

.

WATER PERMIT NO. 2588-2

Name of Applicant: Mount Rushmore National Memorial

Address: 1300 Hway 244, Bldg 31, Suite 1, Keystone SD 57751 Phone: 605 574-3117

Amount of Water Claimed: 0.07 cfs (34 ½ gpm) Total Acres: NA

Source of Water Supply: groundwater (one well)

Water to be used for: commercial and recreation County: Pennington

Type of Waste Disposal System:

Location: ½ north of Mount Rushmore

PRIORITY Date Received: 5-11-06

Application/License Fee: \$100

Corrected Application Received: 5-23-06

Period of Annual Use: January 1 – December 31

Remarks: Additional diversion rate and change of location of diversion point authorized by US
Withdrawal No. 596-2

Diversion Point: SE ¼ SW ¼ Sec 7-T2S-R6E

Land to be Irrigated: NA

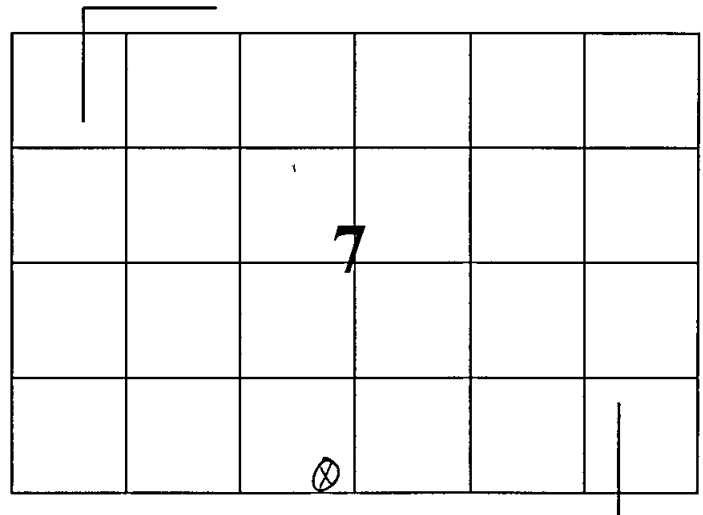
Depth of Well: 200 feet deep

Well Driller: :

Remarks:

Type of Map: topo

Prepared by: Blaine Foss



Reviewed and the Number Assigned on: 5-23-06

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

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

RECEIVED

MAY 11 2006

WATER RIGHTS
PROGRAM

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>2588-2</u> (office use only) Hydrologic Unit <u>10120109</u>
	Basin <u>Upper Cheyenne</u>
	Newspaper <u>Rapid City Journal</u>

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:
(check one)

☐ New	☒ Vested Right (Use predates Mar 2, 1955)	☐ Future Use Reservation
☐ 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.)

Add diversion point, to wit: Well # 3 drilled in July of 1967, placed into service in October of 1967. This point added to use of Rushmore

1. Spring Name of Applicant Mount Rushmore N.M. Phone (605) 574-3117
(check one) ☐ Owner ☐ Tenant/lessee

Mailing Address 13000 Hwy 244, Bldg 31, Suite 1, Keystone State SD 57751
(Street, RR, or Box and City) (Zip Code)

2. Amount of water claimed 0.07 *CFS or 34 1/2 **GPM 8 million-gals/**Year
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Well

4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Pennington

1 well in SE1/4SW1/4 Section 7 - T2SR6E

5. County or counties where water will be used Pennington

6. Annual period during which water is to be used Continuous 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)

Well was constructed during Summer of 1967 to augment flow from Rushmore Spring.

us withdrawal No. 596-2 authorizes 13 1/2 gpm from Rushmore spring

This applies for 34 1/2 add'l gpm and changes location of diversion pt from spring to well

STATE OF SOUTH DAKOTA)
County of Pennington 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, Gerard A. Baker, 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 Gerard A. BakerSubscribed and sworn to before me this 28th day of April 20 06

Shirley M. Kelley
Notary Public signature

SOUTH DAKOTA
WATER PERMIT NO. 2588-2

Date of first receipt of application May 11, 2006.

Date of return to applicant for corrections, amendments or changes May 17, 2006.

Date of receipt of corrected application May 23, 2006.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 2588-2 to Mt. Rushmore National Memorial, 13000 Hwy. 244, Bldg 31, Suite 1, Keystone SD 57751 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. 2588-2 appropriates an additional 0.07 cubic feet of water per second (cfs) and changes the location of the diversion point authorized by U.S. Withdrawal No. 596-2. U. S. Withdrawal No. 596-2 appropriates 0.03 cfs from Rushmore Spring located in the SE ¼ SW ¼ Section 7-T2S-R6E. This permit amends the diversion point from the spring to one existing well completed into the Precambrian aged Crystalline Rock Aquifer (200 feet deep) located in the SE ¼ SW ¼ Section 7-T2S-R6E. This permit also authorizes an additional 0.07 cfs for a total diversion from the well of 0.10 cfs (45 gallons per minute).
2. The water appropriated shall be used for the purpose of recreational and commercial use 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. 2588-2 is September 5, 2006.
5. The date from which applicant may claim right is May 11, 2006.
6. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATION

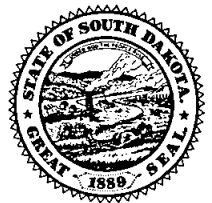
The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

WATER MANAGEMENT BOARD

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

NOV 03 2006

date



Affidavit of Water Use

Form 2B

(Type or Print in Ink)

Note: This Form is supplemental to Form 2 and is to be used when an affidavit is needed to document historical water use, primarily with vested right claims.

Affidavit Of Construction Of Water Use System And Application Of Water To Beneficial Use

Name of Applicant (Same as Form 2) Mount Rushmore National Memorial

Mailing Address 13000 Hwy 244, Bldg 31, Suite 1, Keystone, SD 57751
(Street, RR or Box) (City) (State) (Zip Code)

- A. Notice of Appropriation _____ Date of Posting _____
Date of Recording _____ Recording Date _____
- B. Date of start of construction of water supply system 1927
- C. Date that water was first applied to beneficial use 1927
- D. Name of owner of original water supply system Mount Rushmore National Memorial
- E. Amount of water originally applied to beneficial use unknown
- F. Present use of water - amount of water now being used 8 million gallons/year
Date that this water was first used Rushmore Spring-1927, Rushmore Well-1967

G. Chronological History of Water Use

Rushmore Spring was developed and use initiated in 1927 to support the Memorial's carving effort and visitation. Quantity unknown. The System was improved in 1957 (additional draw point from spring) add construction of 0.5mg storage reservoir. Rushmore well was constructed in 1967 and incorporated into system. Surface water use was discontinued in October of 1967. Well and spring are likely inter-related.

Attach to this Form 2B any copies of notices, postings, filings, publications, affidavits, or other records that apply. You may also attach any written statement by you, or by others, that you deem pertinent.

State of South Dakota)
SS

County of Pennington)

I, Gerard A. Baker the applicant, certify that I have read the foregoing and that
(print or type) the matters therein are true.

Signed

Gerard A. Baker

Subscribed and sworn to before me

April 28th, 20 06

Shirley M. Kelley

Notary Public

I, the undersigned do hereby certify that I know about the water use system described above, that I have read the foregoing, and that the matters therein are true.

_____, 20____
(Print Name)

_____, 20____
(Print Name)

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter unknown Depth 200 feet
- b) Casing Type steel Diameter 6 inch Thickness 1/2 inch
- c) Screen Type pump/pvc Diameter 4" pump Thickness
- d) Gravel Pack shist/granite Length of Gravel Pack
- e) Depth to Top of Water Bearing Material unknown
- f) Depth to Water (ground surface to water level) 6 feet
- g) Distance to nearest existing domestic well:
- On applicants property On property owned by others two miles

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) Activated-sludge/tertiary treatment
- b) System Capacity (gallons) 70,000 gpd Year Constructed 2000
- c) Connected to the City of N/A Sanitary System

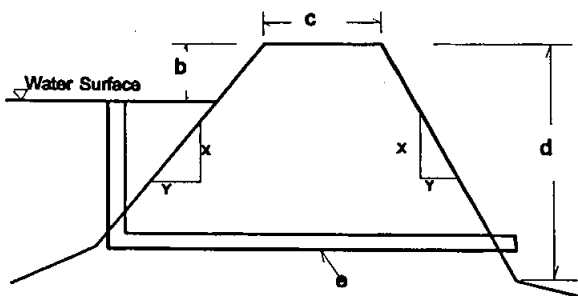
3. Dugout Information

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

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:



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

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date May 12, 20 06

RECEIVED OF US Department of the Interior National Park Service

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

Fee for Application for Permit No. <u>25882</u> to Appropriate Water, to construct and to put water to beneficial use	15	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 _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	15.00

No.

02448

By

Darlene Ebeli
Chief Engineer

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date May 23, 2006

RECEIVED OF US Department of the Interior, National Park Service

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

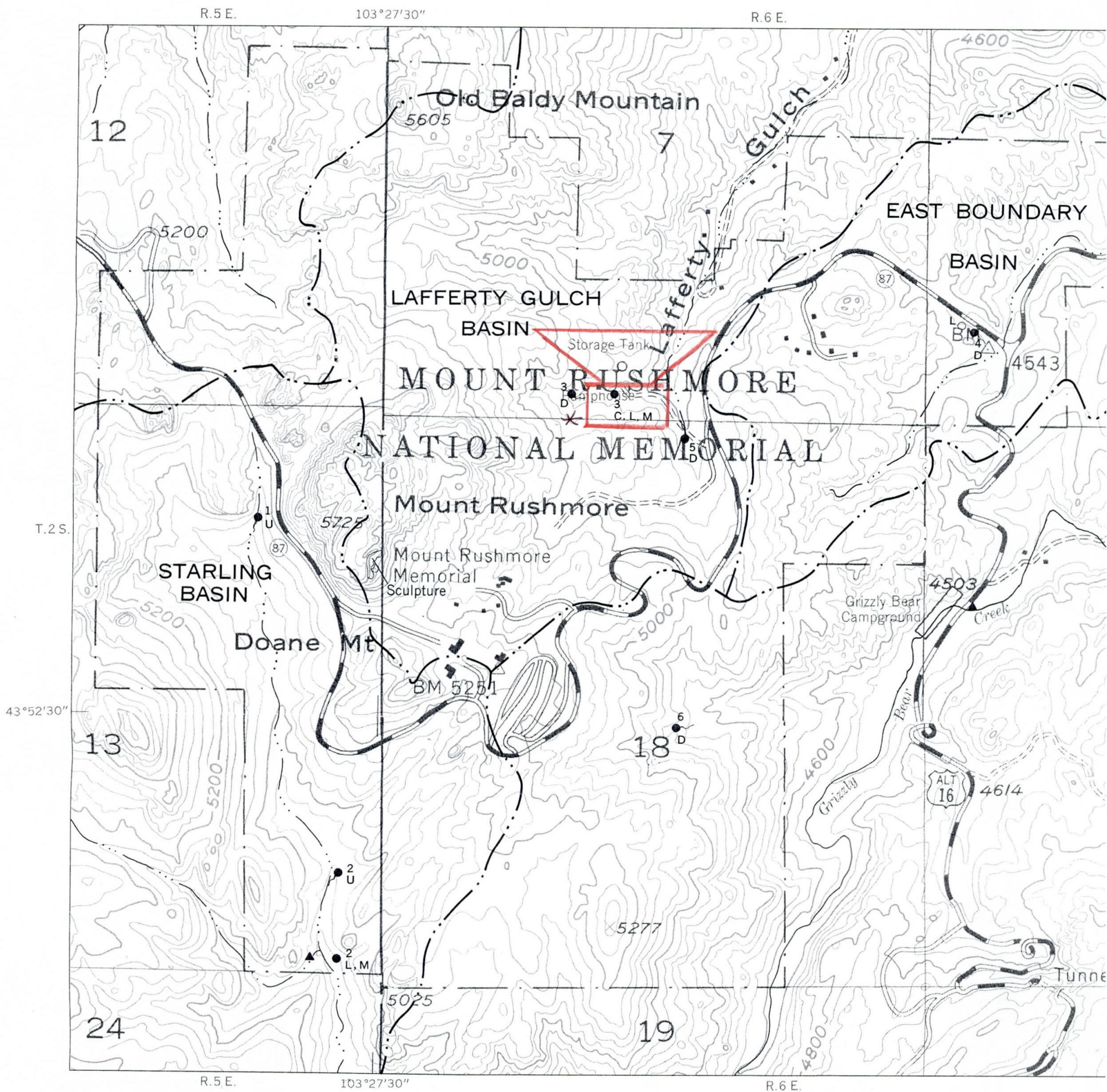
Fee for Application for Permit No. <u>2588-2</u> to Appropriate Water, to construct and to put water to beneficial use	35	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>2588-2</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	85.00

No.

02450

By

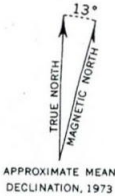
J. Darland Albe
Chief Engineer gm



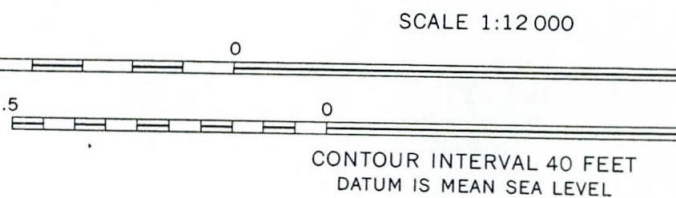
Base from U.S. Geological Survey, Mount Rushmore and Iron Mountain, 1:24,000, 1954
Photorevision as of 1971

A. LOCATIONS OF GEOHYDROLOGIC DATA-COLLECTION SITES

- * ● 3
C, L, M - RUSHMORE WELL
3 = WELL NUMBER
C = CHEMICAL ANALYSIS AVAILABLE
M = WATER LEVEL MEASUREMENTS AVAILABLE
L = WELL LOG AVAILABLE
- 3
D - RUSHMORE SPRING



** - WELL #3
GPS LAT. - 43.88351
GPS LON. - 103.45058



Map notations prepared by:
Blaine Foss
Blaine Foss
Utilities Supervisor
Mount Rushmore National Memorial

GEOHYDROLOGIC MAPS

Water Resources and Geology of Mount Rushmore National Memorial, South Dakota

NATIONAL PARK SERVICE
Mt. Rushmore National Memorial
Keystone, SD 57751

Row

By J. E. POWELL, J. J. NORTON, and D. G. ADOLPHSON

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1865

*Prepared in cooperation with the
National Park Service,
Department of the Interior*

*Water-yielding characteristics
of metamorphic rocks intruded
by granite*



ption
e.)

The alluvium in Starling basin is potentially a productive aquifer. However, it is separated from existing-water distribution facilities by 0.5 mile of rugged topography and is 400 feet lower in altitude. The water-yielding potential of the underlying mica schist bedrock may also be substantial, but it has not been investigated because of inaccessibility of the area.

In Starling basin, two undeveloped springs (not modified or improved by man) contribute water to an unnamed tributary of Grizzly Bear Creek: spring 1 flowed an average of 5 gpm (gallons per minute) during 1967; spring 2 flowed only during periods of snowmelt and heavy rainfall and by July 1967, all flow had ceased. An undeveloped spring, outside but near the boundary of the memorial, contributes water to a tributary that enters Starling basin from the west. The tributary had an average flow of 7 gpm in 1967 at its confluence with the main Starling basin drainage. Ground-water discharge from springs and seeps furnished virtually the entire flow from Starling basin during the driest parts of the summer and fall of 1967, a comparatively dry year, and during the summer and fall of 1968.

LAFFERTY GULCH BASIN

Lafferty Gulch basin includes about 380 acres in the S $\frac{1}{2}$ sec. 7, the SE $\frac{1}{4}$ sec. 12, the NE $\frac{1}{4}$ sec. 13, and the N $\frac{1}{2}$ sec. 18. The axis of the basin approximately follows the strike of the rocks, but prominent tributary valleys cross the strike. Sills of granite and pegmatite are abundant on the west side of the gulch, and mica schist and quartzite occupy most of the east side. The floor of the valley is of mica schist that is much less resistant to erosion than granite and pegmatite. The valley trends to the east in its upper reaches in the N $\frac{1}{2}$ sec. 18 and extends around a fold of mica schist and quartzite. The head of the valley is in the NW $\frac{1}{4}$ sec. 18 between two ridges formed by granitic sills.

The small valley in which well 3 is located trends east, probably because of the absence of erosion-resistant pegmatites in that direction. The easterly trends of this and other small valleys tributary to the main drainage in Lafferty Gulch may also be due to zones of weakness caused by a series of joints.

The aquifer that supplies well 3 is mainly mica schist. The rocks apparently are extensively fractured and permeable, as water production from other individual wells in the schist in the central Black Hills is considerably less than production of well 3. The aquifer, the principal aquifer in the memorial, underlies about 120 acres, most of which is southwest of and topographically higher than well 3.

The water-bearing characteristics of the rocks in Lafferty Gulch east of well 3 are not definitely known. However, the absence of springs and seeps indicates that water is less plentiful than at the higher altitudes in the basin to the west.

In Lafferty Gulch basin two developed springs, spring 5, locally known as Red Spring, and spring 3, locally known as Rushmore Spring, issue from the fractured schist aquifer and contribute water to Lafferty Gulch. The only improvement at Red Spring is a section of 1¼-inch pipe thrust into the seep area. Average flow during 1967 was about 7 gpm. However, the spring is down-gradient from sewage filters in the memorial and may be susceptible to contamination.

Spring 3, which is about 400 feet west of well 3, flows into an elaborate catchment system. It furnished the total water supply for the memorial from 1927 to October 1967. The average flow was 20 gpm for the period 1960-67. The lowest flow recorded was 11 gpm in April 1962, and the greatest was 80 gpm in June 1962.

The flows of well 3 and spring 3 result from the hydraulic head produced by a pegmatite or granite sill. This intrusive body acts as a ground-water dam that forms a reservoir at higher altitudes in the subsurface to the southwest. If it were not for the damming effect of the sill, water would drain rapidly from the aquifer, which slopes about 12° NE. The flow at spring 3 probably is from a joint or fracture system that intercepts the aquifer.

Lafferty Gulch basin has a narrow outlet through which the escaping ground water must migrate and surface water must flow. The gradient of the valley floor is much steeper than in Starling basin, and the topography and geology are more complicated. Ground water probably is as plentiful but is more erratic in its distribution than in Starling basin.

EAST BOUNDARY BASIN

East Boundary basin contains about 318 acres in part of the SW¼ sec. 8, the SE¼ sec. 7, and the NE¼ sec. 18. The geology differs from that of the other two basins in that the rocks include fewer pegmatites and a different kind of schist. The schist is less micaceous and less schistose and probably contains fewer fractures and less ground water than schist in the other two basins.

The valleys in this part of the memorial rarely have flowing streams except during times of heavy precipitation. Most of the water leaving the basin, therefore, is ground water migrating through the alluvium and fractures in the underlying bedrock near wells 1 and 4.

Gronlund, Eric

From: Gronlund, Eric
Sent: Friday, May 12, 2006 10:38 AM
To: 'blaine_foss@nps.gov'
Cc: Schlaak, Karen
Subject: water permit application for Mount Rushmore National Memorial

Blaine

The Water Rights Program received the water right permit application for Mount Rushmore National Memorial. In the past, we have discussed water rights for the Memorial that I presume led up to the filing of this application. Therefore, I am writing this email to you with questions we have regarding the application. I tried calling the phone number listed on the application but the number rings busy.

The application as filed is for a vested water right for Well #3 drilled in 1967 to add to the use from Rushmore Springs and included a \$15 application filing fee for a vested right. Currently, the Memorial holds water right No. 596-2 to divert 13.5 gallons per minute from Rushmore Springs with a priority date of 1949. It is presumed that the Rushmore Springs and the well are the same water. Here are questions I have about the application and how I view the application:

- 1) Does the Memorial still divert directly from Rushmore Spring? The affidavit submitted with the application states surface water use was discontinued in October 1967 (ie – the same time well #3 was drilled) while the application states the well was constructed to augment flow from Rushmore Spring. If only the well is being used and a determination is made that this is the same water, this may be simply a change of diversion point provided the pumping rate does not exceed the permitted amount of 13.5 gpm.
- 2) The application claims a vested water right for a well drilled in 1967. To qualify for a vested right the use would have to predate March 1955. If the diversion rate from the well and spring (combined) exceeds the 13.5 gpm, a new water right permit is necessary for the incremental increase in the diversion rate. The fee for a new permit is greater than the \$15 vested water right fee (we can figure that out based on if a new permit is necessary).
- 3) The application states the amount of water claimed as a volume of 8 million gallons per year. This equates to a continuance diversion of 15 gpm throughout the year which is very close to the 13.5 gpm authorized by the WR No. 596-2. However, water rights are issued for peak diversion rates as well as being quantify on a volume basis. What is the diversion rate (pump capacity) from the well (and spring if still used). Given the seasonal nature of Memorial, I assume diversion during the summer months is significantly greater than during the winter months.

Blaine, I know we talked about water right permitting issues for the Mount Rushmore a few months back and can not recollect all of our discussion. It is my goal to get water rights in place that accurately reflect water use at Mount Rushmore. Please contact me at your convenience to discuss this further.
Thanks

Eric Gronlund
Water Rights Program, DENR

05/12/2006

Gronlund, Eric

From: Blaine_Foss@nps.gov
Sent: Monday, May 15, 2006 12:33 PM
To: Gronlund, Eric
Cc: Schlaak, Karen
Subject: Re: water permit application for Mount Rushmore National Memorial

Please review my comments in text.

Blaine Foss
Utilities Supervisor
Mount Rushmore National Memorial
Keystone, SD 57751
(605) 574-3117 (3189-fax)

<Eric.Gronlund@state.sd.us>

05/12/2006 10:37

Mount Rushmore National Memorial
AM EST

To: <blaine_foss@nps.gov>
cc: <Karen.Schlaak@state.sd.us>
Subject: water permit application for

Blaine

The Water Rights Program received the water right permit application for Mount Rushmore National Memorial. In the past, we have discussed water rights for the Memorial that I presume led up to the filing of this application. Therefore, I am writing this email to you with questions we have regarding the application. I tried calling the phone number listed on the application but the number rings busy. Our phone system took a lightning hit last week - we're good to go now.

The application as filed is for a vested water right for Well #3 drilled in 1967 to add to the use from Rushmore Springs and included a \$15 application filing fee for a vested right. Currently, the Memorial holds water right No. 596-2 to divert 13.5 gallons per minute from Rushmore Springs with a priority date of 1949. It is presumed that the Rushmore Springs and the well are the same water. Here are questions I have about the application and how I view the application:

1) Does the Memorial still divert directly from Rushmore Spring? No, that was discontinued with well development in 1967. The affidavit submitted with the application states surface water use was discontinued in October 1967 (ie - the same time well #3 was drilled) while the application states the well was constructed to augment flow from Rushmore Spring. If only the well is being used and a determination is made that this is the same water, this may be simply a change of diversion point provided the pumping rate does not exceed the permitted amount of 13.5 gpm. At the time the well was placed on line it was assumed the Spring would be used to augment the well supply. That did not occur as the well produced sufficient water for all Memorial uses. The Spring-flow continued to pass through a 32,000 gallon storage reservoir (and into the Lafferty-Gulch drainage) until 1992, when the flow was returned to the stream-bed in it's entirety and the reservoir was rehabilitated for other use. We believe the Spring and Well # 3 are one and the same. To my mind, and recollecting our earlier conversation, this application is

1
a claim for the same aquifer that was granted a right in 1949 but at an increased rate.

2) The application claims a vested water right for a well drilled in 1967. To qualify for a vested right the use would have to predate March 1955. If the diversion rate from the well and spring (combined) exceeds the 13.5 gpm, a new water right permit is necessary for the incremental increase in the diversion rate. The fee for a new permit is greater than the \$15 vested water right fee (we can figure that out based on if a new permit is necessary). Please refer to earlier comment.

3) The application states the amount of water claimed as a volume of 8 million gallons per year. This equates to a continuance diversion of 15 gpm throughout the year which is very close to the 13.5 gpm authorized by the WR No. 596-2. However, water rights are issued for peak diversion rates as well as being quantify on a volume basis. What is the diversion rate (pump capacity) from the well (and spring if still used). Our well pump runs at 45 to 48 gpm dependent on the condition of the intake screen's openings. Given the seasonal nature of Memorial, I assume diversion during the summer months is significantly greater than during the winter months. That's correct - 75% of our visitation occurs between Memorial Day and Labor Day.

Blaine, I know we talked about water right permitting issues for the Mount Rushmore a few months back and can not recollect all of our discussion. You and me both Eric! It is my goal to get water rights in place that accurately reflect water use at Mount Rushmore. Please contact me at your convenience to discuss this further. Thanks

I put this application together waaaay back when you and I discussed this - and it took this much time to get it through the Superintendent's desk. If we can calculate a method to present this application that would avoid repetition of that exercise - I would greatly appreciate it.

Hey, the phone guy just walked in. Maybe things are looking up here. Please review this, give the situation some thought and give me a ring. Thank you Eric.

Eric Gronlund
Water Rights Program, DENR
605 773-3352
eric.gronlund@state.sd.us



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

May 17, 2006

Blaine Foss, Utilities Supervisor
Mount Rushmore National Memorial
13000 Hwy 244, Bldg 31, Suite 1
Keystone SD 57751

Dear Mr. Foss:

The Memorial filed a vested water right application for a well constructed in 1967 to augment flow from Rushmore Spring. Water Right No. 596-2 held by National Park Service currently appropriates 13 ½ gallons per minute (gpm) from the spring for use at the Memorial. I am writing in regard to the recent application and our subsequent e-mail correspondence and phone discussion.

The diversion of water from the actual spring ceased many years ago and now the well is used to supply the facilities at Mount Rushmore. The Water Rights Program concurs that the water from the well and the spring constitute the same water source. However, it is my understanding that the peak diversion from the well is 48 gpm which greater than the amount authorized by Water Right No. 596-2. The following are my thoughts on how the application can be amended to accurately reflect the water use.

1. The application be a request for an additional appropriation of 34 ½ gpm which is the incremental difference between the 13 ½ gpm currently authorized and the well capability of 48 gpm.
2. The application proposes to amend the location of the diversion point for Water Right No. 596-2 from Rushmore Spring to the present well location.

The Memorial submitted \$15 based on the fee for filing a vested water right claim. This application is considered new since it is an additional appropriation of water. The fee to apply to appropriate 34 ½ gpm is \$100. Therefore, an additional \$85 dollars will need to be submitted in order for the application to be complete. I have enclosed an invoice for this additional fee.

If you agree with proposed amendment to the Memorial's water permit application, all I need is a letter confirming the application be amended as set forth in this letter and the additional \$85 filing fee.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Eric Gronlund
Water Rights Program, DENR
605 773-3352
eric.gronlund@state.sd.us

enclosure



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

* INVOICE *

Invoice No. 20411-051706

Blaine Foss Utilities Supervisor
Mount Rushmore National Memorial
13000 Hwy 244, Bldg 31, Suite 1
Keystone SD 57751

\$85.00 additional fee needed for submitted application.

\$85.00

PLEASE PAY THIS AMOUNT:

\$85.00


Eric Gronlund
Water Rights Program
(605) 773-3352



REPLY REFER TO:

United States Department of the Interior

NATIONAL PARK SERVICE
Mount Rushmore National Memorial
Building 31, Suite 1
13000 Highway 244
Keystone, South Dakota 57751

(605) 574-2523
FAX (605) 574-2307

L54

Department of Environment
& Natural Resources
Water Rights Program – Attn: Eric Gronlund
523 East Capitol
Pierre, South Dakota 57501-3182

Dear Mr. Gronlund;

This is in response to your letter of 17 May 2006 which provided guidelines for modification of our pending water right application.

We concur that water from Well # 3 and Rushmore Spring constitute the same water source. As indicated in your letter, please amend our application to reflect the following:

- Appropriate additional 34 ½ gallons per minute
- Amend location of diversion point for Water Right No. 596-2 from Rushmore Spring to the location of Well # 3

If you require any further information, please feel free to contact me at any time.

Thank you,

Blaine Foss
Utilities Supervisor
Mount Rushmore National Memorial
13000 Hwy 244 West, Bldg 31, Suite 1
Keystone, SD 57751

Enclosure – Draft for Permit application

RECEIVED
MAY 23 2006
WATER RIGHTS
PROGRAM

WATER PERMIT APPLICATION NO. 2588-2
MOUNT RUSHMORE NATIONAL MEMORIAL
JULY 21, 2006

Water Permit Application No. 2588-2 proposes to appropriate an additional 0.07 cubic feet of water per second (cfs) and change the location of the diversion point authorized by U.S. Withdrawal No. 596-2. U.S. Withdrawal No. 596-2 appropriates 0.03 cfs from Rushmore Spring located in the SE¼ SW¼ Sec. 7, T2S-R6E. This application proposes to amend the diversion point from the spring to one existing well completed into the Precambrian aged Crystalline Rock aquifer (200 feet deep) located in the SE¼ SW¼ Sec.7, T2S-R6E. This application also requests appropriating an additional 0.07cfs for a total diversion from the well of 0.10 cfs (45 gallons per minute).

AQUIFER: Precambrian aged Crystalline Rock (CRSL)

Geology and Aquifer Characteristics:

The source aquifer for both the spring and the well is the Precambrian aged Crystalline rock aquifer. In this area the crystalline rock consists of metamorphosed sedimentary rocks which have been intruded by granite and pegmatite sills and dikes (Powell and others, 1973). The aquifer (crystalline rock), which is exposed at the surface throughout this area is generally under unconfined conditions. "The granite or pegmatite sills act as ground-water dams preventing the movement of ground water down gradient. A pegmatite or granite sill is probably the cause of the accumulation of water in the vicinity of well 3. The well flows when it is not being pumped." (Powell and others, 1973). Groundwater is derived primarily through joints, fractures and foliation within the rock. The distribution, orientation and interconnection of these zones of secondary porosity and permeability are unpredictable, and the aquifer characteristics are site specific and highly variable. Recharge to the crystalline rock occurs through infiltration of precipitation and steamflow losses. Average annual recharge to the aquifer has not been quantified.

The Water Rights Program does not monitor any observation wells completed into the Crystalline aquifer in this immediate area. The nearest observation well completed into this aquifer is located in Custer, about 10 miles southwest of this site. Water levels in the observation well fluctuate over 50 feet in response to varying climatic conditions, rising during wet years and gradually declining water levels during dry years. A hydrograph of the well data is shown in figure 1. The aquifer in this area should behave similarly to the aquifer in the Custer area.

**WATER RIGHTS' OBSERVATION WELL
CU-86A**

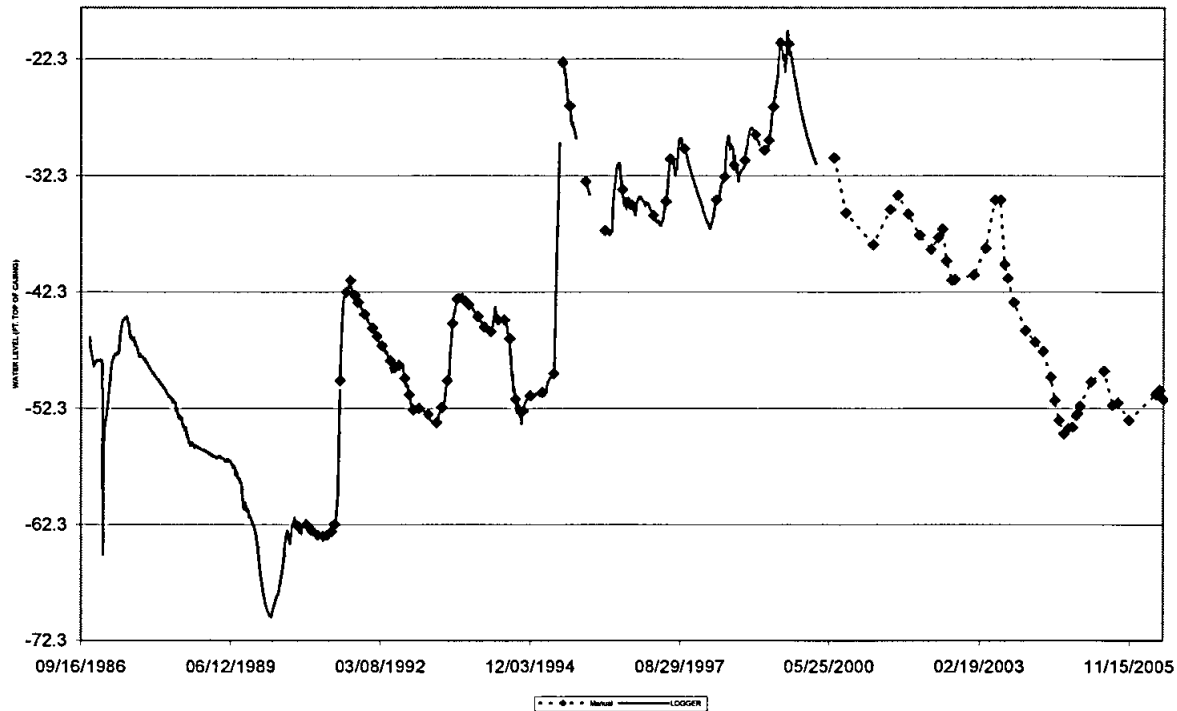


Figure 1. Hydrograph of Water Rights Observation Well Completed into the Precambrian aquifer located approximately 10 miles southwest of this well site.

Review of Existing Water Rights:

There are a number of domestic wells completed into the crystalline rock in this area and there are nine water rights/permits appropriating water from the aquifer within approximately two miles of this site. The water rights/permits are shown in table 1:

PERMIT NO	NAME	USE	CFS
1135-2	JOHN KINYON	COM	0.03
1811-2	BREEZE INC	COM	0.07
1849-2	TOWN OF KEYSTONE	MUN	0.56
2012-2	BAPTIST CAMP JUDSON	INS	0.04
2012A-2	BAPTIST CAMP JUDSON	INS	0.04
2344-2	MIKE VINTON	COM	0.04
2198-2	MINERAL TECHNOLOGY CORP	IND	0.33
2329-2	LITTLE GUYS LLC	COM	0.10
2500-2	TOWN OF KEYSTONE	MUN	0.22

Table 1. Groundwater appropriations within approximately two miles of 2588-2

The specific capacity of this existing well is reported to be 1.74 gpm/ft (Powell and others, 1973), so drawdown in the production well should only be 25-26 feet at a pump rate of 0.10 cfs. Since the porosity of the Crystalline aquifer is small, 0.03-0.10, (Driscoll and others, 2002) the cone of influence from a pumped well, may extend over a fairly widespread area. The nearest

appropriation not belonging to Mount Rushmore, 2500-2, Town of Keystone, is located about one mile northeast of this well site. It is unlikely that interference between the Mt. Rushmore well and area wells would be significant due to the distance between wells and the relatively low diversion rate proposed by this application.

In addition, ARSD 74:02:04:20(6) defines an adequate well as a well constructed to allow the inlet to the pump to be placed not less than 20 feet into the saturated aquifer. An adversely impacted domestic well is defined by ARSD 74:02:04:20(7) as a well in which the pump intake was set at least 20 feet below the top of the aquifer and the water level of the aquifer has declined to a level that the pump will no longer deliver sufficient water for the well owner's needs. Since the porosity of the Crystalline aquifer is low, 20 feet of saturated thickness may not be sufficient for a well to be a reliable water supply. In other words, in this hydrogeologic setting, wells that are "adequate" by definition may not be reliable water supplies. Under these circumstances it can be argued that, any measurable interference (drawdown), from a competing well is actually an adverse impact. However, with natural water level fluctuations in this aquifer measured in excess of 50' at the Water Rights' Observation well; well interference of a few feet could be considered insignificant.

Conclusions:

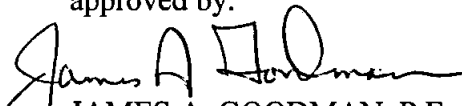
1. The Precambrian aged Crystalline Rock is a viable aquifer in this area.
2. The aquifer is unconfined and interference is not expected to be a concern.
3. The source aquifer for the spring authorized by U.S. Withdrawal No. 596-2 and the existing well that is to be used for this appropriation is the same.



KEN BUHLER

Natural Resource Engineer

approved by:



JAMES A. GOODMAN, P.E.
Natural Resources Engineer

REFERENCES:

Driscoll, D.G., Carter J.M., Williamson, J.E., and Putnam, L.D., 2002, Hydrology of the Black Hills Area, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 02-4094, 1503 p.

Powell, J.E., Norton, J.J, Adolphson, D.G., 1973, Water Resources and Geology of Mount Rushmore National Memorial, South Dakota, Geological: Geological Survey Water-Supply Paper 1865, 50 p.

Water Rights, 2006a, Domestic Well Logs, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD.

Water Rights, 2006b, Observation Well Files, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD.

Water Rights, 2006c, Water Permit/Right Files, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
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. 2588-2, Mount Rushmore National Memorial**

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. 2588-2, Mount Rushmore National Memorial, c/o Gerard A. Baker, 13000 Hwy 244, Bldg 31, Suite 1, Keystone SD 57751.

The Chief Engineer is recommending APPROVAL of Application No. ²⁵⁸⁸⁻²~~2589-2~~ 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.

Garland Erbele, Chief Engineer
August 7, 2006

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) SS
 County of Pennington)

I, Patricia K. Van Patten

certify that the attached printed Notice was
 taken

from the Rapid City Journal

printed and published in Rapid City

County of Pennington and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

August 16, 2006

August 23, 2006

Cost of Printing One hundred six dollars

and forty cents (\$106.40)

Patricia K. Van Patten
 (Signature)

Legal Advertising Rep.
 (Title)

08/23/06
 (Date Signed)

Aug. 16, 23

L2374608

**NOTICE OF
 APPLICATION NO. 2588-2
 TO APPROPRIATE WATER**

Notice is given that Mount Rushmore National Memorial, c/o Gerard A. Baker, 13000 Hwy 244, Bldg 31, Suite 1, Keystone, SD 57751, has filed an application for a water permit to appropriate an additional 0.07 cubic feet of water per second (cfs) and change the location of the diversion point authorized by U.S. Withdrawal No. 596-2. U.S. Withdrawal No. 596-2 appropriates 0.03 cfs from Rushmore Spring located in the SE¼SW¼ Section 7, T2S-R6E. This application proposes to amend the diversion point from the spring to one existing well completed into the Precambrian Crystalline Rock Aquifer (200 feet deep) located in the SE¼SW¼ Section 7, T2S-R6E. This application also requests appropriating an additional 0.07 cfs for a total diversion from the well of 0.10 cfs (45 gallons per minute).

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2588-2 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. 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 5, 2006.

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

RECEIVED

AUG 25 2006

WATER RIGHTS
PROGRAM

Instruction to Newspaper - Publish first Notice on August 16, 2006 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 2588-2 to Appropriate Water

Notice is given that the Mount Rushmore National Memorial, c/o Gerard A. Baker, 13000 Hwy 244, Bldg 31, Suite 1, Keystone SD 57751 has filed an application for a water permit to appropriate an additional 0.07 cubic feet of water per second (cfs) and change the location of the diversion point authorized by U.S. Withdrawal No. 596-2. U. S. Withdrawal No. 596-2 appropriates 0.03 cfs from Rushmore Spring located in the SE ¼ SW ¼ Section 7-T2S-R6E. This application proposes to amend the diversion point from the spring to one existing well completed into the Precambrian aged Crystalline Rock Aquifer (200 feet deep) located in the SE ¼ SW ¼ Section 7-T2S-R6E. This application also requests appropriating an additional 0.07 cfs for a total diversion from the well of 0.10 cfs (45 gallons per minute).

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 2588-2 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. 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 5, 2006.

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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
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 8, 2006

Mount Rushmore National Memorial
% Gerard A Baker
13000 Hwy 244 Bldg 31 Suite 1
Keystone SD 57751

Dear Mr. Baker:

Water Permit Application No. 2588-2 for commercial and recreation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Rapid City Journal printed at Rapid City, SD (Ph # 605-394-8300). 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 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. 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

cc: Blaine Foss, Mount Rushmore National Memorial

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**

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

August 8, 2006

Rapid City Journal
PO Box 450
Rapid City SD 57709-0450

ATTENTION: Legal Public Notice

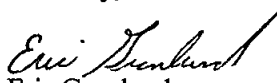
Enclosed is a Notice on Application No. 2588-2 to Appropriate Water to be published twice. Please publish the first notice on August 16, 2006 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

Please BILL the APPLICANT for the cost of publication. The APPLICANT is Mount Rushmore National Memorial, % Gerard A Baker, 13000 Hwy 244, Bldg 31, Suite 1, Keystone SD 57551 (Ph # 605-574-3117).

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. 2588-2

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

Date _____

We are in receipt of your letter of August 8, 2006 enclosing Notice to Appropriate Water by Application No. 2588-2 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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www.state.sd.us/denr

NOV 03 2006

Mt Rushmore National Memorial
% Gerard A Baker
13000 Hwy 244 Bldg 31 Suite 1
Keystone SD 57751

Dear Mr. Baker:

Enclosed is Water Permit No. 2588-2 authorizing 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.

Sincerely,

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

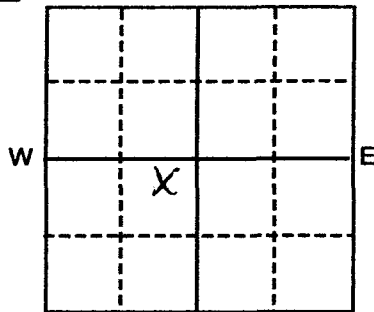
enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

2588-2

Location NE 1/4 SW 1/4 Sec 7 Twp 25 Rg 6ECounty Pennington

North

Please mark well
location with an "X"

Well Completion Date

June 16, 2010

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
1,000.0 ft. from Septic (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Rotary Downhole Hammer

CASING DATA:

☒ Steel ☐ Plastic ☐ Other
 If other describe 40' of 8" steel sch. 40

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	IN	0.0 FT	38.0 FT	12.00 IN
LB/FT	IN	38.0 FT	500.0 FT	8.00 IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Portland II	15	Lb/gal	38.0 Ft	0.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
through 1" trim pipe

SCREEN:

☒ Perforated pipe ☐ Manufactured
 Diameter 6.00 Inches Length 460.0 Feet
Material PVCSlot Size _____ Set From 500.0 Feet to 40.0 FeetOther information 460' liner - 240' of perf pipe staggered from bottom

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? w/chlorine solution☐ No, Why Not?Lab to which water
quality sample sent for analysisWell Owner: Mt. Rushmore National Memorial

Business Name:

Address: 13000 Hwy 244, Bldg 31, Ste 1City, State, Zip: Keystone SD 57751

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Drift	0	35
Brown Punky Schist	35	77
Fracture 1 1/2 gpm	77	78
Quartz	78	90
Fracture 2 gpm	90	92
Quartz	92	108
Brown Schist Fracture 8 gpm	108	110
Brown Schist	110	125
Grey Schist /some brown	125	217

STATIC WATER LEVEL 22.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow 40.0 through _____ Inch pipeControlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe: w/air☐ Bailed☐ Other

Pumping Level Below Land Surface

_____ Ft. After _____ Hrs. pumped _____ GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

See attached sheet with additional formation information.

RECEIVED

OCT 26 2010

WATER RIGHTS
PROGRAMThis well was drilled under license # 324 and this
report is true and accurate.Drilling firm: Alexander Drilling Inc.

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 10/25/2010

MT. RUSHMORE N.M.

Well Log Formation Continued

Well Owner: Mt. Rushmore

Well Completed: 6/16/10

<u>Formation</u>	<u>From</u>	<u>To</u>
Quartz Fracture 10gpm	217	220
Grey Schist	220	310
Fracture 11 gpm	310	311
Brown Schist	311	326
Fracture 17-18 gpm	326	337
Schist	337	345
Fracture 40gpm	345	355
Hard Grey Schist	355	408
Broken Brown Schist	408	415
Brown Schist	415	431
Fracture 40+ gpm	431	432
Hard Grey Schist	432	500



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

JUN 21 2017

2736-2
2588-2

Mt. Rushmore National Memorial
c/o Cheryl Schreier
13000 Hwy 244
Bldg 31, Suite 1
Keystone SD 57751

Dear Ms. Schreier:

Enclosed is Water License No. 2736-2. This is the final water right document completing your process of obtaining a Water Right. Also, included with your license is a map prepared by the staff engineer who conducted the 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. 2736-2, 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

Note: The applicable portions of No. 2588-2 are incorporated into Water License No. 2736-2.

enclosures