South Dakota for irrigation purposes. Permit No. 6199-3, with a priority date of May 8, 2000 was approved July 31, 2000 and issued to the applicant for diversion of water with construction of the described water supply system and the application to beneficial use of water completed.

Water Right No. 2061B-3, with a priority date of March 4, 1974, appropriates 1.00 cfs from one well to irrigate 108 acres. Pursuant to SDCL 46-5-6, which allows a greater diversion rate if the method of irrigation, time constraints or type of soils so require, Water Right No. 2061B-3 and No. 6199-3, combined authorize a maximum diversion rate of 1.78 cfs for irrigation of 108 acres with an annual volume not to exceed 2 acre-feet of water per acre per year.

The applicable portions of Water Right No. 2061B-3 are incorporated into this Water License No. 6199-3. A priority date of March 4, 1974 is retained for 1.00 cfs and a priority date of May 8, 2000 is retained for 0.78 cfs.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.78 cubic feet of water per second for beneficial use. The location of the diversion point is 1,500'S and 2,100'E of the NW corner of Section 18, T114N, R51W (SE ¼ NW ¼).

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

Section 18, T114N, R51W	NE ¼ NW ¼	21 acres
	NW ¼ NW ¼	21 acres
	SW ¼ NW ¼	33 acres
	SE ¼ NW ¼	33 acres
	Total	108 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Randy H Hanson, 2208 E Evergreen Blvd, Vancouver, WA 98661 the holder and/or owner of Incorporated Water Right No. 6199-3 is issued a license to appropriate water, the right to use 1.78 cubic feet of water per second from ground water (one well) with priority dates of March 4, 1974 (1.00 cfs) and May 8, 2000 (0.78 cfs) from the location specified in (2) of this license. The water to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation. This license is subject to any limitations or qualifications listed in Incorporated Water Right No. 6199-3 and subject to South Dakota State Law.

Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

NOV 07 2001

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

NOV 07 2001

6199-3

Randy H Hanson
2208 E Evergreen Blvd
Vancouver, WA 98661

Dear Mr. Hanson:

Enclosed is Water License No. 6199-3. This is the final water right document completing your process of obtaining a Water Right.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 6199-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

c: Leslie Hanson, 47238 County Hwy 58, Ponsford, MN 56575

**Note: The applicable portions of Water Right No. 2061B-3 have been incorporated into
Water License No. 6199-3**