

Considered: _____

WATER PERMIT NO. 2057-2

30

MAP No. same

Name of Applicant Children's Home Society West River Children's Center

Post Office Address HC 33, Box 7801, Rapid City SD 57701

Amount of Water Claimed 0.18 cfs ^{No.1} 20gpm ^{No.2} 20gpm ^{No.3} 40gpm Total Acres NA

Source of Water Supply ground water 2 existing wells, 1 proposed well

Water to be used for institutional purposes County Pennington

About 2 miles E of Keystone.

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

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

PRIORITY _____ Date Received June 7, 1988 Fee \$225⁰⁰ Remarks _____

Corrected Application Received _____ 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 3 wells: W 1/2 NW 1/4 section 2 -

T2S-R6E

Land to be Irrigated NA

X					
X					
X					
		2			

Well Log: Driller Alexander 60 feet deep Licensed YES ✓ NO _____

Depth of Well 35 feet 60 " 150 " REMARKS _____

Type of Map plat PREPARED BY James P. Heald Reviewed and the Number

assigned on June 14, 1988 By Ron Duvall

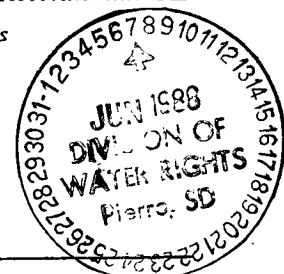
Mail to: Water Rights Div.
DWNRR, Foss Bldg.
Pierre, SD 57501
(605) 773-3352

No. 2057-2 Hydrologic Unit 10120109
Map No. same Basin Upper Cheyenne
Newspaper Rapid City Journal, Box 450 57709

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 ☐

2 appls
fee
map



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. _____

1. Name of Applicant Children's Home Society, West River Children's Center Phone No. 343-5422

Post Office Address HC 33, Box 7801 Rapid City State S.D. 57701
(Street, RR or Box) No. 3 No. 2 (City) No. 1 Zip Code

2. Amount of water claimed (c.f.s.) 40 g.p.m. 20 gpm 20 gpm Total 0.18 cfs

3. Source of water supply Pre-cambrian schist 3 wells

4. Location of point of diversion Lot 4 4 South West Quarter of the North West Quarter of Section 2 in Township 2 South of Range 6 East of the Black Hills Meridian Pennington County (see attached)
W $\frac{1}{2}$ NW $\frac{1}{4}$ County Pennington

5. Counties where water will be used Pennington

6. Annual period during which water is to be used Twelve months 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)
We are proposing to build additional residences for children and will utilize a water storage tank to assist us in our needs. We have consulted with Dr. Paul Grees, S.D. School of Mines and Technology

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 _____)^{ss}

I, E. R. "Woody" Pelky 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 E. R. "Woody" Pelky

Subscribed and sworn to before me this 7th day of June 1988

JENNIFER J. HEGG, Notary Public
My Commission Expires Oct. 1, 1992

Notary Public

**SOUTH DAKOTA
WATER PERMIT No. 2057-2**

Date of first receipt of application June 7, 1988.

Date of return to applicant for corrections, amendments or changes
June 10, 1988.

Date of receipt of corrected application August 20, 1988.

The Water Management Board approved Water Permit Application No. 2057-2 on July 27, 1988 for Black Hills Children's Home, HC 33, Box 7801, Rapid City, SD 57701-9215 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. 2057-2 appropriates 0.18 cubic feet of water per second from 3 wells 35 feet, 63 feet and 196 feet into the Precambrian Rocks Formation. All 3 wells are located in the W1/2 NW1/4 Section 2, T2S, R6E.
2. The water appropriated shall be used for the purpose of supplying the Black Hills Children's Home and may not exceed the amount of water needed for beneficial use for institutional purposes.
3. The water is to be used during the following described annual period: January 1 - December 31.
4. The date from which applicant may claim right is June 7, 1988.
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 construction authorized by Permit No. 2057-2 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted with cement (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:30.
2. The wells approved under this Permit is are located near domestic wells which may obtain water from the same aquifer. The well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in adequate domestic wells.

WATER MANAGEMENT BOARD

By: _____

John H. Hallett
Chief Engineer, Water Rights Division
Department of Water and Natural Resources

MAR 26 1991

(date)

Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction No. 1

- a) Drill Hole Diameter _____ Depth 35 feet
- 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) 25 feet
- g) Distance to nearest existing domestic well:
 On applicants property 200 feet On property owned by others ≈ 2 miles

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 _____

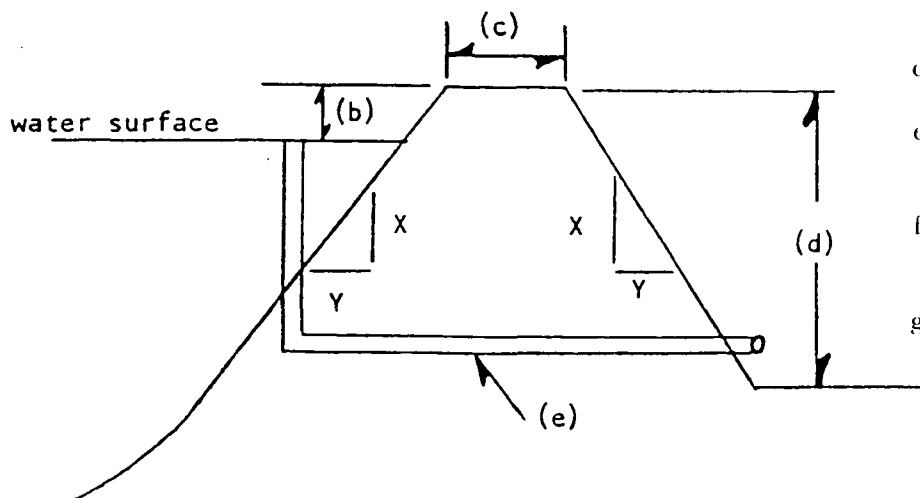
g) X & Y Slope
 Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant _____

Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction No. 2 as constructed according to Alexander Drilling
- Drill Hole Diameter _____ Depth 63 feet
 - Casing Type steel - 26 feet Diameter 6 in Thickness _____
 - Screen Type _____ Diameter _____ Thickness _____
 - Gravel Pack Thickness _____ Length of Gravel Pack _____
 - Depth to Top of Water Bearing Material _____ top cemented 26 - 6 feet
 - Depth to Water (ground surface to water level) 18 feet 0 - 8 feet drift
 - Distance to nearest existing domestic well: 8 - 63 feet schist + quartz
pumped 10 gpm
 On applicants property 200 feet On property owned by others ± 2 miles

2. Dugout Information Estimates

- Surface Dimensions _____ Depth _____
- 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.

- 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 _____

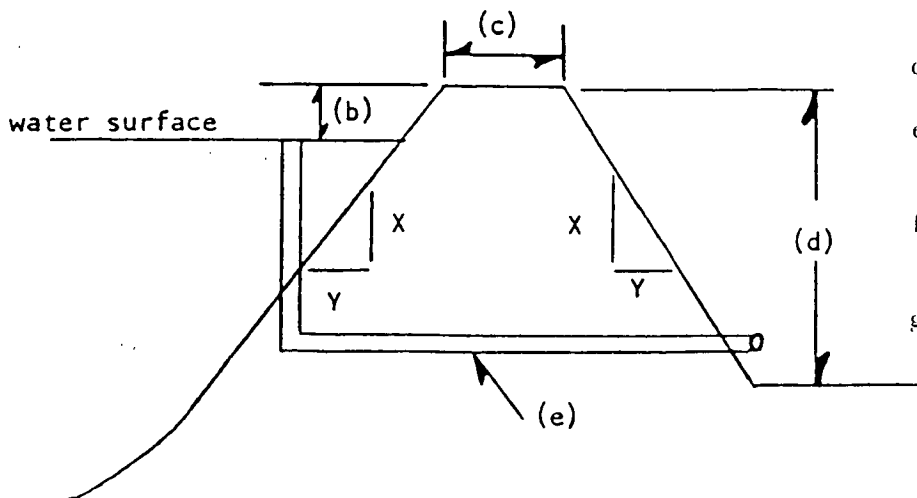
g) X & Y Slope
 Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant _____

Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction No. 3

- a) Drill Hole Diameter 7" Depth 150' estimated casing set in top of
bed rock
- b) Casing Type P.V.C. or Steel Diameter 6" Thickness _____
- c) Screen Type None Diameter _____ Thickness _____
- d) Gravel Pack Thickness Non applicable Length of Gravel Pack N/A
- e) Depth to Top of Water Bearing Material Uncertain
- f) Depth to Water (ground surface to water level) Not determined
- g) Distance to nearest existing domestic well:
On applicants property 1000 feet 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 _____

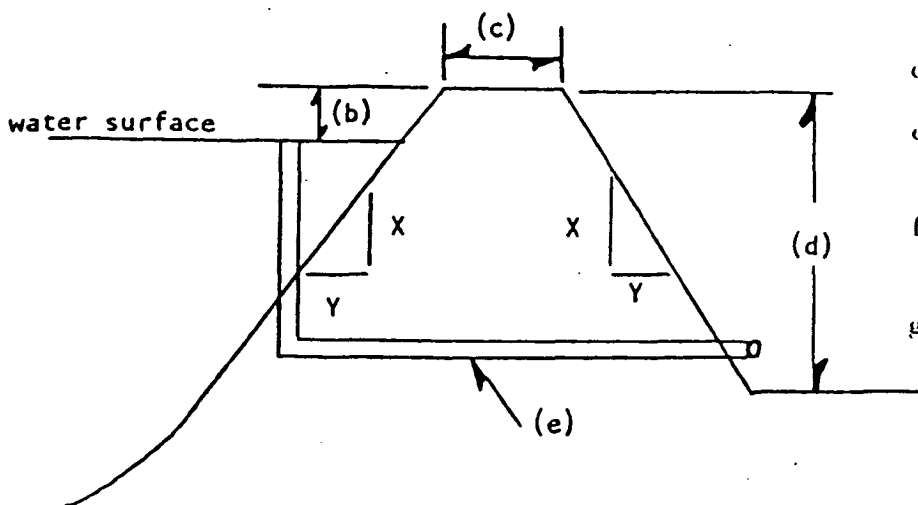
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant _____

1-1000

RECEIPT
Division of Water Rights
South Dakota Department of Water and Natural Resources

Pierre, June 14, 1946

RECEIVED OF Children's Home Society of South Dakota, 3209 S. Prairie Ave.
the following amount in fees for services rendered as provided for by law: Sioux Falls SD 57105

Fee for Application for Permit No. _____ to Appropriate Water, to construct works and to put water to beneficial use _____	175	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	175 00

By John Hatch
Chief Engineer JOHN HATCH MS

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

Pierre, June 7, 1988, 19

RECEIVED OF E.R. "Woody" Pelkey, PO Box 2783, Rapid City, SD 57709

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

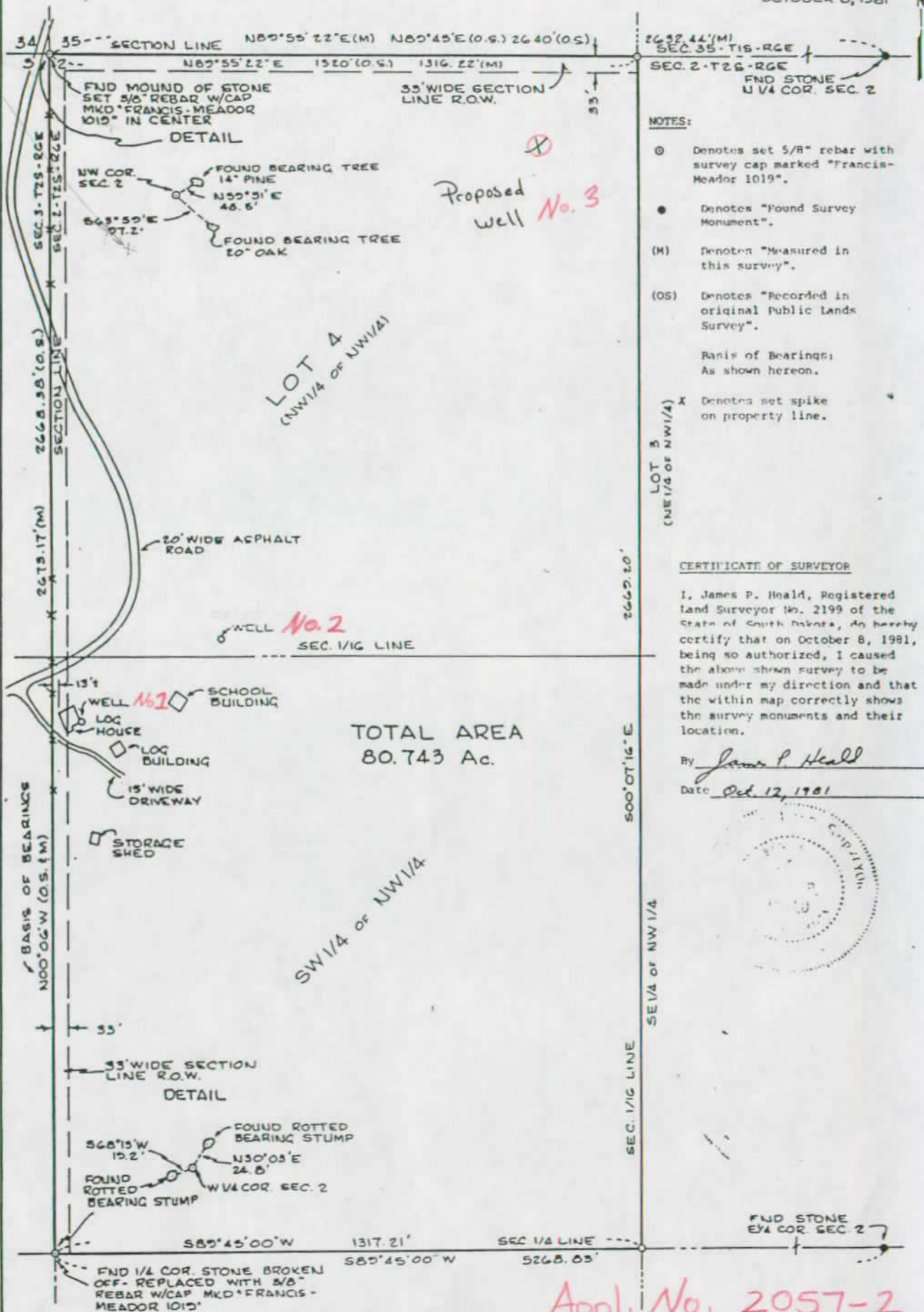
Fee for Application for Permit No. _____ to Appropriate Water, to construct works and to put water to beneficial use _____	50	00
Fee for Application for Permit No. _____ to Appropriate Water for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting 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 [Signature]

Chief Engineer

SOUTH DAKOTA

SCALE 1"=200'
OCTOBER 8, 1981



CERTIFICATE OF SURVEYOR

I, James P. Hnald, Registered
Land Surveyor No. 2199 of the
State of South Dakota, do hereby
certify that on October 8, 1981,
being so authorized, I caused
the above shown survey to be
made under my direction and that
the within map correctly shows
the survey monuments and their
location.

By James P. Heald
Date Oct. 12, 1981

WEST RIVER CHILDREN'S CENTER

SURVEYED BY DW, JH, et al
DATE 12-8-81

DRAWN BY: CES
DATE: 10-8-81

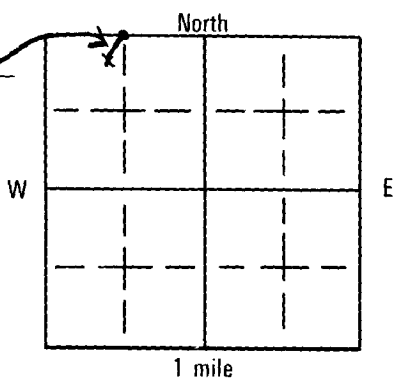
CHECKED BY: JPH
DATE: 10-8-81

LOCATION	NW 2-2S-6E
----------	------------

JOB NUMBER
4759.2

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location NW 1/4 NW 1/4 Sec 2 Twp T2S Rg R6ECounty
PenningtonPlease mark well
location with
an "X"S 59° 59' 44" W
241.66'Well Completion Date 12th May 1990

PROPOSED USE:

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

Method of Drilling:

Air Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 56 FEETWhat is grouting material? Type I/II Portland CementIf cement, number of sacks? 21 + 2 lb BentoniteDescribe grouting procedure 1 sack/6 gal H₂O/2 lb.bentonite; thru casing up around annutes -Displaced w/H₂O

What was grout weight? _____ LB/GAL

SCREEN: ☐ Perforated pipe ☐ Manufactured ☐ None.

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information _____

Was a packer or seal used? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

Was well disinfected upon completion? ☐ YES ☒ NO

Explain _____

Bacteriological analysis ☐ YES ☐ NO

Laboratory sent to _____

Well Owner:

Name Black Hills Childrens Home

Address _____

Well Log:

Depth

Formation	From	To
Sand w/silt	0	30'
Gray quartz w/Mica Shist	30'	60'
Quartz w/some Mica Shist	60'	70'
Mica Shist w/quartz	70'	80'
Quartz w/Mica Shist	80'	90'
Gray weathered shist w/ some quartz	90'	150'
Quartzite w/shist	150'	170'
Quartzite w/ highly weathered shist	170'	196'

STATIC WATER LEVEL 31 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other, specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☒ PumpedWith Air 3 - 5 gpm☐ Bailed

Describe: _____

☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

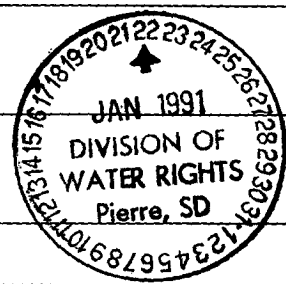
This well was drilled under license # _____

And this report is true and accurate.

Drilling firm USAR

Signature of License Representative: _____

Signature of Well Owner: _____

Date 1/14/91

Well Driller

Top Soil 10 foot
Sand/Soil 10-40 foot
Sandstone 40-90 foot
Water 90 foot
Gray Shale 90-140 foot
Casing 0-120 foot
Casing perforated 90-120 foot
Casing plugged at 110 foot with steel air hammer
Bit size 6 1/8 " to 80 foot, 4 7/8 " to 140 foot
Pipe 6" threaded casing
Casing driven with percussion tool
from 80-120 foot



November 14, 1994

Re: Black Hills Children's Center-Tully House, Rapid City (EPA ID# 0017)

LEONARD HABERSTROH
BLACK HILLS CHILDREN'S CENTER
24100 S ROCKERVILLE
RAPID CITY SD 57701-9215

Dear Mr. Haberstroh :

Attached are the results of the routine sanitary survey performed by Judene Holan of the Department of Environment and Natural Resources on October 20, 1994. Recommendations are provided that will assist you with meeting State compliance requirements, as well as to provide public health protection. The recommendations are attached to the survey report. Please acknowledge that you have received this report by indicating corrective actions taken.

A number of drinking water regulatory changes have occurred as a result of the 1986 Safe Drinking Water Act Reauthorization. Additional changes will be taking place during the next several years. These changes will effect many of our public drinking water systems and may require additional monitoring. The Drinking Water Program will be glad to answer any questions you have concerning these new regulations or contribute in any way possible to help you maintain compliance.

You or your representatives are invited to attend meetings and training short courses sponsored by the DENR and the South Dakota Water and Wastewater Association. Contact Randy Hilding at 773-4219 or write Joe Foss Building, 523 East Capitol, Pierre, SD 57501 for further information.

If you have questions or comments concerning the survey results and attached recommendations, please call me at 773-3754.

Sincerely,

Darron Busch, Administrator
Drinking Water Program

cc: Pat Nadolski, SD Home Society, Sioux Falls
Gary Stephenson, Black Hills Regional Office

Conversation or File Documentation

NAME OF PERSON OR FILE: Children's Home Society West River Children's CenterADDRESS: HC 33, Box 7801, Rapid City SD 57701 COUNTY PenningtonDATE: June 10, 1988 TELEPHONE 343-5422RE: Additional wells to be included on the application

COMMENTS:

I spoke to Frederick Tulley regarding the well construction of two existing wells not included on the permit application. Mr. Tulley gave me the information on the two wells to partially complete the Form 2 A's. Mr. Tulley did not believe that well logs were available. I also informed Mr. Tulley that an additional fee of \$175⁰⁰ was needed because the two existing wells (20 gpm each) were not included on the original application. Mr. Tulley stated the fee would be sent and that the two existing wells could be added to the permit application.

phone call 6/13/88

Mr. Tulley called and stated that the 60 feet deep well was drilled in 1978 by Alexander Drilling and the other well was probably drilled in the early 1950's. Mr. Tulley also stated the additional fee was on the way to the Water Rights Division

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: Ron Duvall

Conversation or File Documentation

NAME OF PERSON OR FILE: Alexander DrillingADDRESS: Hill City COUNTY _____DATE: June 16, 1988 TELEPHONE 574 - 4200RE: Driller's log for the W. River Children's Center

COMMENTS:

I called Mr. Alexander to determine if information was available for a well drilled for the Children's Home Center in 1978. Mr. Alexander stated he sent his well logs to Water Rights but he would check the records. Mr. Alexander found the log for the 63 feet deep well drilled on October 29, 1978. The well information was given over the phone as noted on the Form 2A - Well Information for well No. 2

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

REPORT ON APPLICATION NO. 2057-2
CHILDRENS HOME SOCIETY
June 14, 1988

This application proposes to appropriate 0.18 cfs from 3 wells (2 existing and 1 proposed) 35 feet, 60 feet and approximately 150 feet deep, respectively. The two existing wells and proposed well are located in the W 1/2 NW 1/4 of Section 2, T2S, R6E in Pennington County. The water is to be used for institutional purposes.

Aquifer - Precambrian Rocks

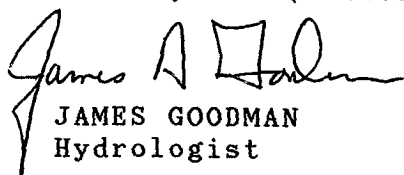
The Precambrian rocks in this area consist of metagraywacke and quartz-mica schist or phyllite (Redden, 1975). Ground water is found with foliations inherent to the rock and fractures or faults. The wells are located in a low area along a tributary which flows into Battle Creek. There is probably colluvium or alluvium along the floodplain of the creek which lies upon the Precambrian rock. Recharge to the formation comes from snowmelt and rainfall on the Precambrian surface and runoff to the creek. Water from the creek can percolate into the alluvium and into the underlying Precambrian rock. Domestic well logs in this area (Water Rights Division, 1988) indicate the formation is a viable aquifer although low yield, with well productions of 3-50 gpm.

Review of Existing Water Permits

There are no other ground water permits in this area. Interference should not be a problem.

Conclusions

1. Ground water is available from the Precambrian rock.
2. No wells logs are available; however, the geologic map of the area and some domestic logs provide information concerning the formations.
3. Interference should not be a problem. The aquifer is under water table conditions and pumping rates are small so drawdowns are not expected to be significant.
4. The new well must be grouted in accordance with South Dakota Well Construction Standard 74:02:04:30.
5. Waste from the institution is disposed through a septic tank system (Western Field Office).


JAMES GOODMAN
Hydrologist

Bibliography

Redden, J.A., J.J. Norton, 1975, Precambrian Geology of the Black Hills, in Minerals and Water Resources of SD, USGS, Washington D.C.

Water Rights Division, 1988, Well Files For T2S, R6E, Pennington County, DWNR, Division of Water Rights, Joe Foss Building, Pierre SD.

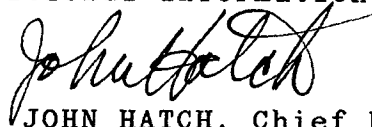
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2057-2, Children's Home Society

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 2057-2, Children's Home Society, West River Children's Center, HC 33, Box 7801, Rapid City SD.

The Chief Engineer is recommending APPROVAL of Application No. 2057-2 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) in the public interest with the following qualifications:

1. The well construction authorized by Permit No. 2057-2 shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted with cement (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:30.
2. The wells approved under this Permit are located near domestic 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 supplies in adequate domestic wells.

See the attached report for additional information.



JOHN HATCH, Chief Engineer
June 20, 1988



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

Water Rights Division
(605) 773-3352

June 21, 1988

NOTE:

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

E. R. Pelky
Children's Home Society West River
Children's Center
HC 33, Box 7801
Rapid City SD 57701

Dear Mr. Pelky:

Your Application No. 2057-2 for a permit to appropriate water for
institutional purpose use, has been examined and found to
comply with the South Dakota Water Laws and applicable rules. A notice of
your intent to appropriate water has been sent to the Publisher of the

RAPID CITY JOURNAL

printed at Rapid City

South Dakota. For your information, a copy of this notice, the recommendation
of the Chief Engineer and a report on the application are enclosed. Please
review this notice prior to publication and notify this office, if you have
any corrections or questions.

BE SURE TO CONTACT THE ABOVE NEWSPAPER IMMEDIATELY TO AUTHORIZE PUBLICATION
OF YOUR NOTICE OF INTENT TO APPROPRIATE WATER 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 at least twenty days before the board
meeting. We must receive Proof of Publication before the application can be
considered by the Water Management Board.

Sincerely,

RON DUVAL
Natural Resources Engineer

enclosures



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

June 21, 1988

RAPID CITY JOURNAL
Box 450
Rapid City SD 57709

Dear Sir:

Enclosed is a Notice of Hearing on Application No. 2057-2 to be published twice. Please publish the first notice on or before June 28, 1988 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 the Children's Home Society West River Children's Center, HC 33, Box 7801, Rapid City SD 57701.

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. The permit application cannot be considered by the Water Management Board until proof of publication has been received.

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enclosures

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

FIRST TRANSMITTAL NOTICE
No. _____

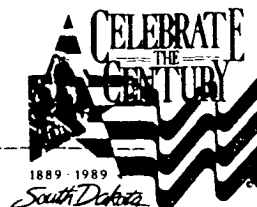
TO: Water Rights Division
Joe Foss Building
Pierre SD 57501-3181

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 or before June 28, 1988 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 2057-2 to Appropriate Water

Notice is given that the Children's Home Society West River Children's Center, HC 33, Box 7801, Rapid City SD 57701 has filed an application for a water permit. This application is to appropriate 0.18 cubic feet of water per second from 3 wells (2 existing wells and 1 proposed well) 35 feet, 63 feet and approximately 150 feet deep, respectively, into the Precambrian Rocks Formation. The two existing wells and the proposed well location are in the W 1/2 NW 1/4 Section 2, T2S, R6E. Water is used for institutional purposes by the Children's Home Society.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 2057-2 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. This application will be considered by the Water Management Board in Room 216, Joe Foss Building, 523 E Capitol, Pierre SD on July 27, 1988 at 10:00 am. 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 interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by July 15, 1988. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)". 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 legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. 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. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by July 15, 1988.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 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; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

Affidavit of Publication

STATE OF SOUTH DAKOTA

County of Pennington

ss.

I, Jerry J. Shoener, being first duly sworn,

upon his oath says: That he is now and was at all times hereinafter mentioned, an employee of the RAPID CITY JOURNAL COMPANY, a corporation, of Rapid City, South Dakota, the owner and publisher of the RAPID CITY JOURNAL, a legal and daily newspaper printed and published in Rapid City, in said County of Pennington, and has full and personal knowledge of all the facts herein stated as follows: that said newspaper is and at all of the times herein mentioned has been a legal and daily newspaper with a bonafide paid circulation of at least Two Hundred copies daily, and has been printed and published in the English language, at and within an office maintained by the owner and publisher thereof, at Rapid City, in said Pennington County, and has been admitted to the United States mail under the second class mailing privilege for at least one year prior to the publication herein mentioned; that the advertisement, a printed copy of which, taken from said RAPID CITY JOURNAL, the paper in which the same was published, is attached to this sheet and made a part of this affidavit, was published in said newspaper once each week for two successive weeks, the first publication thereof being on the twenty-eighth day of June, 1988, that the fees charged for the publication thereof are seventy Dollars and thirty-six cents.

[Signature of Jerry J. Shoener]

Subscribed and sworn to before me this 5th day of

July, 1988.

[Signature of Notary Public]
Notary Public.

June 28, July 5 L296

NOTICE OF HEARING ON APPLICATION NO. 2057-2 TO APPROPRIATE WATER

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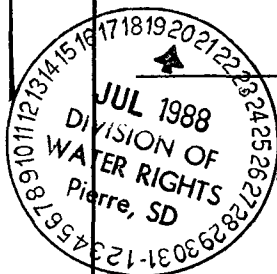
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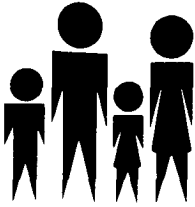
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David P. Loving
Executive Director

F. G. Tully
Clinical Director

CHILDREN'S HOME SOCIETY OF SOUTH DAKOTA

ADMINISTRATIVE OFFICE

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CROSSROADS CENTER

801 N. Sycamore Ave. (Home)

• Sioux Falls, South Dakota 57103-6602 • (605) 336-1313

805 N. Sycamore Ave. (School)

• Sioux Falls, South Dakota 57103-6602 • (605) 335-8925

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WEST RIVER CHILDREN'S CENTER

HC 33, Box 7801

• Rapid City, South Dakota 57701-9215 • (605) 343-5422

HOME BASED SERVICES

3410 W. Main

• Rapid City, South Dakota 57702-2322 • (605) 348-6655

August 8, 1988

Mr. Ron Duvall
Natural Resources Engineer
Department of Water and Natural Resources
Joe Foss Building
523 East Capitol
Pierre, S.D. 57501-3181



Dear Mr. Duvall:

Enclosed is a copy of the well-driller's log. I apologize for the delay. I have been out of town and had this log tucked away in my file.

Sincerely yours,

F. G. Tully
F. G. Tully

West River Children's Center

FGT:jl

CHILDREN'S HOME SOCIETY

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Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

March 31, 1989

F G Tully
West River Children's Center
HC 33, Box 7801
Rapid City SD 57701

Dear Mr. Tully:

This letter is in response to the water permit application for the Children's Home Society approved on July 27, 1988.

A well completion report has not been received from the well driller. The well log received on August 10, 1988 does not include the well construction. The well construction information is needed to determine if the well construction complies with the Well Construction Standards.

Please the have enclosed well completion report completed and returned to the Division of Water Rights. Water Permit No. 2057-2 will not be issued until the well completion report has been received. If you have any questions, please contact me.

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enc.





Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

August 23, 1989

F G Tully
West River Children's Center
HC 33, Box 7801
Rapid City SD 57701

Dear Mr. Tully:

This letter is to follow-up my letter dated March 31, 1989 (copy enclosed) regarding the well completion report for the well drilled by the National Guard.

As stated in the March 31, 1989 letter, no completion report for the well has been received. Water Permit No. 2057-2 has not been issued and will not be issued until the well completion report is received by the Division of Water Rights. The permit is not valid until the Chief Engineer has signed the permit.

Please have the well driller complete the enclosed well completion report form and return the form to the Division of Water Rights by September 22, 1989. If you have any questions, please contact me.

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enc.



Conversation or File Documentation

NAME OF PERSON OR FILE: West River Children's CenterADDRESS: _____ COUNTY PenningtonDATE: 4/20/90 TELEPHONE 343-5422

RE: _____

COMMENTS:

Mr. Tully will be sending in another application ~~to~~ for an additional diversion point. A pneumatic hammer dropped into their well. The National Guard is coming out to try and pull the hammer out. If they get the hammer out, the Guard is still going to drill them an additional well and they'll need ^{to file an application for} an additional diversion permit. If they can't get the hammer out, the Guard will plug that well, drill another well 50' away in which they will not need an additional permit.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME: Eric Handland



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

November 29, 1990

Fred Tully, Director
Black Hills Children's Home
HC 33, Box 7801
Rapid City SD 57701-9215

Dear Mr. Tully:

On June 27, 1990, we wrote you regarding the need for a well completion report in order to issue Permit No. 2057-2 and the other pending Black Hills Children's Home application. To date, we have not received a response from you.

Has the National Guard completed drilling the wells that supply the Home's water supply? If so, please submit the well completion reports. Upon receipt of the reports, Permit No. 2057-2 can be issued and further processing of the pending application will continue. If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Eric Gronlund".

Eric Gronlund
Water Rights Division
605 773-3352



DEPARTMENT OF WATER & NATURAL RESOURCES

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

GREAT FACES. GREAT PLACES.

MAR 26 1991

Fred Tully, Director
Black Hills Children's Home
HC 33, Box 7801
Rapid City, SD 57701-9215

Dear Mr. Tully:

Enclosed is Water Permit No. 2057-2 as approved by the Water Management Board authorizing construction of the water system and the application of water beneficial use, 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,

A handwritten signature in cursive script, appearing to read "John Hatch".

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

enclosures

**Permit No. 2057-2
Pennington County**

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, **December 11, 2013** made a thorough examination of the water system used by **Black Hills Children's Home, 24100 S Rockerville Rd., Rapid City, 57702**, holder of Water Permit No. **2057-2**, bearing the priority date of **June 7, 1988** and authorizing the diversion of **0.18 cubic feet per second (cfs)** or 80 gallons per minute (gpm) from three wells completed into the Precambrian rocks at approximately 35, ~~60~~, and ~~150~~ feet deep for the purposes of supplying water for **institutional use**.
63 196

I have the following conditions to report for the system in question:

- 1) Works used to divert water:
Franklin pump
- 2) Works used to transport water to a place of use:
Underground pipes
- 3) Works used to apply water to beneficial use:
N/A

The system is in the following condition: well maintained. The wells associated with Water Permit No. 2057-2 ~~are both~~ located in the NW ¼ NW ¼ of Section 2, T2S-R6E. The exact location of ~~each~~ well is as follows: **15** ~~the~~

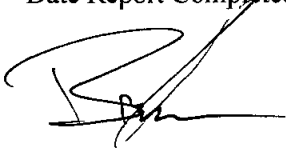
- 1) **1,280 feet south and 350 feet east of the northwest corner of Section 2. Lat 43.90826N Lon 103.37812W.**

License should be issued for the developed diversion rate of **0.019 cfs** or **8.5 gpm**.

Applicable permit qualifications have been complied with: **Yes**

Exceptions to compliance are: **One existing well in place under this water permit.**

Date Report Completed: **June 30, 2014**



Bracken Capen
Natural Resources Engineer
DENR, Water Rights Program

FIELD INVESTIGATION REPORT FOR WATER PERMIT NO. 2057-2

DATE OF INVESTIGATION:	December 11, 2014
NAME & ADDRESS OF PERMIT HOLDER	Black Hills Children's Home HC 33, Box 7801 Rapid City, 57701
NAME & ADDRESS OF INVESTIGATION CONTACT/ RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE	Jerry Bamsy Maintenance
DIVERSION POINT LEGAL LOCATIONS	1) 1,280 feet south and 350 feet east of the northwest corner of Section 2. Lat 43.90826N Lon 103.37812W.

WELL INFORMATION:

- 1) Well Drilling Firm:
Unknown
- 2) Number of Wells: **1**
- 3) Depth: **62 feet**
- 4) Well Logs Available: **No**
- 5) Comment:

Pumps

- 1) Make: **Franklin**
- 2) Model:
- 3) Size:
- 4) Capacity: **8.5 gpm**

Casing

- 1) Diameter: **6 inches**
- 2) Length:
- 3) Type:

Screen

- 1) Type: **None**
- 2) Length:
- 3) Static Water Level:

Motor

- 1) Make: **Franklin**
- 2) Model No:
- 3) Power: **2 hp**

System Type

- 1) Make:
- 2) Overall length:
- 3) Number of Towers:
- 4) Distance Between Towers:
- 5) End Gun:
- 6) Pressure:
- 7) Capacity:

CHEMIGATION EQUIPMENT: **No**

- 1) Mainline Check Valve:
- 2) Low Pressure Drain:
- 3) Inspection Port/Air Relief:
- 4) Discharge 20 Feet Away:
- 5) Injection Line Check Valve or Positive
Displacement Pump:
- 6) Injection Check Valve:
- 7) Properly Installed:

PERMIT QUALIFICATIONS:

- 1) Special qualifications to permit being abided by: **N/A**
- 2) All structures, wells, and lands on map: **Yes**
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period: **N/A**

COMMENTS:

- 1) Although three wells were initially permitted under Water Permit No. 2057-2, only one is currently in operation and is being used as a backup water supply to Water Right No. 2163-2. This well does not experience regular use.
- 2) No well log is available for the well permitted under Water Permit No. 2057-2. Given the date (1978) that this well was drilled, and the change in staff at the Black Hills Children's home over the time since then, it is unlikely that a well log or accurate information regarding the wells construction can be obtained.

Water Sources

Black Hills Children's Home

EPA ID: 2121

Name	Year Built	Diameter (in)	Depth (ft)	GPM	Status	ID
Well #3	1990	6	308	9	Permanent	3
Well #2-School	1978	6	62	8	Standby	

Name	Water Right #	Aquifer	Location Description	ID
Well #3	2163-2	CRSL	North of buildings & parking lot. T2S, R6E, Sec 2 (NW 1/4 NW 1/4)	
Well #2-School	2057-2	CRSL	By playground. T2S, R6E, Sec 2 (W 1/2 NW 1/4)	

yes no n/a unk note

☒ ☐ ☐ ☐ ☐ 1 Has a Source Water Protection Plan been developed?

Date: 2008

☒ ☐ ☐ ☐ ☐ 2 Is the wellhead/pumphouse protected from unauthorized personnel?

☐ ☒ ☐ ☐ ☐ 3 Are there any sources of contamination within 1/4 mile?

☐ ☒ ☐ ☐ ☐ 4 Are pesticides, herbicides, fertilizers applied in the area of the well(s)?

☒ ☐ ☐ ☐ ☒ 5 Is a pressure gauge provided at each source?

☐ ☒ ☐ ☐ ☒ 6 Is a sample tap provided for raw water?

☒ ☐ ☐ ☐ ☐ 7 Can flow be measured from each well?

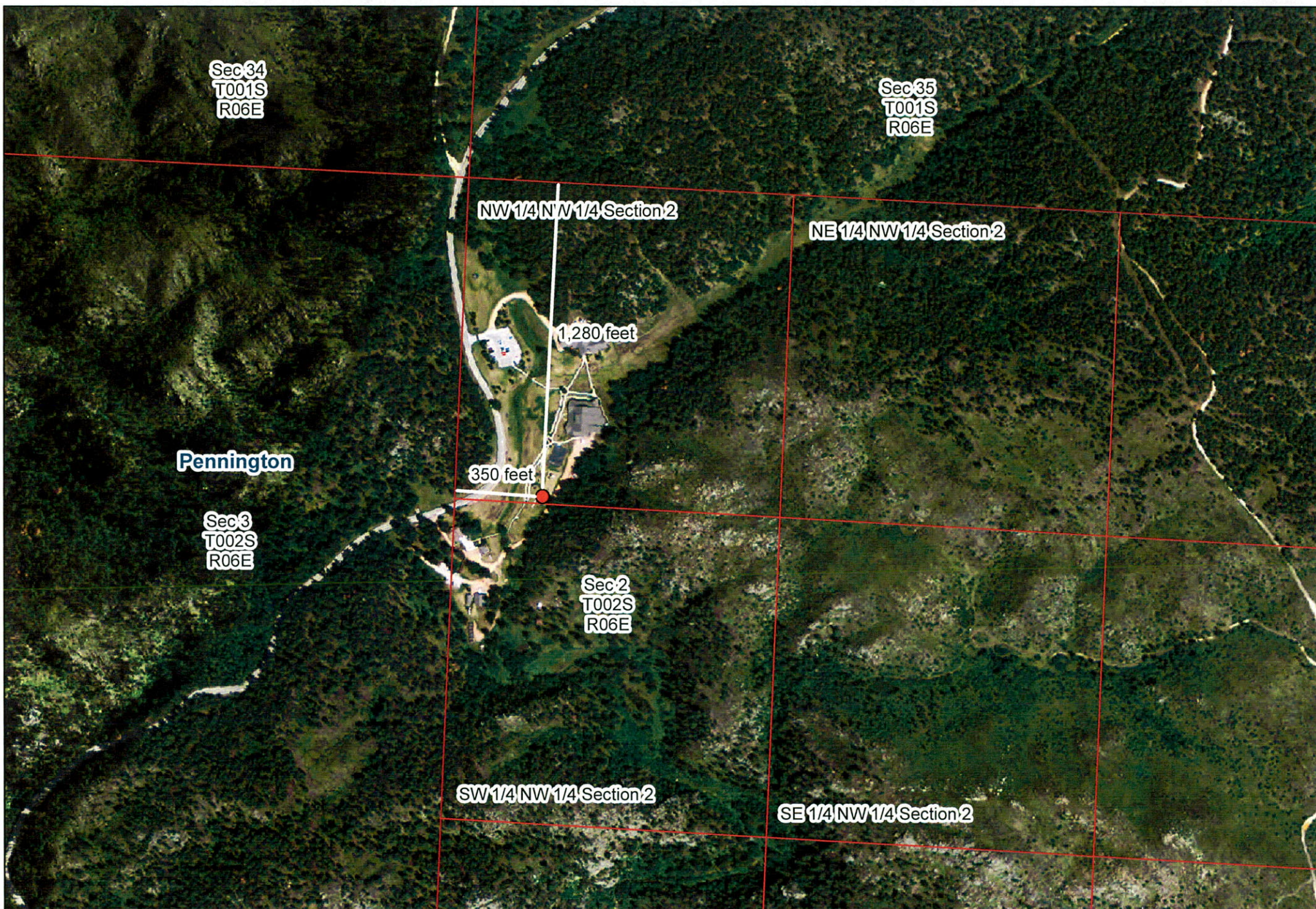
☒ ☐ ☐ ☐ ☐ 8 Is the well house(s) kept clean, in good repair and not used to store hazardous material?

Comments: Well 2 is piped directly to the pump house by well 3 where it is treated. Both wells can be pumped at the same time; hour meters for each.

The well pumps are controlled by system pressure (reservoir levels) or can be run on a timer.

5. Pressure gauge reading 52 psi.

6. The chlorinator must be shut off and the line flushed to collect a raw water sample.

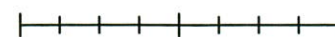


Legend

-  Section Boundaries - PLSS
-  Existing Licenses and Permits



0 0.04 0.08 0.16 Miles



Prepared by Bracken Capen
Natural Resources Engineer
DENR, Water Rights Program





DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov



JUL 24 2014

2057-2

Black Hills Children's Home
24100 S Rockerville Rd
Rapid City SD 57702

Dear Sir:

Enclosed is Water License No. 2057-2. This is the final water right document completing the 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 the owner of an existing well, such as the well authorized by Water Right No. 2057-2, 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.

Sincerely,

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

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2057-2

(1) The Black Hills Children's Home, 24100 S Rockerville Rd., Rapid City SD 57702 made Application No. 2057-2, June 7, 1988 for a water permit to divert 0.18 cubic feet of water per second from ground water three wells, Precambrian Rock Formation, Pennington County, South Dakota for institutional purposes. Permit No. 2057-2, with a priority date of June 7, 1988 was approved July 27, 1988 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.

(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 0.019 cubic feet of water per second (8.5 gallons per minute) for beneficial use.

The location of the diversion point is 1,280 feet south and 350 feet east of the NW corner of Section 2, T2S, R6E (NW ¼ NW ¼). This well is used as a backup water supply. The main well in use for the home is authorized under Water Right No. 2163-2.

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

(4) Pursuant to South Dakota Water Law 46-5-30.1 Black Hills Children's Home, 24100 S Rockerville Rd., Rapid City SD 57702 the holder and/or owner of Water Right No. 2057-2 is issued a license to appropriate water, the right to use 0.019 cubic feet of water per second from ground water (one well – Precambrian Rocks Formation) with a priority date of June 7, 1988 from the location specified in (2) of this license for institutional purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 2057-2 and subject to the following qualifications:

- The well authorized by No. 2057-2 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted with cement (bottom to top) from the producing formation to the surface pursuant to Section 74:02:04:30. *The well was constructed in 1978 – no well log is available.*
- The well approved under this water right is located near domestic wells which may obtain water from the same aquifer. The well owner shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells.



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

JUL 24 2014

date

