

Considered: _____

WATER PERMIT NO. 2222-2

Phone: 343-4391

Name of Applicant: Storm Mountain Center

Post Office Address: HC 33, Box 1701, Rapid City SD 57701

Amount of Water Claimed: 20 gpm 0.044 cfs Total Acres: NA

Source of Water Supply: groundwater

Water to be used for: institutional & recreational County: Pennington

About _____ miles _____ of near Rockerville

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

F.F. & C/.L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY Date Received: 2-24-92 Fee: \$50 Remarks _____

Corrected Application Received 2-28-92 Period of Annual Use Jan 1 - Dec 31

WATER QUALITY APPROVAL RECEIVED _____ APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES _____ NO _____ REMARKS _____

Diversion Point: SW 1/4 NW 1/4 Sec 14-T1S-R6E

Land to be Irrigated: _____

	⊙		1/4		

Well Log: Driller: Alexander Drilling Licensed YES X NO _____

Depth of Well: 186' REMARKS _____

Type of Map: topo PREPARED BY: Don Frye Reviewed and the Number

Assigned on 2-28-92 By Karen Schlaak

Mail to: Water Rights Div.
523 E. Capitol
Pierre, SD 57501
(605) 773-3352

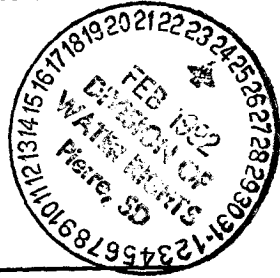
No. 2222-2 Hydrologic Unit 10120109
Map No. _____ Basin Upper Cheyenne
Newspaper Rapid City Journal, PO Box 450 57709
394-8300

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

Check use of water: Industrial ☐ Commercial ☐ Municipal ☐ Other Common Distribution System ☐
Rural Water System ☐ Suburban Housing ☐ Geothermal Heat ☐ Institutional ☒ Recreational ☒
Domestic ☐ (above 18gpm) Other ☐

Type of Application: Check one or more of the following

New ☒ Vested Right ☐ Future Use ☐ Change Use ☐
☐ Amend Permit No. _____ with old priority date retained
Change diversion point(s) ☐ Add diversion point(s) ☐ Other ☐ _____
☐ Application to: Change diversion point(s) ☐ Add diversion point(s) ☐ on Permit No. _____
☐ Construction to use water reserved by Future Use Permit No. _____



- Name of Applicant Storm Mountain Center Phone No. 343-4391
Post Office Address HC 33 Box 1701 Rapid City, SD State 57701
(Street, RR or Box) (City) (Zip Code)
- Amount of water claimed (c.f.s.) 20 gpm 0.044 cfs
- Source of water supply Deep Well (group water)
- Location of point of diversion SW 1/4 NW 1/4 Section 14 - T1S - R6E

County Pennington
- Counties where water will be used Pennington
- Annual period during which water is to be used January 1 - December 31

7. Give a brief description of proposed 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)

Storm Mountain Center has been in existence since 1956. We have been notified that we need a permit to appropriate water. We are filling these forms out to the best of our ability.

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map (see instruction)

STATE OF SOUTH DAKOTA)
County of Pennington)^{ss}

I, Lora T. Rashford 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.

Signed Lora T. Rashford

JEAN BETLAF
NOTARY PUBLIC
SOUTH DAKOTA



sworn to before me this 21 day of February 1992

Jean Betlaf
Notary Public

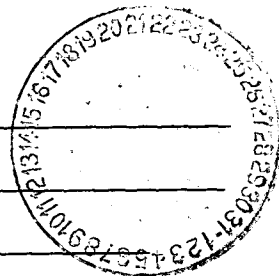
Supplemental Information

(type or print in ink)

VERY LITTLE WELL
INFORMATION AVAILABLE

1. Well Information - Proposed construction

- a) Drill Hole Diameter 6" Depth 200'
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack Thickness _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:
- On applicants property _____ On property owned by others _____



2. Dugout Information Estimates

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

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should 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 _____

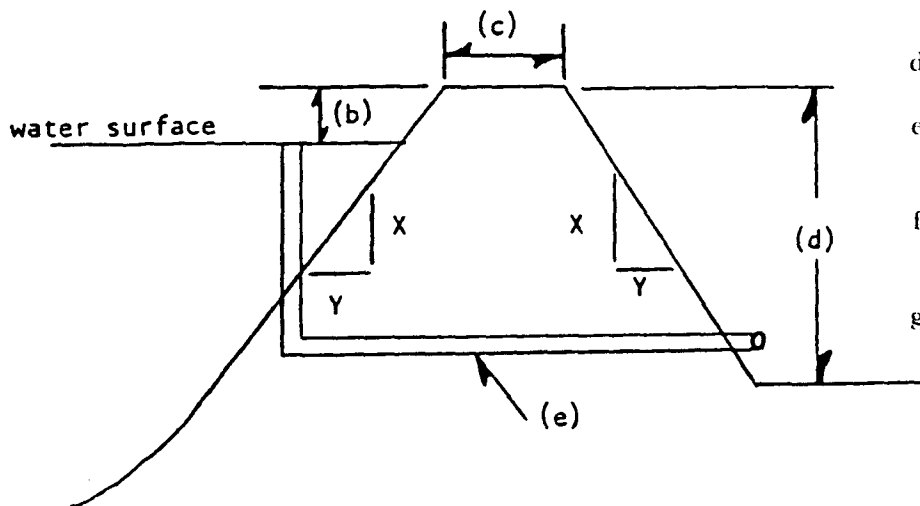
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant _____

**SOUTH DAKOTA
WATER PERMIT No. 2222-2**

Date of first receipt of application February 24, 1992.

Date of return to applicant for corrections, amendments or changes
February 25, 1992.

Date of receipt of corrected application February 28, 1992.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 2222-2 to Storm Mountain Center, HC 33, Box 1701, Rapid City SD 57701 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. 2222-2 appropriates 20 gallons per minute (0.044 cubic feet of water per second) from one well (Precambrian Rock) 186 feet deep located in the SW 1/4 NW 1/4 Section 14-T1S-R6E.
2. The water appropriated shall be used for the purpose of supplying water to the Center and may not exceed the amount of water needed for beneficial use for institutional and recreational purposes.
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. 2222-2 is June 4, 1992.
5. The date from which applicant may claim right is February 24, 1992.
6. 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: 
Chief Engineer, Water Rights Division
Department of Environment and Natural Resources

AUG 5 1992
date

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

418108

Pierre, February 28, 1992

RECEIVED OF Storm Mountain Center Imprest, HCR 33, Box 1701, Rapid City, SD 57701

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>2222-2</u> to Appropriate Water, to construct works 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. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)	Total	50 00

By J. H. Hatcher
Chief Engineer

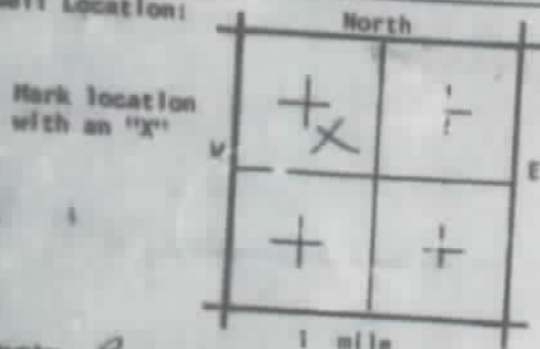
BEST IMAGE POSSIBLE FROM POOR ORIGINAL

WELL DRILLERS REPORT SOUTH DAKOTA WATER RIGHTS COMMISSION

4-78

Well Owner:
Name Storin Mt. Center
Address Armidist Camp
Box 100, Wille, S.D.

Well Location:



Mark location
with an "X"

County Penn

NE 1/4 Sec. 14 Twp. 15 Rg. 6E

Proposed Use:

☒ Domestic ☐ Municipal ☐ Test
☐ Irrigation ☐ Industrial ☐ Stock
Holes

Method of Drilling:

☒ Forward Rotary ☐ Bored ☐ Jetted
☐ Reverse Rotary ☐ Cable ☐ Other
6" H.A.R.C.E. DIEHL

Well Construction:

Diameter of Hole 6"
Depth 103'
Casing ☐ Steel ☐ Concrete
90 ft - ☒ Plastic ☐ Other
If other, specify 1" - PVC 200

Was casing end left open Yes
Was a well screen installed Yes
Describe Well Screen

Diameter Material
Slot size

Was well gravel packed Yes

Was well grouted Yes

Was water sample taken Yes

Water Level Information:

Static water level 25' below land surface
If flowing: closed in pressure PSI
rate of flow GPM

Controlled by:

☐ Valve ☐ Reducers ☐ Other

If other; specify

Well Test Data:

☒ Pumped W-A/C 15 gpm
☐ Bailed Describe:
☐ Other

Pumping Level Below Land Surface

 ft. After Hrs. pumped GPM
" " " " " "
" " " " " "

Well Log:

Formation	Depth	
	From	To
DRIFT	0	10
SCHIST HL. BLS	10	25
SCHIST FRACTURED	25	31
Blind K.		
SCHIST HL. BLS	31	37
SCHIST BEN	37	42
FRACTURED - BLENDED		
SCHIST, coarse gr.	42	63
H.S.		
SCHIST BEN	63	65
FRACTURED - 15 gpm water		
SCHIST, HL. BLS	65	103

(Use Back if Necessary)

Date Completed: 7-31-80

Driller:

Sheldon R. Rulley 343
Driller's or Firm's Name License No.

Hill City S.D.
Address

Woy Alexander 7-31-80
Signed By Date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

February 25, 1992

Storm Mountain Center
Loren T. Roseland
HC 33, Box 1701
Rapid City SD 57701

Dear Mr. Roseland:

In regard to the water permit application received on February 24, 1992, the filing fee for this application will be \$50.00.

Upon receipt of the fee, further processing of the application will continue. If you have any questions, please contact this office.

Sincerely,

Karen Schlaak

Karen Schlaak
Natural Resources Analyst
605 773-3352

REPORT ON APPLICATION NO. 2222-2
for Storm Mountain Center
April 15, 1992

Application No. 2222-2 proposes to appropriate 20 gpm (0.044 cfs) from one well approximately 186 feet deep located in the SW 1/4 NW 1/4 of section 14, T1S R6E in Pennington County. The water is for institutional and recreational use at the center.

AQUIFER - PRECAMBRIAN ROCK (CRSL)

The Precambrian Rock in this area consists of metagraywacke and quartz-mica schist or phyllite (Redden, 1975). Ground water is obtained from fractures and natural foliations within the rock. Well yields are typically small and difficult to predict. The rock is unconfined and the groundwater is under water table conditions. The driller's log submitted with the application indicates fracture zones and or quartz at 103 feet and 160 feet below land surface which produced about 18 gpm. The water level was reported to be 25 feet below land surface. The well appears to be completed in accordance with SD Well Construction Standards.

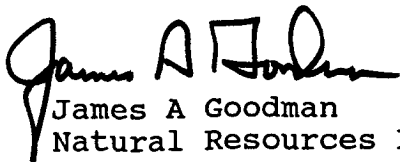
There is no estimate for the amount of water in storage for this rock nor for the amount of recharge to the rock. The Division of Water Rights does not monitor any observation wells completed into the Precambrian rock in this area.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are no other water rights/permits in the area. The nearest existing diversion is about 1 mile east of this proposed diversion. Interference is not expected to be a problem. The diversion rates are relatively small and the distance between wells is sufficient to minimize any potential effect.

CONCLUSIONS

1. Water is available from the Precambrian rock.
2. Interference will not be a problem.
3. This is an existing well and has been used for these purposes for many years. The well appears to have been constructed in accordance with SD Well Construction Standards.


James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

Redden, J.A., 1975, Precambrian Geology of the Black Hills, SDGS Bulletin No. 16, Mineral and Water Resources of South Dakota, SD DENR, SDGS, Vermillion, SD, 57069.

RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT

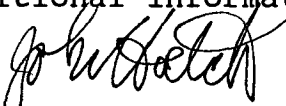
-----APPLICATION-NO. 2222-2, Storm Mountain Center-----

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Environment and Natural Resources concerning Water Permit Application No. 2222-2, Storm Mountain Center, Loren Roseland, HC 33 Box 1701, Rapid City, SD 57701.

The Chief Engineer is recommending APPROVAL of Application No. 2222-2 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 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.

See report on application for additional information.


JOHN HATCH, Chief Engineer
April 20, 1992



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

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

April 30, 1992

Loren Roseland
Storm Mountain Center
HC 33 Box 1701
Rapid City, SD 57701

Dear Mr. Roseland:

Water Permit Application No. 2222-2 for institutional and recreational 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 Rapid City Journal printed at Rapid City, SD (Ph # 394-8300). 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
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 57501-3181

April 30, 1992

Rapid City Journal
PO Box 450
Rapid City, SD 57709

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 2222-2 to be published twice. Please publish the first notice on May 8, 1992, 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 Storm Mountain Center, HC 33 Box 1701, Rapid City, SD (Ph # 343-4391).

A copy of BOTH publications must be SENT to the WATER RIGHTS DIVISION. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. No action may be taken on the permit application until proof of publication has been received.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

FIRST TRANSMITTAL NOTICE

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

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ 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 May 8, 1992, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 2222-2 to Appropriate Water

Notice is given that Storm Mountain Center, HC 33 Box 1701, Rapid City, SD 57701 has filed an application for a water permit to appropriate 20 gallons per minute (0.044 cubic feet of water per second) from one well (Precambrian Rock) 186 feet deep located in the SW 1/4 NW 1/4 Section 14-T1S-R6E. The water is for institutional and recreational use at the center.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2222-2 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. Unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation, the Water Management Board will NOT CONDUCT a HEARING to consider this application and the chief engineer will issue the permit as recommended. Petitions filed in support of the application will NOT require the Board to hear the application.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Division, 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 May 26, 1992. 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.

For purposes of publishing 1) the notice of hearing on Application No. 2222-2 and 2) the chief engineer's recommendation, a meeting at the Division of Water Rights office to hear this application is scheduled for June 4, 1992, at 9:00 am in Room 413, Joe Foss Building, 523 E Capitol, Pierre SD. If this application is opposed or the recommendation is contested, the June 4, 1992, hearing date will be rescheduled for a regularly scheduled Board meeting. Notice of the time and place of the rescheduled hearing before the Board will be given by First Class Mail to the applicant and persons filing petitions. Anyone not filing a petition, but interested in attending the hearing, may contact the Division of Water Rights to confirm a hearing date and location. The June 4, 1992, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by May 26, 1992.

If a hearing is held, the Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application based on the facts presented at the public hearing. Any hearing will be an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. Contact the Water Rights Division to request copies of information pertaining to this application or to assure access to the hearing by the handicapped.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, 46-6-26; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
 County Pennington) ss.

I, Helena M. Bauer

certify that the attached printed Notice was taken
 from the Rapid City Journal

A newspaper which during the whole time of publication of
 said notice herein after stated, has been and is printed and
 published in the _____

City _____ of Rapid City

County of Pennington and State of South Dakota;
 that the said notice was published in said newspaper on the
 following two dates:

May 8, 1992

May 15, 1992

Helena M. Bauer

(Signature)

Bookkeeper

(Title)

May 15 - 1992

(Date Signed)

Cost of Printing: 11 5/16 inch legal adv

run 2 times @ 4.90 per inch \$110.86

This application is made pursuant to SDCL 46-1-1 thru 46-1-6, 46-1-12 thru 46-1-16, 46-2-1, 46-2-5, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15, 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-26.2, 46-5-26.4, 46-5-27; 46-6-2, 46-6-3.1, 46-6-6, 46-6-15, 46-6-17, 46-6-24, 46-6-26; and Board Rules AR22-14-02 (1) (2) thru 74-02-07 (1).

May 8, 1992 L910

NOTICE OF HEARING
 ON APPLICATION NO. 2222-2
 TO APPROPRIATE WATER

Notice is given that Storm Mountain Center, HC 33 Box 1701, Rapid City, SD 57701 has filed an application for a water permit to appropriate 30 gallons per minute (0.844 cubic feet of water per second) from one well (Precambrian Rock) 180 feet deep located in the SW 1/4 NW 1/4 Section 14-T15-R4E. The water is for institutional and recreational use at the center.

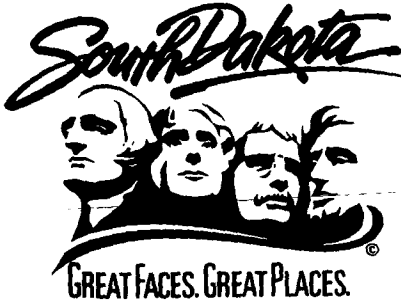
Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2222-2 because 1) undersaturated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. Unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation, the Water Management Board will NOT CONDUCT a HEARING to consider this application and the chief engineer will issue the permit as recommended. Petitions filed in support of the application will NOT require the Board to hear the application.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E. Capitol, Pierre, SD 57501 (605-773-3321)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by May 28, 1992. 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.

For purpose of obtaining 1) the notice of hearing on Application No. 2222-2 and 2) the chief engineer's recommendation, a meeting

of the Division of Water Rights office to hear this application is scheduled for June 4, 1992, at 9:00 a.m. in Room 413, Joe Foss Building, 523 E. Capitol, Pierre, S.D. If this application is opposed or the recommendation is contested, the June 4, 1992, hearing date will be rescheduled for a regularly scheduled Board meeting. Notice of the time and place of the rescheduled hearing before the Board will be given by First Class Mail to the applicant and persons filing petitions. Anyone not filing a petition, but interested in attending the hearing, may contact the Division of Water Rights to confirm a hearing date and location. The June 4, 1992, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by May 28, 1992.

If a hearing is held, the Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) disapprove with qualifications, 3) defer, or 4) deny this application based on the facts presented at the public hearing. Any hearing will be an adversary proceeding. Any person filing a petition under the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. Contact the Water Rights Division to request copies of information pertaining to this application or to assure access to the hearing by the handicapped.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

AUG 5 1992

Loren Roseland
Storm Mountain Center
HC 33 Box 1701
Rapid City, SD 57701

Dear Mr. Roseland:

Enclosed is Water Permit No. 2222-2 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

We will schedule an inspection so that the Water License may be issued to you, thus completing your acquisition of a Water Right.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 2, 1999

2222-2

Steve Foss
Storm Mountain Center
23740 Storm Mountain Road
Rapid City, SD 57702

Dear Mr. Foss:

The investigation of your water use system was conducted on September 11, 1998, by Ken Buhler, staff engineer. The investigation included the extent of application of water to beneficial use, as developed under Water Permit No. 2222-2. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the investigation and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

Please remit fee to:
Department of Environment & Natural Resources
Water Rights Program
523 E. Capitol
Pierre, SD 57501-3181

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Program
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

NE 416259

Pierre, November 17, 19 99

RECEIVED OF Dakotas Conference of the United Methodist Church, P.O. Box 460, Mitchell, SD 57301-
the following amount in fees for services rendered as provided for by law: 0460

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use _____		
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>2222-2</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By John Hatch
Chief Engineer

Permit No. 2222-2
Upper Cheyenne 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, September 11, 1998, made a thorough examination of the water use system constructed by Storm Mountain Center of 23740 Storm Mountain Road, Rapid City, SD 57702 holder of Permit No. 2222-2, bearing the priority of February 24, 1992 authorizing the diversion of 0.044 cu. ft. per second of the waters of groundwater for institutional and recreational purposes, in Pennington County.

I have to report on the conditions of the same as follows:

A. Works used to divert the water:

Water is diverted from a 6-inch diameter well, 186 feet deep, located 2100 feet south and 650 feet east of the northwest corner of Sec. 14, T1S-R6E, with a ¾ horsepower Grundfos submersible pump capable of diverting 18 gallons per minute

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

Water is transported to place through approximately 880 feet of 1 ½" polyethylene plastic pipe.

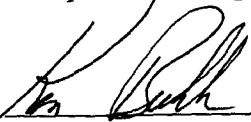
C. Works used to apply water to beneficial use:

Water is applied to beneficial use at the lodge, cabins and employee housing at the center

The system is in the following condition good. The point of diversion is located 2100 feet south and 650 feet east of the northwest corner of Sec. 14, T1S-R6E, (NE¼SW¼SW¼NW¼ Sec. 14, T1S-R6E). The works are capable of diverting and conveying to the place of use 0.04 cu. ft. per second of water, which is to be used for institutional and recreational purposes. The license should be issued for 0.04 cfs.

Applicable permit qualifications have been complied with: yes

Exceptions to compliance are: na



Ken Buhler
Natural Resources Engineer
DENR, Water Rights Program

10/13/99

Date

REPORT ON INSPECTION OF PERMIT NO. 2222-2

Other permit(s) associated with the project: na

NAME & ADDRESS OF INSPECTION CONTACT Steve Foss

23740 Storm Mountain Road

Rapid City, SD 57702

RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE: manager

NAME & ADDRESS OF PERMIT HOLDER: Storm Mountain Center

23740 Storm Mountain Road

Rapid City, SD 57702

DATE OF INSPECTION: September 11, 1998

DIVERSION POINT LEGAL LOCATION: 2100 feet south and 650 feet east of the northwest corner of Sec. 14, T1S-R6E, ((NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14, T1S-R6E)

WELL INFORMATION:

- 1) Well Drilling Firm: Alexander Drilling
- 2) No. of Wells one
- 3) Depth(s) 186 feet
- 4) Well log is available yes

Casing:

- 1) Diameter 6 inches
- 2) Length 20 feet
- 3) Type PVC

Screen:

- 1) Type none- open hole completion
- 2) Length 166 feet
- 3) Static water level 25 feet

Pump:

- 1) Make Grundfos

- 2) Model submersible
- 3) Size ¾ horsepower
- 4) Capacity 18 GPM

Motor:

- 1) Make Franklin Electric
- 2) Horsepower rating ¾ hp

DISTRIBUTION LINES OR CANALS:

- 1) Type polyethylene
- 2) Size 1 ½ inches
- 3) Length 880 feet

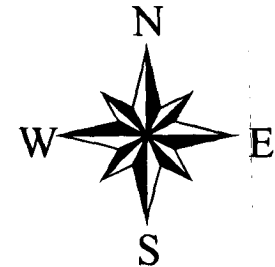
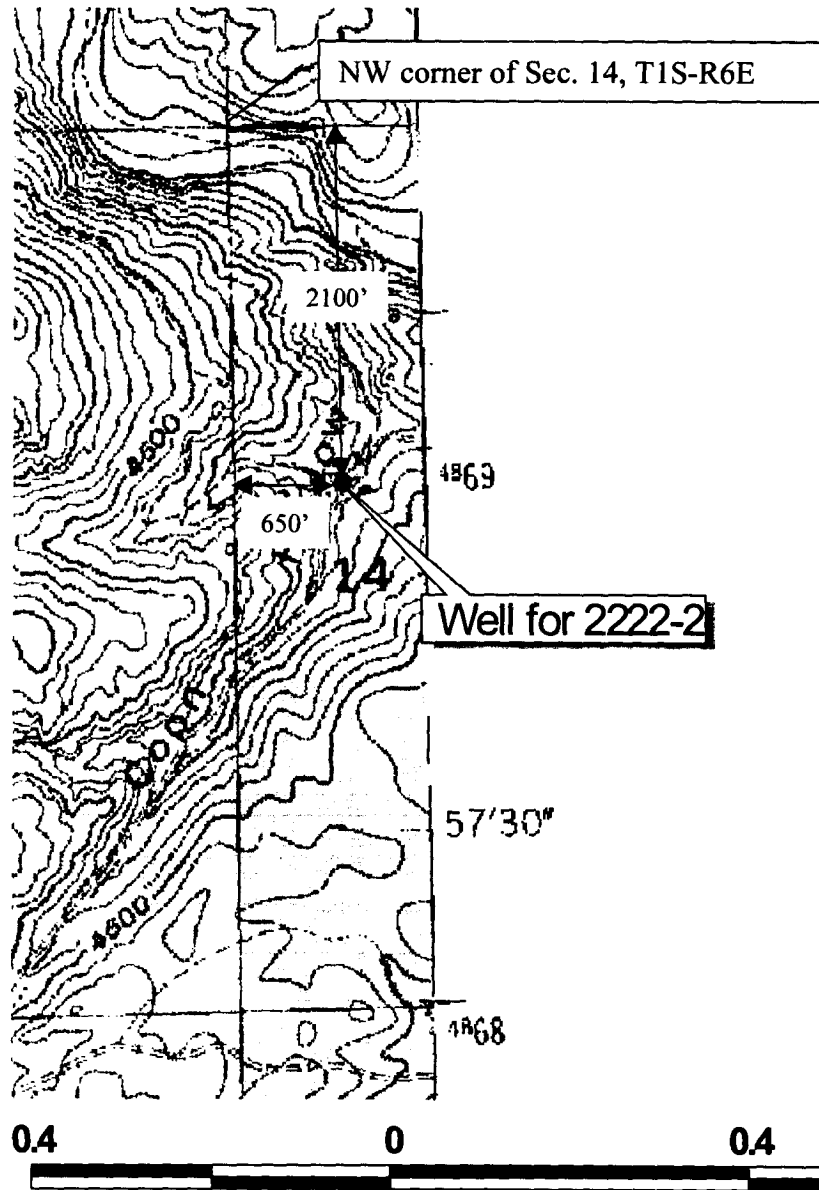
SYSTEM INFORMATION:

Well pumps to a 1500 gallon reservoir approximately 12 feet from the well. A 4-inch Grundfos Pump pumps from the reservoir to the system. There are two 1 ½" polyethylene lines from the reservoir to: a) 480' to the manager's house "Green Manner", and to the lodge; and b) 400' to the cabins.

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Special qualifications to permit being abided by yes
- 2) All structures, wells and lands on map yes
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period na

Water Right Map 2222-2




Ken Buhler
Natural Resources Engineer
Water Rights Program



STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2222-2

(1) Storm Mountain Center, 23740 Storm Mountain Road, Rapid City SD 57702 made Application No. 2222-2, February 24, 1992 for a water permit to divert 0.044 cubic feet of water per second from groundwater (one well), Pennington County, South Dakota for institutional and recreational purposes. Permit No. 2222-2, with a priority date of February 24, 1992 was approved June 4, 1992 and issued to the applicant for diversion of water with construction of the described water supply system completed and the application to beneficial use of said water completed.

(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 0.04 cubic feet of water per second for beneficial use. The location of the diversion point is 2,100 feet south and 650 feet east of the northwest corner of Section 14-T1S-R6E (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 at the lodge, cabins and employee housing center.

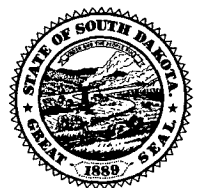
(4) Pursuant to South Dakota Water Law 46-5-30.1 Storm Mountain Center, 23740 Storm Mountain Road, Rapid City SD 57702 the holder and/or owner of Water Right No. 2222-2 is issued a license to appropriate water, the right to use 0.04 cubic feet of water per second from groundwater (one well) with a priority date of February 24, 1992 from the location specified in (2) of this license for institutional and recreational purposes. This license is subject to any limitations or qualifications listed in Water Right No. 2222-2 and subject to South Dakota State Law.



JOHN HATCH, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

DEC 3 1999

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

DEC 3 1999

2222-2

Storm Mountain Center
Steve Foss
23740 Storm Mountain Road
Rapid City, SD 57702

Dear Mr. Foss:

Enclosed is Water License No. 2222-2. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 416259 in the amount of \$50.00 which you paid for the investigation and issuance of the Water License.

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. 2222-2, 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.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
(605) 773-3352

ks
enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

December 19, 2008

Storm Mt. Center
23740 Storm Mt. Rd
Rapid City SD 57702

Dear Sir:

I am writing in regard to a well driller's report filed by Alexander Drilling, Inc. The report shows a new well was completed for Storm Mt. Center on September 18, 2008.

A review of our files indicates that Storm Mt. Center holds Water Right No. 2222-2 for 18 gallons per minute (gpm) from one well, approximately 186 feet deep located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 14-T1S-R6W for institutional and recreational use.

Is this well a replacement well or an additional well which does not increase the total appropriation of 18 gpm? If the authorized diversion rate is to be increased, a new water permit will need to be obtained. Once we know this information we can determine what additional action, if any, needs to be taken to ensure your water rights accurately reflect the your water supply system.

Please contact Eric Gronlund or me regarding the status of this well or if you have any questions.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352
karen.schlaak@state.sd.us

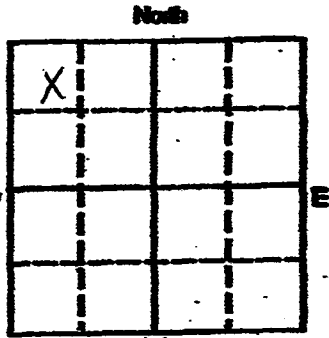
SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location NW 1/4 NW 1/4 Sec 14 Twp 15 Rg 6E

County Pennington

Please mark well location with an 'X'



Well Completion Date

9/18/08

Distance to nearest potential pollution source (gas tank, chemical tank, fuel tank, etc.)

_____ ft from _____ (identify source)

EXPOSED USE:

☒ Domestic Stock ☐ Municipal ☐ Business ☐ Residential

METHOD OF DRILLING:

Rotary Downhole Hammer

CASING DATA:

Material ☒ Steel ☐ Plastic ☐ Other

Weight 30 lb 6" Steel

DEPTH 0 27 83/4

DEPTH 27 200 6

DEPTH 27 200 6

GROUTING DATA:

Grout Type Portland No. of Shells 3 Grout Weight 27 3

Grout Weight 27 3

Grout Weight 27 3

Describe grouting procedure

thru 1" trim pipe

SCREEN None ☐ Fabricated pipe ☐ Manufactured

Diameter None inches Length None feet

Material None

Slot Size None Slot From None feet to None feet

Other information

Other information

Other information

Other information

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Other information

Well Owner Storm Mt Center
Business Name _____
Address 23740 Storm Mt Rd
City, State, Zip Rapid City SD 57702

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Drift	0	20
lt grey schist	20	75
grey schist base approx	75	77
lt grey schist	77	170
Grey schist base approx	170	172
lt grey schist	172	200

STATIC WATER LEVEL 40 FEET
Flowing depth in pressure _____ PSI
GPM flow 12 GPM 12 inch pipe
Confined by ☐ Water ☐ Reducers ☐ Other
Reduced flow rate _____ GPM
Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Discharge W/air
☐ Flooded
☐ Other
Pumping level below land surface
_____ F/LR _____ Hrs. pumped _____ GPM
_____ F/LR _____ Hrs. pumped _____ GPM
If pump tested, pump rate _____ GPM

REMARKS:

324
Alexander Drilling Inc.
Lang Lowell
14 Nov 08

RECEIVED
NOV 18 2008
WATER RIGHTS
PROGRAM

WAS A PACKER OR SEAL USED? ☐ Yes ☒ No

Fee, what material?

Describe packer(s) and location

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Other information

Water Rights Program - File Documentation

NAME: Scott Jenson

ADDRESS: Storm Mountain Center

DATE: **COUNTY:** PE **TELEPHONE:** 605 343-4391

RE: Well

COMMENTS:

Scott Jenson called regarding my letter dated December 19, 2008. Mr. Jenson stated the well completion report we received was for a second well which is backup water supply. The well will be used only if the original well would go down. They are using no additional water.

Karen Schlaak

Karen Schlaak
Environmental Scientist