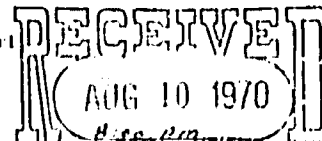


Water Right Number 1035-2

1. Considered September 9, 19 70
2. Name of Applicant National Park Service, Western Service Center, Water Resources Section
3. Post Office Address 450 Golden Gate Ave., P.O. Box 3605, San Francisco, Calif.
% Supt. Badlands National Monument, Interior, S.D.
4. Amount of water claimed 0.22
5. Source of water supply Four (4) wells
6. Water to be used for Municipal
- Acres to be irrigated --
7. Water to be diverted and used in Washabaugh County
about 2E 33 Miles of Interior
8. Proof of Publication Received 125
Not received _____
9. Application Approved _____
Subject to _____
Not approved _____
Action deferred _____

10. Remarks:

No. 1235-2Map No. 288-897-2Water Division No. 2 WHITE RIVER District
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

To Appropriate Water within the State of South Dakota

(NOTE: Draw a line through items not applicable)

1. Name of Applicant NATIONAL PARK SERVICE, WESTERN SERVICE CENTER, WATER RESOURCES SECTION
 Postoffice address 450 GOLDEN GATE AVE, PO BOX 36025 State SAN FRANCISCO, CALIF 94102
 If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) CONTRACT
3. Name of diversion work WHITE RIVER WATER SYSTEM, BADLANDS NATIONAL MONUMENT
4. Amount of water claimed (cubic feet per second) 0.228CFS (100GPM)
5. Source of water supply FOUR (4) WELLS
6. Location of point of diversion SECTION 15, T43N, R39W, 6th PM

County WASHABAUGH

7. Annual period or periods during which water is to be used JANUARY 1 TO DECEMBER 31
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) MUNICIPAL
9. For irrigation use, _____ Total number of acres to be irrigated _____

List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system PRESENTLY COMPLETE years. Additional time required to complete application of water to the proposed beneficial use _____ years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication RAPID CITY DAILY JOURNAL
12. Principal Features of the Proposed water Supply System

A. Works proposed to divert water from its natural source.

FOUR (4) WELLS WERE DRILLED TO A DEPTH OF 30 FEET; ALL FOUR WELLS ARE TIED INTO A SINGLE WATER SYSTEM.

B. Works proposed to transport water to place of use.

APPROXIMATELY 1000' OF THREE INCH PIPELINE WAS INSTALLED, WHICH EXTENDS FROM THE WELL AREA, TO A RESERVOIR, TO A PUMPHOUSE LOCATED ON THE NORTH SIDE OF THE WHITE RIVER.

C. Works proposed to apply water to beneficial use.

FROM THE PUMPHOUSE, THE WATER IS PUMPED TO THE VARIOUS FACILITIES WITHIN THE MONUMENT AREA WHICH INCLUDE THE FOLLOWING: MONUMENT HEADQUARTERS, VISITOR CENTER, CONCESSION FACILITIES, EMPLOYEE HOUSING AND A CAMPGROUND

Estimated Total Cost \$ \$35,000.00

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

(See instructions concerning preparation.) NOTHING HEREIN CONSTITUTES A WAIVER OF THIS RIGHT OR ANY OTHER RIGHT WHICH MAY BE VESTED IN THE NAME OF THE UNITED STATES OF STATE OF SOUTH DAKOTA) AMERICA.

Bernard S. Witucki

the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend and am able to complete the necessary construction

Signed C. CourneSubscribed and sworn to before me this 5th day of August 19 70

Notary Public (or other qualified officer)

NOTARY PUBLIC IN AND FOR THE STATE OF CALIFORNIA

~~Maple NP-8842~~ App. NP 1035-2



Donald D Hoffman
Registered Land Surveyor #67

John Shipe Notary Public

Supt., Pine Ridge Agency"

at 11:15 o'clock 17 M and recorded in
Field Book No. 1
Station of the

WATER RIGHT APPLICATION APPROVAL

The Water Resources Commission hereby approves Water Right Application No. 1035-2

NATIONAL PARK SERVICE, BADLANDS NATIONAL MONUMENT INTERIOR
(Applicant) (Post Office Address)

SOUTH DAKOTA
(State)

With the following modifications:

Date of first receipt of application AUGUST 10, 19 70

Date of return to applicant for correction, amendments or charges required —, 19 —

Date of receipt of corrected application —, 19 —

Approved SEPTEMBER 9, 19 70, Recorded in Book 11 Page 185

WATER RIGHT PERMIT NO. 1035-2

The Water Resources Commission hereby grants and issues this Water Right Permit No. 1035-2 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is AUGUST 10, 19 70
2. The equivalent of at least one-fifth of the work above specified is ~~to be~~ completed —
3. The whole of said work is ~~to be~~ completed —
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is COMPLETED
5. The water appropriated shall be used for the purpose of INSTITUTIONAL

6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

7. The amount of the appropriation herein granted shall not exceed .22 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for ~~beneficial use~~ and if for the irrigation purpose said appropriation must be limited to not more than 2 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per acre of time for each acre of land to which water is USED FOR INSTITUTIONAL PURPOSES WAS actually and beneficially ~~applied for irrigation~~ applied on or before THIS DATE said water to be used during the following described annual period: CONTINUOUSLY

Witness my hand this 21ST day of SEPTEMBER, 19 70

WATER RESOURCES COMMISSION

By:

[Signature]
Chief Engineer, Executive Officer

Certificate of Construction Issued JUNE 10, 19 71

Water License Issued JUNE 10, 19 71

THE FOLLOWING INFORMATION IS APPLICABLE FOR ALL FOUR (4) WELLS:

12. Principal Features of the Proposed Water Supply System (continued.)

D. Well Information or Estimates

- (1) Drill Hole, Diameter 30", Depth 33 FEET
- (2) Casing, Type CONCRETE (wood, concrete, steel, etc) Diameter 24" Thickness
- (3) Perforated Screen.
Type , Diameter , Length
- (4) Gravel Pack, Thickness 9", Length of gravel pack 15 FEET

E. Dugout Information or Estimates.

- (1) Surface dimensions , Depth

F. Fill out for Either a Well or a Dugout.

- (1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials ALLUVIAL DEPOSITS, CONSIST OF UNCONSOLIDATED GRAVEL, SAND, SILT AND CLAY. THE GRAVEL, WHICH OCCURS MOST ABUNDANTLY AT THE BASE OF THE ALLUVIAL IS A HIGHLY PERMEABLE AQUIFER; THE GRAVEL SEEMS TO BE

ASSOCIATED WITH AN ELONGATED DEPRESSION IN THE BEDROCK THAT IS A FORMER CHANNEL OF THE WHITE RIVER.

Depth to top of water bearing material 15 FEET

Depth to bottom of water bearing material 30 FEET

Thickness of water bearing material 15 FEET

Depth to water (ground surface to water level) 5.7 FEET

- (2) Distance to nearest existing household or livestock watering wells.

* On same owner's property 18.2 rds. On property owned by others rds.

G. Water Storage Dams.

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

- * UNDERGROUND RESERVOIR--CAPACITY: 500,000 GALLONS
THE WELLS ARE ON PRIVATE PROPERTY OWNED BY THE OGLALA SIOUX TRIBE FROM WHOM THE NATIONAL PARK SERVICE HAS OBTAINED A RIGHT OF WAY FOR THE WELLS; THE NEAREST EXISTING WELL IS USED FOR LIVESTOCK WATERING BY THE TRIBE.

GERARD S. WITUCKI
CHIEF, WATER RESOURCES SECTION
WESTERN SERVICE CENTER
NATIONAL PARK SERVICE

Gerard S. Witucki
Signature of Applicant

43-39-15ad0

Well 1

<u>Material</u>	<u>Thickness (feet)</u>	<u>Depth (feet)</u>
Clay, silty-----	2	2
Sand, fine to coarse, gravelly-----	8	10
Sand, coarse, very gravelly-----	7	17
Clay, silty to sandy-----	2	19
Gravel, coarse to bouldery, well rounded (clay stringer approximately 6 inches thick at 21 and 24 feet)-----	6	25
Shale, grayish-blue-green-----	5	30

Note: Installed plug with 2 ft blank casing then 10 ft of perforated cone screen and 18 ft of blank casing, gravel packed.

43-39-15ad01

Well 2

Clay, silty-----	4	4
Sand, fine to very fine, silty-----	6	10
Sand, coarse; gravel, medium to coarse-----	15	25
Shale, grayish-blue-green, 5 EG 6/6-----	5	30

Note: Installed plug with center hook, 2 ft casing, 10 ft of screen, 18 ft of casing, gravel packed to top.

43-39-15ad02

Well 3

Clay, silty to sandy-----	5	5
Sand, fine to coarse, silty-----	6	11
Gravel, coarse; sandy, well rounded-----	8	19
Sand, coarse-----	1	20
Gravel, coarse, sandy-----	4	24
Shale, grayish-blue-green-----	5	29

Note: Installed plug, 2 ft of blank, 10 ft screen, and 18 ft of blank casing, gravel packed.

43-39-15dab2

Well 4

Clay, silty to sandy-----	3	3
Sand, medium, silty-----	4	7
Sand, medium to coarse-----	5	12
Sand, coarse, uniform, clayey-----	5	17
Gravel, medium to coarse, sandy, cemented in places-----	6	23
Shale, grayish-blue-green-----	7	30

Note: Installed plug, 2 ft of blank, 10 ft of perforated, and 18 ft of blank lap joint concrete casing.

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 1035-2

(1) WHEREAS, On the 10th day of August A. D. 19 70
National Park Service (Badlands National Monument)

made Water Right Application No. 1035-2 for a permit to use .22 cubic feet per second of the waters
of ground water

County of Jackson, State of South Dakota, for institutional
purposes; and

(2) WHEREAS, On the 21st day of September A. D. 19 70
Permit No. 1035-2, with a date of priority of August 10, 1970

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 21st day of September A. D. 19 70 and for the
application to beneficial use of said water on or before the 21st day of September A. D. 19 70

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert .22 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent.

water is used in Monument headquarters and lodge, residences, camping areas.

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to National Park Service (Badlands National Monument)

83 of Interior, S.D.

the holder _____ and owner _____ of said permit No. 1035-2 a water right, dating from August 10, 1970 to use of .22 cubic feet per second of the waters of ground water

in the County of Jackson and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at at four wells in the NE1/4 NE1/4, Section 15, T43N, R32W.

and conduct to ~~xxxxxx~~ headquarters, lodge, residences and camping areas.

for the purpose of institutional use.

Subject to any limitations listed in Water Right Permit No. 1035-2 and subject to the laws of the State of South Dakota

WITNESSE My hand and seal of our office at Pierre, South Dakota
this 10th day of June

Nineteen Hundred and Seventy-Six

WATER RESOURCES DIVISION

in

Chief Engineer, Department of Water, 127. 12761

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to National Park Service (Badlands National Monument)

_____ of Interior, S.D.

the holder _____ and owner _____ of said permit No. 1035-2 a water right, dating from August 10, 1970

_____ to use of .22 cubic feet per second of the waters of ground water

in the County of Jackson and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at at four wells in the NE 1/4 NE 1/4, Section 15, T43N, R39W.

and conduct to ~~xxxxxx~~ headquarters, lodge, residences and camping areas.

for the purpose of institutional use.

Subject to any limitations listed in Water Right Permit No. 1035-2 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 10th day of June A. D.
Nineteen Hundred and Seventy-One

WATER RESOURCES COMMISSION

By:

Chief Engineer, Executive Officer, J.W. GRIMES

Form 15.

Permit No. 1035-2

Water Diversion No. 2 WHITE RIVER Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That National Park Service (Badlands National Monument)

_____ the holder _____ of
Permit No. 1035-2, issued upon Application No. 1035-2, bearing date of priority of August 10,
1970 authorizing the diversion of .22 cu. ft. per second of the waters of _____
ground water County of Jackson, State of South Dakota at _____
four wells located in the NE 1/4 NE 1/4, Section 15, T43N, R39W

_____ for institutional
_____ purposes, has _____ complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use .22 cu. ft. per second of water.

Date June 10, 1971

WATER RESOURCES COMMISSION

By:

J.W. GRIMES, Executive Officer

Publish first publication, on or before August 13, 1970NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

August 10, 1970

Notice is hereby given that National Park Service (Badlands National Monument)
whose post office address is Interior, South Dakota, has made an application in accordance
with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use
.22 cubic feet of water per second of time from the ground water through the
Badlands National Monument
Wells, the point of diversion of which is to be located in the _____

NE $\frac{1}{4}$ NE $\frac{1}{4}$

of Section 15, Twp. 34N, Range 39W. Said water to be used for the purpose
of providing ~~in the monument~~ supplies for operation of the Monument headquarters and related facilities

This application No. 1035-2 will be considered by the Water Resources Commission at their office at
Pierre upon the 9th day of September, 1970, at 2:00 P. M. All interested
persons may appear and be heard.

WATER RESOURCES COMMISSION

By:

BURTON F. JONES, Water Rights Specialist

cc: Superintendent, Badlands National
Monument, Box 72, Interior, South Dakota

RECEIVED
BACKLANDS
National Monument
— SEP 4 1970

No

STATE OF SOUTH DAKOTA)
County Jackson) ss.

'certify that the annexed printed copy of Notice of Intent to Appropriate

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

County of Jackson and State of South Dakota;
that the said notice was published in said newspaper on the following
four dates: 3/20/20

Thursday, September 3, 1970

(Date Signed)

Dist.	Action	Info	Init.
Sup.			
Adm. Off.			
Chf. Rgr.			
Chf. Hist.			
Chf. Aides			
S. Pl. Rgr.			
Pk. Rgr.			
T. Ill.			
S. C.			

INTENT TO APPROPRIATE WATER
 Notice is hereby given that the National Park Service (Bureau of National Monuments) whose principal office is at Interior, South Dakota, has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 22 cfs of water per second of time from ground water through the Badlands National Monument which is located in the NE 1/4 of Section 16, Twp. 34N., Range 22W. Said water to be used for the purpose of providing supplies for operation of the Monument headquarters and related facilities.
 The application No. 015-2 will be considered by the Water Resources Commission at their office at Pierre upon the 9th day of September, 1970, at 2:00 p.m. All interested persons may appear and be heard.
WATER RESOURCES COMMISSION
 By: Burton F. Jones
 Water Rights Specialist
 Pub. (Aug. 13-20-27 - Sept. 3

RECEIVED
SEP 18 1970

STATE WATER RESOURCES COMMISSION
PIERRE, SOUTH DAKOTA

Permit No. 1035-2Water Division 2 WHITE RIVER Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: Water Resources Commission, State Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by NATIONAL PARK SERVICE
BADLANDS NATIONAL MONUMENT of INTERIOR holderof Permit No. 1035-2, bearing date of priority of AUGUST 10, 1970authorizing the diversion of .22 cu. ft. per second of the waters of GROUND WATERfor INSTITUTIONAL purposes, in JACKSON County.

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

The Water Use System consists of,

A. Works used to divert the water:

3 WELLS 30' DEEP, ONE WELL 29' DEEP ALL
WITH 24" CASING - MOUNTED WITH 3" BARNES
SUBMERSIBLE PUMPS MODEL 436T 200-10-3 W/
2 1/2 HP ELECTRIC MOTORS

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

TRANSITE
WATER PUMPED THRU 6" ~~PIPE~~ LINE TO 500,000
GALLON STORAGE, RE-PUMPED THRU 4" TRANSITE
LINE TO HEADQUARTERS W/ 4" REDA SUBMERSIBLE PUMP

C. Works used to apply water to beneficial use.

ALSO PUMPED TO ELEVATED STORAGE
OF 100,000 GALL. WATER DISTRIBUTED THRU 2" AND 1 1/2"
PLASTIC LINES TO LODGE, HOUSING, CABIN, CAMPING
AREASThe system is in the following condition: GOODThe point of diversion is located 4 WELLS LOCATED IN THE NE¹ NE⁴
SECTION 15, T43N, R39WThe works are capable of diverting and conveying to the place of use .22cu. ft. per second of water which is to be used for INSTITUTIONAL USE

Water has been put to beneficial use to the maximum extent as follows:

comprising a total of _____ acres of land.

Date

MAY 6, 1971Burton Jones
(Signature)WATER RIGHT SPECIALIST
WATER RESOURCES COMMISSION