

WATER PERMIT NO. 1773-1

Name of Applicant: Boucher & McCrea Trust

Address: PO Box 1032, Brighton CO 80601-1032

Phone: 605 654-1806

Amount of Water Claimed: 0.044 cfs (20 gpm)

Total Acres: NA

Source of Water Supply: groundwater

Water to be used for: commercial (temporary campground)

County: Meade

Type of Waste Disposal System: septic tank & drain field

Location: 3 miles north of Sturgis

PRIORITY

Date Received: 7-9-02

Application/License Fee: \$100

Corrected Application Received:

Period of Annual Use: January 1 – December 31

Remarks:

Diversion Point: SW ¼ NW ¼ Sec 22-T6N-R5E

Land to be Irrigated: NA

Depth of Well: 666 feet deep

Well Driller: : Heaton Drillers

Remarks:

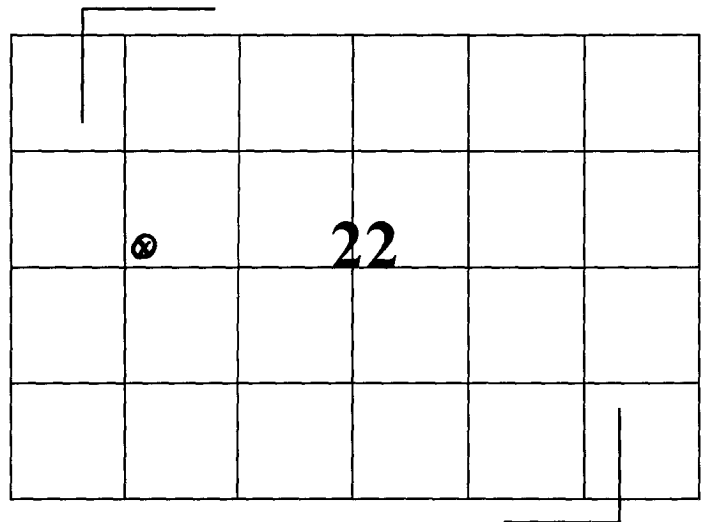
Type of Map: plat

Prepared by: James D. Walker, RLS

Reviewed and the Number Assigned on: 7-9-02

By: Karen Schlaak

Notice of Hearing - date to intervene: _____



FORM 2: Application for uses other than irrigation
(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>1773-1</u> (office use only) Hydrologic Unit <u>10/20202</u>
	Basin <u>Belle Fourche River</u>
	Newspaper <u>Meade Co. Times-Tribune</u> <u>Sturgis</u>

RECEIVED
JUL 09 2002
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use(s) of water:

☐ Municipal ☐ Suburban Housing ☐ Recreational ☐ Institutional
☐ Rural Water System ☐ Commercial ☐ Fish & Wildlife ☐ Geothermal Heat
☒ Domestic (over 18 gpm) ☐ Industrial ☐ Other _____

Type of Application: ☒ New ☐ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
(check one) ☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____
☐ Amendment/Correction to Permit No. _____

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.) _____

- Name of Applicant W.L. BOUCHER FOR THE BOUCHER FAMILY Phone 303-654-1806
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address P.O. Box 1032, BRIGHTON State CO 80601-1032
(Street, RR. or Box and City) (Zip Code)
- Amount of water claimed 0.044 *CFS or 20 **GPM ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable
- Source of water supply WELL
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) 1 WELL IN SW1/4
NW1/4 OF SECTION 22, T6N, R5E, BHM County MEADE
- County or counties where water will be used MEADE
- Annual period during which water is to be used JAN. 1 - DEC. 31

7. Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)
ONE WEEK A YEAR (AUGUST), MY TEMPORARY CAMP GROUND WILL
USE WELL WATER FOR DRINKING, BATHING, ETC. THERE IS A 1200 - GAL.
CISTERN FOR WATER STORAGE (PRESH). [GRAY WATER IS STORED & DIS-
CHARGED AFTER 72 HOURS.]

STATE OF SOUTH DAKOTA
County of El Paso SS

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, W.L. BOUCHER, 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 W.L. Boucher

Subscribed and sworn to before me this 1st day of July 20 02

MY COMMISSION EXPIRES
OCTOBER 9, 2004

Maureen Henderson
Notary Public signature

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter _____ Depth 6666
- b) Casing Type PLASTIC Diameter 5" Thickness SEE ATTACHED
- c) Screen Type PERFORATED PIPE Diameter 2 7/8" Thickness COMPLETION REPORT
- d) Gravel Pack N/A Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material SEE ATTACHED COMPLETION REPORT
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:
- On applicants property N/A On property owned by others ABOUT 300 YDS.

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) SEPTIC TANK / DRAIN FIELD (PROBABLY)
- b) System Capacity (gallons) 3 Year Constructed MID-1970S
- c) Connected to the City of _____ Sanitary System _____

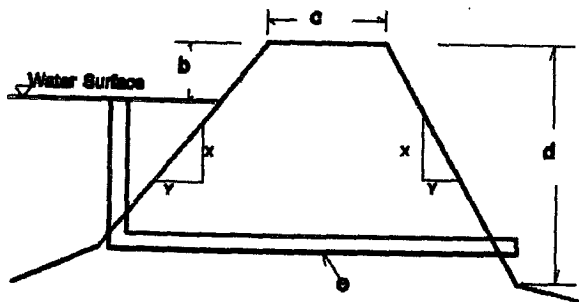
3. Dugout Information N/A

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

4. Water Storage Dams N/A

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 _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

Form 2A **Supplemental Information**
(Complete applicable portions only)

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 7 7/8" Depth 6666
- b) Casing Type PLASTIC Diameter 5" Thickness SEE ATTACHED COMPLETION REPORT
- c) Screen Type PERFORATED PIPE Diameter 2 7/8" Thickness _____
- d) Gravel Pack N/A Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material SEE ATTACHED COMPLETION REPORT
- f) Depth to Water (ground surface to water level) _____ " _____ " _____ "
- g) Distance to nearest existing domestic well:
On applicants property N/A On property owned by others ABOUT 300 YDS.

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) SEPTIC TANK/DRAIN FIELD (PROBABLY)
- b) System Capacity (gallons) ? Year Constructed ? MID 1970S
- c) Connected to the City of _____ Sanitary System _____

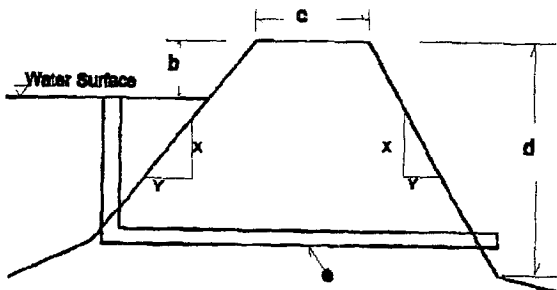
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- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

**SOUTH DAKOTA
WATER PERMIT NO. 1773-1**

Date of first receipt of application July 9, 2002.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 1773-1 to Boucher & McCrea Trust, W. L. Boucher, PO Box 1032, Brighton CO 80601-1032 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 1773-1 appropriates 0.044 cubic feet of water per second (20 gallons per minute) from one well (Inyan Kara Formation) 666 feet deep located in the SW ¼ NW ¼ Section 22-T6N-R5E.
2. The water appropriated shall be used for the purpose of commercial use at a campground and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 1773-1 is September 9, 2002.
5. The date from which applicant may claim right is July 9, 2002.
6. One-fifth of the construction is to be completed on or before March 9, 2005.
7. All construction is to be completed on or before September 9, 2007.
8. Water is to be put to beneficial use on or before September 9, 2011.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATION

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.

WATER MANAGEMENT BOARD

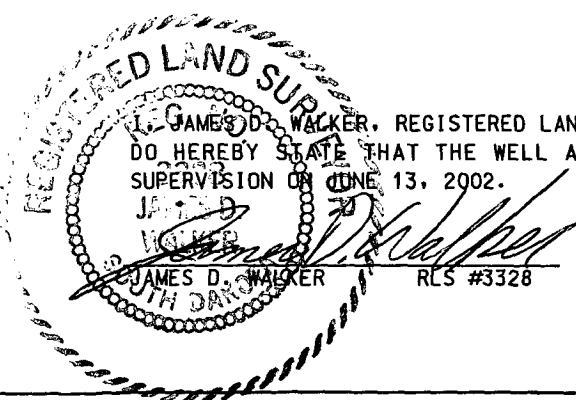
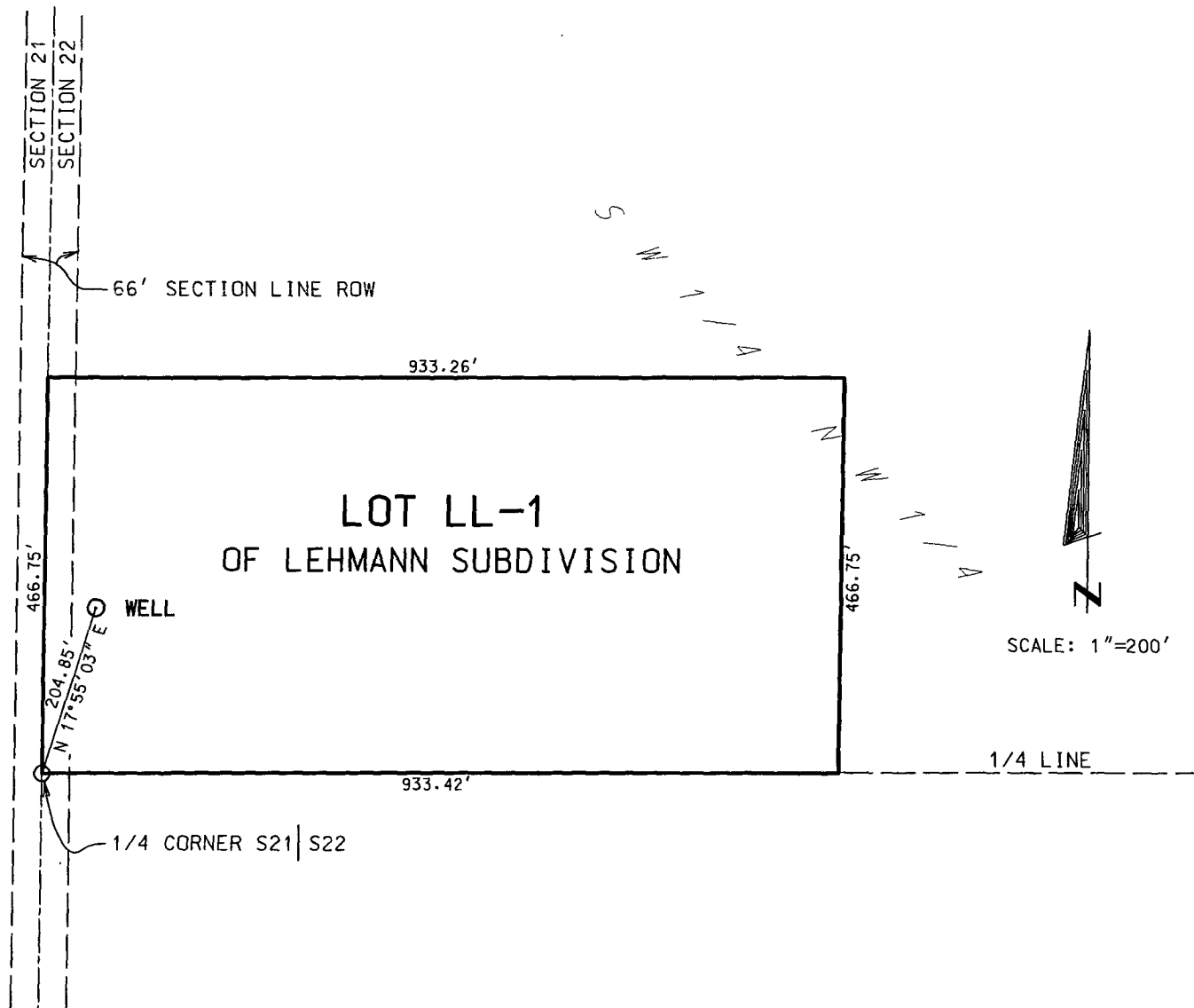
By: Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

SEP 17 2002

date



MAP OF MCREA & BOUCHER TRUST WELL LOCATION
IN LOT LL-1 OF LEHMANN SUBDIVISION, SITUATED IN THE
SW1/4 NW1/4 OF SECTION 22, T6N, R5E, BHM, MEADE COUNTY, SD



JAMES D. WALKER, REGISTERED LAND SURVEYOR #3328 IN THE STATE OF SOUTH DAKOTA,
DO HEREBY STATE THAT THE WELL AS SHOWN HEREON WAS LOCATED UNDER MY DIRECT
SUPERVISION ON JUNE 13, 2002.

JAMES D. WALKER

RLS #3328

DATE

6/20/02

PREPARED BY:

NJS ENGINEERING
SPEARFISH, SD 57783
P.O. BOX 226
(605) 642-4772
PROJECT #3386

1773-1

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

NR 417214

Pierre, July 9, 20 02

RECEIVED OF W L Boucher, PO Box 1032, Brighton CO 80601-1032
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>1773-1</u> to Appropriate Water, to construct and to put water to beneficial use _____	50	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. <u>1773-1</u> _____	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	100 00

By

Darland Eibele

Chief Engineer

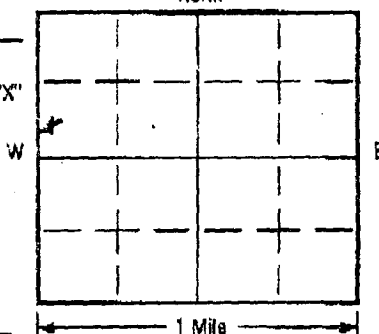
gm

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SW 1/4 NW 1/4 Sec. 22 Twp 76 N Rg 5E
County Meade North

Please mark well location with an "X"



Well Completion Date

June 25 02

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 250 ft. from SEPTIC (identify source).

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☒ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

RotaryCASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>250</u> LB/FT	<u>5"</u> IN	<u>0</u> FT	<u>440</u> FT	<u>7 7/8</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>cement</u>	<u>75</u>	<u>6-1</u> lb./gal	<u>0</u> ft	<u>440</u> ft
_____	_____	_____ lb./gal	_____ ft	_____ ft

Describe grouting procedure pressure + tremie
methodSCREEN: ☒ Perforated pipe ☐ ManufacturedDiameter 2 1/4 IN Length 236 FEETMaterial SteelSlot Size 1/4 Set From 566 Feet to 646 Feet

Other information _____

WAS A PACKER OR SEAL USED? ☒ YES ☐ NOIf so, what material? Formation packerDescribe packer(s) and location? 430 - 566 - 646

DISINFECTION: Was well disinfected upon completion?

☒ YES, How: _____

NO, Why Not? _____

Laboratory sent to for water quality analysis

CLOC TABSWell Owner: Boucher and McGinn Trust

Business Name: _____

Address: P.O. Box 1032Brittton CO.80601-1232

WELL LOG:

DEPTH

FORMATION	FROM	TO
Top Soil	0	3
Gravel	3	18
Shale	18	366
Dakota / Fuzon	366	566
Dakota Sandstone	566	623
Clays	623	636
Sandstone	636	646
Clays	646	666

STATIC WATER LEVEL Flow FeetIf flowing: closed in pressure 11 15 PSIGPM flow 20 through 2" inch pipeControlled by ☒ Valve ☐ Reducers ☐ Other _____Reduced Flowrate 0 GPMCan well be completely shut in? YES

WELL TEST DATA:

☐ PumpedDescribe: Flow Clean☐ Bailed☒ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

This well was drilled under license # 197

And this report is true and accurate.

Drilling firm Heaton Drilling

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder:

X W. R. Boucher

Date: _____

Mic contingent

WATER PERMIT APPLICATION NO. 1773-1
BOUCHER & MCCREA TRUST
JULY 25, 2002

Water Permit Application No. 1773-1 proposes to appropriate 0.044 cubic feet of water per second (20 gallons per minute) from one well (Inyan Kara aquifer), 666 feet deep located in the SW¼ NW¼ Sec. 22, T6N-R5E. The water is for commercial use in a campground.

AQUIFER: Inyan Kara (INKR)

GENERAL:

The Inyan Kara aquifer consists of the Fall River Formation and the underlying Lakota Formation. The Fuson Shale sometimes separates these two formations, but it is often difficult to differentiate the bottom of the Fall River from the top of the Lakota. The two formations are probably hydraulically connected and therefore can be considered a single aquifer. In general, the Inyan Kara aquifer consists of interbedded sandstone (thin bedded to massive), siltstone, and shale. The aquifer is areally extensive, underling over 36,000 square miles of western South Dakota (Allen and others, 1984). The aquifer underlies 2,107,520 acres and contains an estimated 36,354,720 acre-feet of recoverable water in storage in Meade County alone county (Allen and others, 1984). This well site is approximately one mile east from the outcrop (recharge area) of the Inyan Kara. The top of the aquifer is reported to be 366 feet below grade on the "South Dakota Well Completion Report" that accompanies this application. This is a flowing well with the closed in pressure of the well equivalent to 25 feet above the casing.

WATER AVAILABILITY:

Water Rights Program monitors seven observation wells completed into the Inyan Kara Aquifer in the Black Hills Area. Hydrographs of most of these wells indicate the aquifer is in dynamic equilibrium showing only minor changes in water level corresponding with seasonal or climatic conditions. The nearest observation well to this permit, MD-89A, is located approximately one mile northwest of this well. The hydrograph for this well, figure 1, exhibits some interesting and as yet unexplained water level fluctuations, but clearly demonstrates the aquifer is recharged and in general, water levels of the aquifer have remained relatively constant over the period of record.

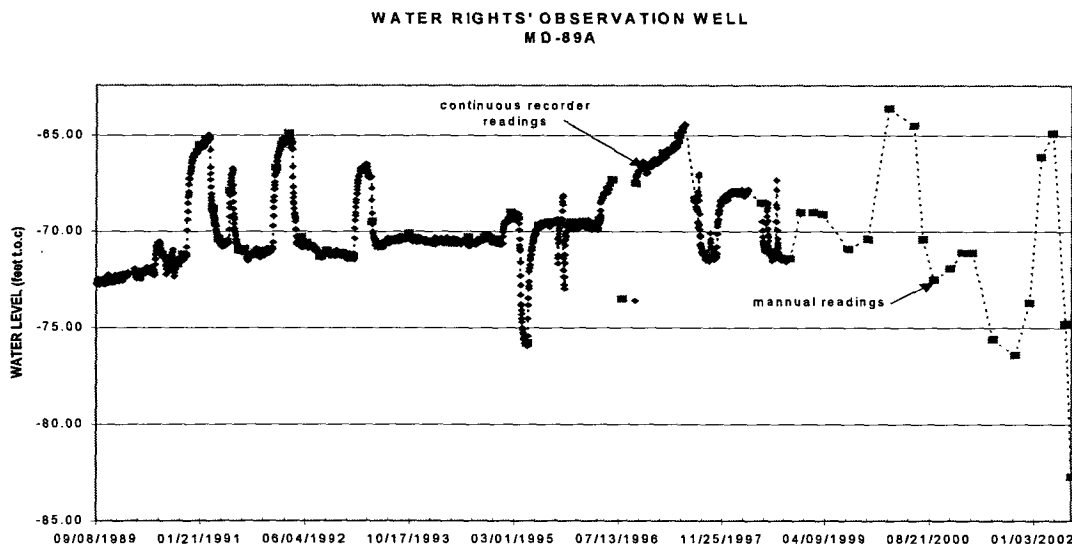


Figure 1. Hydrograph of Inyan Kara Observation Aquifer Well located approximately 1.25 miles southeast of the well sites proposed by 726-1

The hydrograph information indicates water is available for this appropriation (Water Rights, 2002b).

EXISTING WATER RIGHTS:

There are several domestic well logs on file for wells completed into the Inyan Kara Aquifer in this area (Water Rights, 2002a).

The Inyan Kara Aquifer has been developed in at least 23 counties in South Dakota with 134 Water Rights/Permits (Water Rights, 2002c). There are 23 rights/permits appropriating water from the Inyan Kara Aquifer in Meade County. There are five Water Permits/Rights appropriating groundwater within three miles of the well that is to supply water for this application, they include:

Permit No	Name	cfs	Aquifer	Distance from 1773-1
431-1	Parsons	0.17	INKR	2.25 miles
1716-1	Lore	0.04	MNLS	3 miles
1717-1	Bestgen	0.10	INKR	2.25 miles
1747-1	Manley	0.10	MNLS	2.25 miles
1762-1	Bestgen	1.67	INKR	1.66 miles

Wells completed into the Minnelusa aquifer will not be affected by pumping from this well due to the hydraulic separation between the two aquifers. The adequate wells completed into the Inyan Kara aquifer should not be adversely impacted by interference caused by pumping this well due to the low diversion rate proposed by this application and the distance between wells.

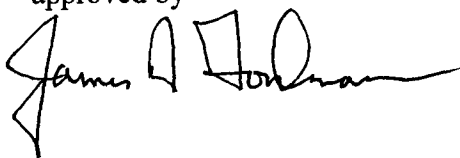
CONCLUSIONS:

1. The Inyan Kara Aquifer is a viable aquifer in this area, and water is available for this appropriation.
2. Well interference should not be a problem in this area.
3. The Completion Report supplied for the well to be used for this appropriation indicates the well was constructed in accordance with the SD Well Construction Standards.



Ken Buhler
Natural Resources Engineering Specialist

approved by



James A. Goodman, P.E.
Natural Resources Engineering Director

REFERENCES:

- Allen, J.C., Iles, D.L., and Petres, A.K., 1984, Analysis of Groundwater and Streamflow Data Western Dakotas Region of South Dakota, Task 3 and 4: Groundwater Resource Inventory, Department of Water and Natural Resources,
- Carter, J.M., Redden, J.A., Altitude of the Top of the Inyan Kara Group in the Black Hills Area, South Dakota, Hydrologic Investigations Atlas HA-744-A, U.S., Department of the Interior, U.S. Geological Survey, Rapid City, SD
- Strobel, M.L., Galloway, J.M., Hamade, G.R., and Jarrell, G.J., 2000, Potentiometric Surface of the Inyan Kara Aquifer in the Black Hills Area, South Dakota, Hydrologic Investigations Atlas HA-745-A, U.S. Department of the Interior, U.S. Geological Survey, Rapid City, SD
- Water Rights, 2002a, "Domestic Well Log Files" DENR-Water Rights Program, Joe Foss Building, Pierre, SD 57501
- Water Rights, 2002b, "Observation Well Files" DENR-Water Rights Program, Joe Foss Building, Pierre, SD 57501
- Water Rights, 2002c, "Water Permit Files" DENR-Water Rights Program, Joe Foss Building, Pierre, SD 57501



**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. 1773-1, Boucher & McCrea Trust**

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. 1773-1, Boucher & McCrea Trust, c/o W.L. Boucher, PO Box 1032, Brighton CO 80601-1032.

The Chief Engineer is recommending APPROVAL of Application No. 1773-1 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:

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.

See report on application for additional information.

Garland Erbele, Chief Engineer
August 9, 2002

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA
COUNTY MEADE

Theresa Finn, Being duly sworn, says: That the Meade County Times and Black Hills Press are and, during all times hereinafter mentioned, are legal newspapers as defined in SDDCL 17-2-2, as amended, published in Sturgis, Meade County, South Dakota, by Country Media, Inc.; that affiant is and, during all of said times, was employed as an accounting clerk by the publisher of such newspaper and has personal knowledge of the facts stated in the affidavit; that the notice, order or advertisement, a copy of which is attached, was published in said newspaper for the issues (s) bearing the following dates:

Aug 21 200 2

Aug 28 200 2

_____ 200 _____

_____ 200 _____

_____ 200 _____

That the full amount of the fee charged for publishing the same, to-wit, the sum of \$ 36.86, insures solely to the benefit of the publisher of said newspaper; that no agreement or understanding for the division of the fees has been made with any person, and that no part of the fee has been agreed to be paid to any other person.

Theresa Finn

Accounting Clerk



Subscribed and sworn before me this

9 day of Sept 200 2

Pamela Buhler
Notary Public, South Dakota

My commission expires Feb 8, 2007

Water application

**NOTICE OF APPLICATION
NO. 1773-1 to Appropriate Water**

Notice is given that W. L. Boucher for the Boucher & McCrea Trust, PO Box 1032, Brighton CO 80601- 1032 has filed

an application for a water permit to appropriate 0.044 cubic feet of water per second (20 gallons per minute) from one well (Inyan Kara Formation) 666 feet deep located in the SW1/4NW1/4 Section 22-T6N-R5E. The water is for commercial use in a campground.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1773-1 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 September 9, 2002.

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.

**Publ Aug. 21 and 28, 2002
Meade County Times-Tribune**

RECEIVED
SEP 10 2002
WATER RIGHTS
PROGRAM

Instruction to Newspaper - Publish first Notice on August 21, 2002 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 1773-1 to Appropriate Water

Notice is given that W. L. Boucher for the Boucher & McCrea Trust, PO Box 1032, Brighton CO 80601-1032 has filed an application for a water permit to appropriate 0.044 cubic feet of water per second (20 gallons per minute) from one well (Inyan Kara Formation) 666 feet deep located in the SW ¼ NW ¼ Section 22-T6N-R5E. The water is for commercial use in a campground.

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**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.

August 12, 2002

W. L. Boucher for the Boucher & McCrea Trust
PO Box 1032
Brighton CO 80601-1032

Dear Mr. Boucher:

Water Permit Application No. 1773-1 for commercial 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 Meade Co. Times-Tribune printed at Sturgis, SD (Ph # 605-347-2503). You will need to contact the newspaper and authorize publication of this notice. 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. Upon receiving authorization, 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 also 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
Natural Resources Engineer
(605) 773-3352

enclosures

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.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

August 12, 2002

Meade Co. Times-Tribune
PO Box 69
Sturgis SD 57785-0069

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 1773-1 to Appropriate Water to be published twice. Please publish the first notice on August 21, 2002 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 W.L. Boucher for the Boucher & McCrea Trust, PO Box 1032, Brighton CO 80601-1032 (Ph # 303-654-1806).

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
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

No. 1773-1

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

Date _____

We are in receipt of your letter of August 12, 2002 enclosing Notice of Hearing to Appropriate Water by Application No. 1773-1 which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

SEP 17 2002

Boucher & McCrea Trust
% W. L. Boucher
PO Box 1032
Brighton CO 80601-1032

Dear Mr. Boucher:

Enclosed is Water Permit No. 1773-1 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

**NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE**

Date

9/20/02

TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

FROM:

W. L. BOUCHER
(name)P.O. Box 1032
(address)BRIGHTON CO 80601-1032
(city, state, zip)303-654-1806
(phone)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

Water Permit No. 1773-1 states that the water use system is to be constructed by

9/9/07 (date), and water is to be put to beneficial use by 9/9/11 (date)

The water use system was completed on

6/30/02
(date)

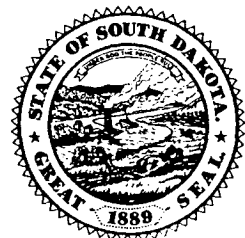
Applying the water to beneficial use was completed on

7/20/02
(date)

RECEIVED
SEP 24 2002
WATER RIGHTS
PROGRAM

You may schedule an investigation so that the water license may be issued.

W. L. Boucher
(signature)



Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 1773-1

I have this day, **June 21, 2017** made a thorough examination of the water use system constructed by **Boucher and McCrea Trust, P.O.Box 1032, Brighton, Co. 80601-1032** of Permit No. **1773-1**, bearing the priority of **7/9/2002** authorizing the diversion of **.044** cu. ft. per second of the water from one well for **commercial** purposes, in **Meade** County.

Inspection contact & relationship to permit holder, if applicable:

Kevin Edwards, campground mgr.
970-749-4423

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Heaton Drilling (6/2002)
- 2) No. of Wells 1
- 3) Depth(s) 666 feet
- 4) Well log is available Yes

Casing:

- 1) Diameter 5"
- 2) Length 440 feet
- 3) Type PVC

Screen:

- 1) Type 2 7/8" steel perforated pipe
- 2) Length 236 feet (410' – 646')
- 3) Static water level Flowing (closed in pressure @completion 11 psi, at time of inspection 18 psi)

Pump: #1

- 1) Make FPS
- 2) Model Turf Boss
- 3) Size Centrifugal surface pump
- 4) Capacity 20 GPM
- 5) Horsepower rating 1 1/2 hp

#2

- Munro
- Irrigation Pump
- Centrifugal surface pump
- 20 GPM
- 3 hp

Note: **The well flowed 20 gpm @ time of completion, pumps are not operated simultaneously**

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

The well flows to twin pumps, each with its own pressure tank serving two separate systems.

C. Works used to apply water to beneficial use:

The well serves Arnies Acres Campground, a private member only campground, which includes a mobile home, 5 hydrants for camp supply and a shower house. The mobile home is used infrequently for short stays and the campground is only open during the Sturgis Rally.

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by: Yes,
- 2) Exceptions to compliance are: none

E. Condition and Location:

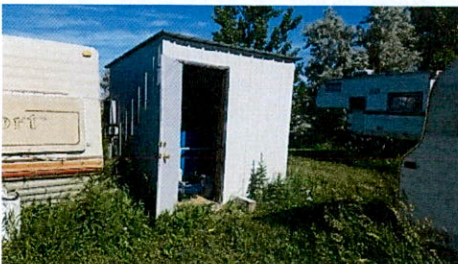
1. The system is in good condition with the point of diversion located as follows:
2,412' S and 72' E of the NW corner Section 22 T6N R5E (44.467654, -103.508256)
2. The works are capable of diverting and conveying to the place of use .045 cu-ft. per second (20 gpm) of water which is to be used for **commercial** use and the license should be issued for .045 cfs.
3. All structures, wells and lands on map: **No, well only**

F. Comments or other permit(s) associated with the project: none



Steven Quissell
Water Rights Inspector
DENR Water Rights Program

Date Report Completed: 6/21/2017



Pump house

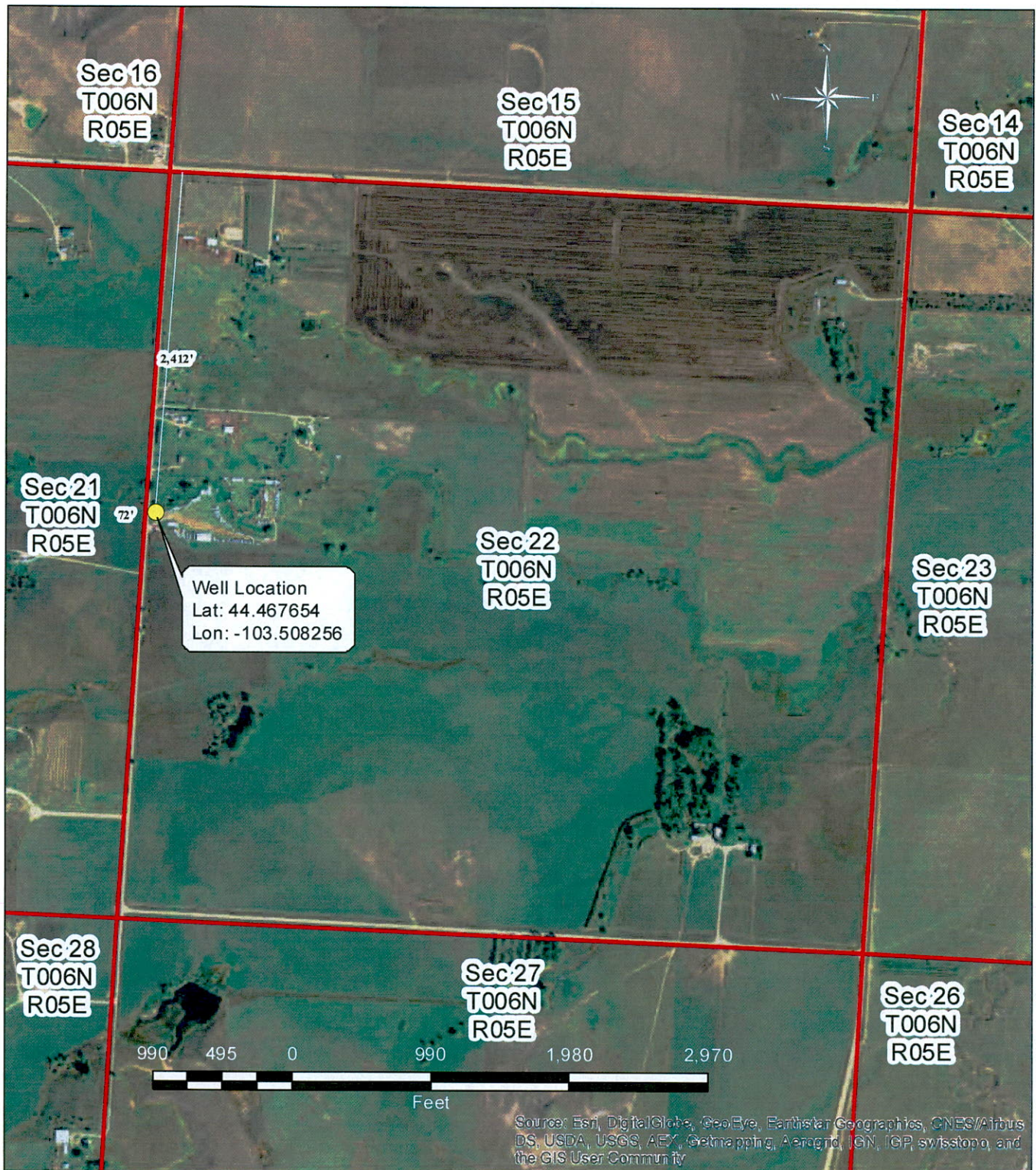


Pumps and appurtenances

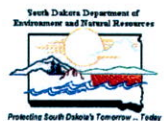


Well head in photo center

Water Right #1773-1
Boucher & McCrea Trust
6/21/2017



Steven Quissell
Water Rights Inspector
DENR Water Rights Program





DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
<http://denr.sd.gov>

JUN 29 2017

1773-1

W L Boucher
Boucher & McCrea Trust
PO Box 1032
Brighton CO 80601-1032

Dear Sir:

Enclosed is Water License No. 1773-1. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if in the future, the owner of an existing well, 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,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 1773-1

(1) Boucher & McCrea Trust, W L Boucher, PO Box 1032, Brighton CO 80601-1032 made Application No. 1773-1, July 9, 2002 for a water permit to divert 0.044 cubic feet of water per second (20 gallons per minute) from ground water, one well (Inyan Kara Formation), Meade County, South Dakota for commercial purposes. Permit No. 1773-1, with a priority date of July 9, 2002 was approved September 9, 2002 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before September 9, 2007 and for the application to beneficial use of said water on or before September 9, 2011.

(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 0.044 cubic feet of water per second for beneficial use. The location of the diversion point is:

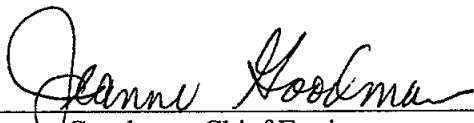
- 2,412'S and 72'E of the NW corner of Section 22, T6N, R5E (SW ¼ NW ¼).

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use. The well serves a campground, mobile home, hydrants and a shower house.

(4) Pursuant to South Dakota Water Law 46-5-30.1 Boucher & McCrea Trust, W L Boucher, PO Box 1032, Brighton CO 80601-1032 the holder and/or owner of Water Right No. 1773-1 is issued a license to appropriate water, the right to use 0.044 cubic feet of water per second from ground water, one well (Inyan Kara Formation) with a priority date of July 9, 2002 from the location specified in (2) of this license for commercial purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 1773-1 and subject to the following qualifications:

- 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.



Jeanne Goodman, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUN 29 2017

date

