



WATER-RIGHT DOCKET

Natural Bridges National Monument

Docket No: 3

WELL # 3

State Water Rights Documentation

07-02-1985: letter to area engineer from associate regional director regarding water user's claim forms

JUL 2 1985

L54 (RMR-MR)

Mr. Mark P. Page, Area Engineer
State of Utah
Natural Resources, Water Rights
453 South Carbon Avenue
P.O. Box 718
Price, Utah 84501

Dear Mr. Page:

Re: 99-88

Enclosed are the completed Water User's Claim forms as requested in your letter dated June 24, 1985.

We appreciate the assistance extended by you and your staff in this matter.

If you have any questions concerning these forms, please contact Ron Hermance at (303) 236-8645.

Sincerely,

(Sgd) Homer L. Rouse

Associate Regional Director, Park Operations
Rocky Mountain Region

Enclosure

bec:

Tom Lucke, Chief, Water Resources Branch, Fort Collins, CO, w/c enc. & inc.
RMR-MR, Hermance, w/c enc. & inc.

REHermance:njs:7/1/85:236-8645

Form 114
25M 4-63IN THE SEVENTH JUDICIAL DISTRICT COURT, IN AND FOR THE
COUNTY OF GRAND STATE OF UTAHIN THE MATTER OF THE GENERAL DETERMINATION
OF RIGHTS TO THE USE OF WATER, BOTH SURFACE
AND UNDERGROUND, WITHIN THE DRAINAGE AREA OF
THE COLORADO RIVER IN SAN JUAN, GRAND AND
UINTAH COUNTIES, UTAH, AND EXCLUSIVE OF THE
GREEN RIVER DRAINAGE.

STATEMENT OF WATER

USER'S CLAIM

CODE NO. SERIAL NO.

99 88

MAP NO.

NOTE: This blank is sent to you in accordance with Utah Law. The information called for herein will be used in connection with the adjudication of water rights on the above mentioned drainage area. All questions applicable to your claim must be answered fully, and one copy of this form must be filed with the Clerk of the District Court at Moab, Utah, within sixty (60) days from date of service of the attached Notice. A copy shall be filed with the State Engineer, State Capitol, Salt Lake City. Failure to file the attached Statement of the Water User's Claim with the Clerk of the District Court within the time stated will forever bar and estop you from asserting any right to the use of water from said drainage area.

1. Name of Claimant USA - National Park Service
P.O. Box 25287 Interest Claimed Full
Denver, Colorado 80225
2. Address Denver, Colorado 80225
3. Name of particular spring, spring area, stream, well, tunnel or drain from which water is diverted is Underground water - Well in San Juan County.
4. Priority date claimed Oct. 17, 1980 Date when water was first used
Date when work on diverting system was first begun _____ Date when diverting system was completed _____
Nature of work _____
5. Class of Right (Indicate by X):
(a) ☐ Right to surface water initiated by beneficial use before 1903 Claim No. _____
(b) ☐ Right to underground water initiated before 1935 Claim No. _____
(c) ☐ Right decreed by court, cite title of case _____
(d) ☒ Application filed, State Engineer's Office No. 55457 Cert. of App. No. Election
(e) ☐ Right acquired by adverse use prior to 1939 _____
6. Nature (Indicate by X), Amount, and Annual Period of Use (by month & day):
(a) ☒ Irrigation Sec. Ft. 0.02 from April 1 to October 31 (both dates incl.)
(b) ☐ Stockwatering Sec. Ft. _____ from _____ to _____ (both dates incl.)
(c) ☒ Domestic Sec. Ft. Inc. from January 1 to December 31 (both dates incl.)
(d) ☐ Municipal Sec. Ft. _____ from _____ to _____ (both dates incl.)
(e) ☒ Recreation (Visitors) Sec. Ft. Inc. from March 1 to October 31 (both dates incl.)
7. Direct Flow Appropriation (must be described with reference to U. S. Government Survey Corner)
(a) Point of diversion from spring, spring area, stream, well, tunnel, drain
S. 1950 ft. & W. 575 ft. from NW Cor. Sec. 6, T37S, R18E, SLB&M.
(b) Description of spring area _____
(c) Point of redirection or point of return to natural channel _____
(d) If flow is intermittently diverted, list by number or description, all rights involved _____
8. Where water is used for irrigation purposes:
(a) Area irrigated in legal subdivisions of land by 40-acre tract. (All sources of water for same land or lands must be described in each instance by name or claim number) Claims Used For Purpose Described:
99-37, 38, 88: 0.50 acs. NW 1/4 Sec. 31, T36S, R18E, SLB&M.

(b) Do you get water under a ditch owned by several users _____ If so, give names of all users and divisions of interest _____
9. Where water is used for Stockwatering:
(a) Number of each kind of stock watered _____
(b) All sources of water for same stock. (Describe by name or claim number) _____
10. Where water is used for Domestic:
(a) Number of families or their equivalent 99-37, 38, 88: 6 Families. All sources of water for same use.
(Describe by name or claim number) _____

11. Where water is used for Municipal Purposes:
- (a) Name of city or town supplied Population
 Number of families Quantity of water
12. Where water is used for a purpose not above enumerated:
- (a) Nature of Use Recreational (Visitors) Extent of Use
99-37,38,88; Water is used at Natural Bridge National Monument
to supply 75,000 visitors annually.
13. Appropriation for Storage Purposes:
- (a) Name of reservoir
 (b) Location of reservoir by legal subdivisions described by 40-acre tracts
 (c) Maximum capacity of reservoir in acre feet Year construction commenced
 Completed Water first used Is reservoir located on or off stream
 (d) Period of Storage from to (both dates incl.) Period of use from
 to (both dates incl.) Maximum area in acres inundated Max. depth in feet
 Average depth in feet Is reservoir drained each year Maximum number of fillings per
 year Is reservoir used for equalizing purposes If feeder canal is used, give maximum
 carrying capacity in sec. ft.
14. Diverting Works:
- (a) Surface water diverting dam: Material composed of
 Max. length Max. height Max. width at bottom Max. width
 at top
 (b) Underground water diverting works: Is well flowing or pump Depth of well
 Diameter of well Length of drain Width of drain Depth of drain
 Diameter of drain Length of tunnel Width of tunnel Height of tunnel
 Type of pump Capacity of pump
 (c) Surface and underground water conveying works: Length of ditch to first place of use Width of
 ditch at top Width of ditch at bottom Depth of water Grade of
 ditch per 1000 ft. Material through which ditch passes Maximum length of
 pipe line to first place of use Diameter of pipe line Grade of pipe line per
 1000 feet
15. The undersigned hereby enters his appearance and waives service of summons or other process.

STATE OF ~~UTAH~~ COLORADOCOUNTY OF Jefferson

} SS. (To be used if claimant is an individual)

being first duly sworn, upon oath deposes and says that he is the claimant
 whose name appears hereon, that he has read the foregoing statement of his claim and knows the contents thereof, that
 he has signed the same, and that the answers set forth therein are true to his best knowledge and belief.

Romer F. Rouse
 Signature of Claimant

Subscribed and sworn to before me this 28TH day of JUNE 1985

Mary Estlin Shammick
 NOTARY PUBLIC

STATE OF UTAH

COUNTY OF

} SS. (To be used if claimant is a corporation or an estate)

being first duly sworn, upon oath deposes and says that he is the
 of the above claimant, that he makes this certification on behalf of said
 claimant, that he has read the foregoing statement of claim and knows the contents thereof, and that he has signed the name
 of said claimant to said statement, that the answers set forth therein are true to his best knowledge and belief.

Subscribed and sworn to before me this day of 19.....

NOTARY PUBLIC



STATE OF UTAH
NATURAL RESOURCES
Water Rights

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dee C. Hansen, State Engineer

453 South Carbon Avenue • P.O. Box 718 • Price, UT 84501 • 801-637-1303

June 24, 1985

USA - National Park Service
P.O. Box 25287
Denver, Colorado 80225

Re: 99-88

Dear Sirs:

In lieu of Proof of Appropriation on Application No. 99-88, you executed an Election to File a Water Users Claim thereby requesting the State Engineer's Office to prepare a Statement of Water Users Claim in the pending general determination of water rights.

The enclosed Water Users Claims have been prepared by the Division of Water Rights to cover the proof on the above referenced application. Examine the claims carefully, and if you are in agreement with the information, please sign the three copies in the presence of a notary, and return the first two copies to this office within 15 days of the date hereon. Retain the third copy for your records.

Should you have any questions, please feel free to come into the Southeastern Utah Area Office located at 453 South Carbon Avenue, P.O. Box 718, Price, Utah 84501, or phone us at 637-1303. Thank you for your cooperation.

Sincerely,

A handwritten signature in cursive script, reading "Mark P. Page".

Mark P. Page
Area Engineer

Enclosure

MPP/mjk

FORM 152

A T T E N T I O N

THIS FORM IS TO BE USED ONLY WHEN WATER HAS BEEN PLACED TO FULL BENEFICIAL USE

BEFORE THE STATE ENGINEER OF THE STATE OF UTAH
ELECTION TO FILE WATER USER'S CLAIM

APPLICATION NO. 55457 (99-88)

STATE OF UTAH

COUNTY OF San Juan

Richard W. Ketcham for the United States of America being first duly sworn,
says that he is the owner of the above application; that the development
contemplated under this application has been completed and the water placed
to beneficial use.

In lieu of submitting "Proof of Appropriation" or "Proof of Change"
and receiving "Certificate of Appropriation" or "Certificate of Change", the
applicant hereby elects to file a "Statement of Water User's Claim" or an
"Amended Statement of Water User's Claim" in the pending GENERAL DETERMINATION
OF WATER RIGHTS; and the applicant requests that said statement be prepared by
the State Engineer and submitted for execution at an early date.

Richard W. Ketcham
APPLICANT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23rd DAY OF January
19 84.

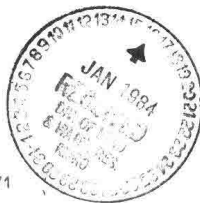
My Commission Expires September 22, 1995
205 West Oak, Fort Collins, CO 80521

Deborah Sue Pincock
NOTARY PUBLIC



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Water Rights

1636 West North Temple • Salt Lake City, UT 84116 • 801-533-6071



Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dee C. Hansen, State Engineer

December 28, 1983

United States of America
National Park Service
P.O. Box 25287
Denver CO 80225

Dear Applicant:

RE: Appl. No. 99-88 (A55457)
PROOF DUE DATE: February 28, 1984

To appropriate water in Utah or to change the point of diversion, place and nature of use of water, you must make application, receive approval, complete the intended development work and submit proof that the water has been put to beneficial use. Our records indicate that you have not made proof on your application. This is due on the date shown above.

In those areas in which general adjudication proceedings are pending and elections are authorized, the applicant can either:

1. Submit a satisfactory proof of appropriation;
or
2. Elect to file a statement of water user's
claim in lieu of proof of appropriation;
or
3. Request an extension of time.

Failure to complete one of the above three actions on or before the proof-due date shall cause the application to lapse.

If development is not complete, additional time may be allowed by completing the enclosed request for extension of time and submitting it in affidavit form on or before the proof-due date. Submission of a request for extension time does not assure that it will be granted. Extensions of time are granted only after the applicant has made a showing of diligence before the State Engineer. Also enclosed is an election to file a water user's claim form for submission in lieu of proof for submission if the project is complete.

Yours truly,

A handwritten signature in cursive script, reading 'Dee C. Hansen'.

Dee C. Hansen, P.E.
State Engineer

Encls: Forms 29 & 152
Certified Mail
eg

P R O O F D U E

Deputy State Engineer: Earl M. Staker Directing Engineers: Harold D. Donaldson • Donald C. Norseth
Stanley Green • Robert L. Morgan



Form 33

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF WATER RIGHTS

DEE C. HANSEN
STATE ENGINEER

EARL M. STAKER
DEPUTY

~~XXXXXXXXXXXX~~ 1636 W. N. Temple
~~XXXXXXXXXXXX~~ Room #220
~~XXXXXXXXXXXX~~ SLC, UT 84116
(801) 533-6071

DIRECTING ENGINEERS
HAROLD D. DONALDSON
DONALD C. NORSETH
STANLEY GREEN
ROBERT L. MORGAN

October 2, 1981

United States of America
National Park Service
P.O. Box 25287
DENVER CO 80225

Dear Applicant:

RE: APPROVED APPLICATION
NUMBER 55457 (99-88)

Enclosed find approved Application No. 55457 (99-88)
This is your authority to proceed with actual construction
work which, under Sections 73-3-10 and 73-3-12, Utah Code
Annotated, 1953, as amended, must be diligently prosecuted
to completion. The water shall be put to beneficial use
and proof of appropriation shall be made to the State Engi-
neer on or before February 28, 1984 otherwise, the
application shall lapse.

Failure on your part to comply with the requirements of the
statutes may result in forfeiture of this application.

Yours truly,

Earl M. Staker
For Dee C. Hansen, P. E.
State Engineer

cc

Encl.: Copy of Approved Application

APPLICATION APPROVED

Form 97 2M 10-70

Application No. 55457APPLICATION TO APPROPRIATE WATER
STATE OF UTAH99-88

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☒ Domestic ☒ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒
2. The name of the applicant is United States of America, National Park Service
3. The Post Office address of the applicant is P.O. Box 25287, Denver, Colorado 80225
4. The quantity of water to be appropriated 0.02 second-feet and/or _____ acre-feet
5. The water is to be used for Recreational (Visitors) from March 1 to October 31

(Major Purpose)	(Month)	(Day)	(Month)	(Day)
other use period <u>Domestic and Irrigation</u>	from <u>January 1</u>	to <u>December 31</u>		
(Minor Purpose)	(Month)	(Day)	(Month)	(Day)

and stored each year (if stored) from _____ to _____
(Month) (Day) (Month) (Day)
6. The drainage area to which the direct source of supply belongs is Colorado River
(Leave Blank)
7. The direct source of supply is* underground water
(Name of stream or other source)

which is tributary to _____, tributary to _____
*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in San Juan County, situated at a point*
in the NW $\frac{1}{4}$ SECTION 6, T37S, R18E at a point southeast 2,800 feet from the
southeast corner of SECTION 36, T36S, R17E, SLB&M SEE EXPLANATORY
(1 1/2 miles East of Natural Bridges Natl. Monument) Bears Ears Quar.

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of an 8 inch well 750 feet deep; pump;
pumphouse; pipeline; and 50,000 gallon storage tank
10. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____
area inundated in acres _____ legal subdivision of area inundated _____
11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
N $\frac{1}{2}$ SW $\frac{1}{4}$ SECTION 31, T36S, R18E, SLB&M

Total 2 1/3 Acres
12. Is the land owned by the applicant? Yes x No _____. If "No," explain on page 2.
13. Is this water to be used supplementally with other water rights? Yes x No _____.
If "yes," identify other water rights on page 2.
14. If application is for power purposes, describe type of plant, size and rated capacity. _____
15. If application is for mining, the water will be used in _____ Mining District at
the _____ mine, where the following ores are mined _____
16. If application is for stockwatering purposes, number and kind of stock watered _____
17. If application is for domestic purposes, number of persons _____, or families 6 permanent families
18. If application is for municipal purposes, name of municipality _____
19. If application is for other uses, include general description of proposed uses Water is used
at Natural Bridges National Monument to supply over 75,000 visitors annually
20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. SECTION 31, T36S, R18E, SLB&M
21. The use of water as set forth in this application will consume _____ second-feet and/or acre-
feet of water and _____ second feet and/ or acre feet will be returned to the natural
stream or source at a point described as follows: _____

Page No. 2

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

The water from this well will be used mainly as a back-up system for the well presently used and drilled under permit No. 36575

Nothing herein shall constitute a waiver or relinquishment by the United States of any rights they may have to the use of this water or any water in the State of Utah

Paragraph #8 continued: S. 1980 ft. & E. 1985 ft. from NW Cor. Sec. 6, T37S, R18E, SLB&M

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

UNITED STATES OF AMERICA, DEPARTMENT OF INTERIOR, NATIONAL PARK SERVICE

Kenneth R. Ashley

Signature of Applicant*

KENNETH R. ASHLEY, ASSOCIATE REGIONAL DIRECTOR, PARK OPERATIONS

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, }
County of..... } ss

On the day of, 19....., personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)

Notary Public

Flow rate — c.f.s.		Cost	plus \$5 for each cfs above the first cubic foot per second.
0.0	to 0.1	\$ 10.00	
over 0.1	to 0.5	20.00	
over 0.5	to 1.0	30.00	
over 1.0	to 15.0	30.00	
over 15.0		100.00	
Storage — acre-feet			
0	to 20	15.00	
over 20	to 500	30.00	
over 500	to 7500	30.00	plus \$5 for each 500 a.f. above the first 500
over 7500		100.00	acre feet.

RECEIVED

OCT 17 1980

WATER RIGHTS

RECEIVED

JAN 19 1981

WATER RIGHTS

(This section is not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

1. 10-17-80 Application received by mail in State Engineer's office by R.T.
2. over counter Priority of Application brought down to, on account of
3. Dec 2, 80 Application fee, \$15.00, received by SW Rec. No. 08710
4. Dec 17, 80 Application microfilmed by Roll No. 954-1
5. Dec 2, 80 Indexed by SW Platted by 1,0375-18E)6666
6. 2.0365-17E36 add 6-2-81 dw.
7. 1-16-81 Application examined by up
8. Application returned, or corrected by office
9. Corrected Application resubmitted by mail to State Engineer's office.
10. 1-16-81 Application approved for advertisement by up
11. MAY 7 1981 Notice to water users prepared by 10860
12. MAY 14 1981 Publication began; was completed MAY 28 1981
13. Notice published in San Juan Record
14. 5-19-81 Proof slips checked by up
15. Application protested by
16. June 5, 1981 Publisher paid by M.E.V. No. 634159
17. Hearing held by
18. Field examination by
19. 7-10-81 Application designated for approval up SG.
20. 10-2-81 Application copied or photostated by CO proofread by
21. 10-2-81 Application approved
22. 10-2-81 Application approved
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99. 10-2-81 Application approved
100. 10-2-81 Application approved

This Application is approved, subject to prior rights, as follows:

- a. Actual construction work shall be diligently prosecuted to completion.
- b. Proof of Appropriation shall be submitted to the State Engineer's office by 2-28-84
- c.

For Dee C. Hansen, P.E., State Engineer

21. Time for making Proof of Appropriation extended to
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No., issued

Application No. 55457

MARK P. PAGE
AREA ENGINEER

MPP/mjk

* U. S. GOVERNMENT PRINTING OFFICE: 1980-682-680/13

K1:Makeci-KMR-MH

MARK ALL PACKAGES AND PAPERS WITH CONTRACT AND/OR ORDER NUMBERS

1. DATE OF ORDER 10/15/80	2. CONTRACT NO. (if any) State Govt.	3. ORDER NO. PX-1200-1-0122	PAGE 1 OF 1
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4. ISSUING OFFICE

National Park Service, RMRO, 655 Parfet St., P.O. Box 25287, Denver, CO 80225

5. ACCOUNTING AND APPROPRIATION DATA

1272-7004-585-X-2500-4-\$20.00 (39K)

6. SHIP TO (Consignee and Address, ZIP Code)	National Park Service, DSC, Supply 11,000 W. 8th Ave., P.O. Box 25287 Denver, CO 80225	VIA Vendors Delivery
--	--	--------------------------------

7. TO CONTRACTOR (Name, Address, ZIP Code)	8. TYPE OF ORDER ☒ (a) Purchase Reference your _____ Please furnish the following on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated. This purchase is negotiated under authority of _____ 41 USC 252 (c)(3) ☐ (b) Delivery Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.
State of Utah Division of Water Rights Dept. of Natural Resources 231 East 400 South, Salt Lake City, UT 84111	

9. REQUISITION OFFICE	10. REQUISITION NO./PURCHASE AUTHORITY
-----------------------	--

11. F.O.B. POINT Destination	12. GOVERNMENT B/L NO. N/A	13. DELIVERY TO F.O.B. POINT ON OR BEFORE 30 Days ARO	14. DISCOUNT TERMS Net 30
--	--------------------------------------	---	-------------------------------------

15. SCHEDULE						
Item No. (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Unit Price (e)	Amount (f)	Quantity Accepted (g)
1	Filing of application for water rights at Natural Bridges National Monument	1	fee		\$20.00	

16. CLASSIFICATION	☐ SMALL BUSINESS	☒ OTHER THAN SMALL BUSINESS	☐ MINORITY BUSINESS ENTERPRISE	15. (h) Total from continuation pages
SEE BILLING INSTRUCTIONS ON REVERSE	17. SHIPPING POINT	18. GROSS SHIPPING WEIGHT	19. INVOICE NO.	
	20. MAIL INVOICE TO (Include ZIP Code) National Park Service, RMR-AF, 655 Parfet St., P.O. Box 25287, Denver, CO 80225			15. (i) GRAND TOTAL
21. UNITED STATES OF AMERICA BY (Signature)	22. NAME (Typed) Dave C. Munder Regional Purchasing Agent TITLE: CONTRACTING/ORDERING OFFICER			

ORDER FOR SUPPLIES OR SERVICES

147-107

STANDARD FORM 147 (REV. 2-77)
Prescribed by GSA FPMR (41 CFR) 101-11.6

Form 113-5M-12-60

Examined _____
 Recorded: B. C. _____ T. B. _____
 Inspection Sheet _____
 Copied _____

REPORT OF WELL DRILLER

STATE OF UTAH

Application No. Test Well
 Claim No. _____
 Coordinate No. _____

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah. (This report shall be filed with the State Engineer within 30 days after the completion or abandonment of the well. Failure to file such reports constitutes a misdemeanor.)

(1) WELL OWNER:
 Name Nat. Park Sch., Natural Bridge
 Address Blanding, Ut.
 County SAN JUAN Ground Water Basin _____
 (leave blank)
 North _____ East _____ feet from _____ Corner
 South _____ West _____
 of Section _____, T. _____ N. _____ E. S. _____
 out words not needed) _____ S. _____ W. _____

(3) NATURE OF WORK (check): New Well ☒
 Replacement Well ☐ Deepening ☐ Repair ☐ Abandon ☐
 If abandonment, describe material and procedure: _____

(4) NATURE OF USE (check):
 Domestic ☐ Industrial ☐ Municipal ☐ Stockwater ☐
 Irrigation ☐ Mining ☐ Other ☐ Test Well ☒

(5) TYPE OF CONSTRUCTION (check):
 Rotary ☐ Dug ☐ Jetted ☐
 Cable ☒ Driven ☐ Bored ☐

(6) CASING SCHEDULE: Threaded ☐ Welded ☒
 8" Diam. from 0 feet to 750 feet Gage. 322
 " Diam. from _____ feet to _____ feet Gage. _____
 " Diam. from _____ feet to _____ feet Gage. _____
 New ☒ Rejected ☐ Used ☐

(7) PERFORATIONS: Perforated? Yes ☒ No ☐
 Type of perforator used Touch
 Size of perforations 3/4 x 2 inches by _____ inches
 400 perforations from 540 feet to 750 feet
 20 perforations from 250 feet to 540 feet
 _____ perforations from _____ feet to _____ feet
 _____ perforations from _____ feet to _____ feet
 _____ perforations from _____ feet to _____ feet

(8) SCREENS: Well screen installed? Yes ☐ No ☒
 Manufacturer's Name _____
 Type _____ Model No. _____
 Diam. _____ Slot size _____ Set from _____ ft. to _____
 Diam. _____ Slot size _____ Set from _____ ft. to _____

(9) CONSTRUCTION:
 Was well gravel packed? Yes ☐ No ☒ Size of gravel: _____
 Gravel placed from _____ feet to _____ feet
 Was a surface seal provided? Yes ☒ No ☐
 To what depth? 20 feet
 Material used in seal: Concrete
 Did any strata contain unusable water? Yes ☐ No ☒
 Type of water: _____ Depth of strata _____
 Method of sealing strata off: _____

Was surface casing used? Yes ☐ No ☒
 Was it cemented in place? Yes ☐ No ☐

(10) WATER LEVELS:
 Static level 520 feet below land surface Date Same
 Artesian pressure _____ feet above land surface Date _____

LOG RECEIVED: (11) FLOWING WELL:
 Controlled by (check) Valve ☐
 Cap ☐ Plug ☐ No Control ☐
 Does well leak around casing? Yes ☐ No ☐

(12) WELL TESTS: Drawdown is the distance in feet the water level is lowered below static level.
 Was a pump test made? Yes ☒ No ☐ If so, by whom? Same
 Yield: 10 gal./min. with _____ feet drawdown after 24 hours
 " Recovered 534' in "2 1/2" hrs."
 " _____ " _____ " _____ "
 Bailor test _____ gal./min. with _____ feet drawdown after _____ hours
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? No ☐ Yes ☐

(13) WELL LOG: Diameter of well 8 inches
 Depth drilled 750 feet. Depth of completed well 750 feet.

NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combination of materials encountered in each depth interval. Under REMARKS make any desirable notes as to occurrence of water and the color, size, nature, etc., of material encountered in each depth interval. Use additional sheet if needed.

DEPTH	MATERIAL										REMARKS
	From	To	Clay	Silt	Sand	Gravel	Cobbles	Boulders	Hardpan	Conglomerate	
	0	8									Soil
	8	34									Br ss
	34	40									Hard Red ss
	40	52									Br, yellow ss
	52	86									Red ss hard
	86	92									R-B ss
	92	168									yellow-Br ss
	168	179									Red-Brown ss
	179	195									White ss
	195	210									Pink-grey ss
	210	258									White ss (water 240')
	258	273									White ss Red-Br
	273	299									Br-Gr ss
	299	330									Rd-Br ss
	330	345									yellow sand stone
	345	375									White ss
	375	382									Red ss
	382	395									4-grey ss
	395	557									Light Red ss
	557	565									White yellow ss
	565	580									Pink-grey ss
	580	597									grey-white ss
	597	604									Light Red ss
	604	614									White-Brown ss
	614	645									Red pink ss
	645	660									Br, white
	660	708									purple Br ss
	708	750									

Work started JAN 19, 1979 Completed MAY 6, 1979

(14) PUMP:
 Manufacturer's Name _____
 Type _____ H. P. _____
 Depth to pump or bowles _____ feet

Well Driller's Statement:
 This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.

Name The Well Supply Co. (Person, firm, or corporation)
 Address Boulder, CO. (Type or print)
 (Signed) Wm. H. Park (Well Driller)
 License No. 284 Date MAY 6, 1979

USE OTHER SIDE FOR ADDITIONAL REMARKS

DEE C. HANSEN
STATE ENGINEER

JOHN BENE
DEPUTY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114

(801) 533-6071
May 26, 1978

DIRECTING ENGINEERS
HAROLD D. DONALDSON
DONALD C. NORSETH
STANLEY GREEN

National Park Service
Rocky Mountain Regional Office
P.O. Box 25287
DENVER CO 80225

Issue Date: May 26, 1978
Expiration Date: November 26, 1978

Attention: William L. Mekeel RE: Two Test Wells

Gentlemen:

Reference is made to your request for permission to drill two test wells to be located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 21, T25S, R21E, SLB&M and in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 30, T36S, R18E, SLB&M.

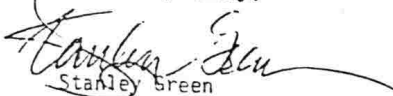
This letter grants you permission to proceed with the drilling with the understanding that small diameter casing be used and that no more water be diverted than is necessary to determine the availability of a good water supply. This letter in no way grants any permission to proceed with the diversion and use of the water from the test well for any purpose whatsoever.

Following the completion of the drilling and testing the casing is to be either pulled and the hole filled from the bottom to the top before the driller leaves the premises or capped until such time as proper filing has been made with the State Engineer and approval given.

The driller must be bonded and have a current permit from the State Engineer. Before starting, he must give this office notice of the day he will begin. Within 30 days after the well has been drilled or abandoned, he must file a well driller's report containing accurate and complete information regarding the work done, which is to become part of the files in this office pertaining to your test well.

This is permission for the licensed driller to begin drilling your test well. Note that the expiration date of this letter is November 26, 1978.

Yours very truly,


Stanley Green
Directing Appropriations Engineer

SG:lmv
cc: Well Driller
cc: Don Norseth
cc: Paul Maucher
cc: Mark P. Page

L54 (RMR)MW

MAY 4 1978

State of Utah
Department of Natural Resources
Water Resource Division
442 State Capitol Building
Salt Lake City, Utah 84114

Gentlemen:

It is requested the National Park Service be granted permission to drill test wells at Arches National Park and Natural Bridges National Monument.

The well which is presently used at Arches (Application 13619 (01-25)) has developed a fluctuatory production and we anticipate major problems may be encountered in the not too distant future. Consequently, we intend to explore the possibilities of a new ground water source by way of a test well approximately $\frac{1}{2}$ mile from the existing well. The test well will be drilled to an estimated depth of 150-200 feet in SW $\frac{1}{4}$, NW $\frac{1}{4}$ of Section 21, T.25S., R21E.

One of the two wells which had been used at Natural Bridges went dry in October 1975 and has never recovered, (Application 36105 (99-37)). In order to develop a standby system we intend to drill a test well to an estimated depth of 750-800 feet in the SW $\frac{1}{4}$, SE $\frac{1}{4}$ of Section 30, T.36S., R18E.

If further information is required, please do not hesitate to contact this office directly at the above address or telephone (303) 234-5987.

Sincerely Yours,

/s/ WILLIAM L. MEKEEL

William L. Mekeel
Chief, Division of Water Resources
Rocky Mountain Region

cc:
RMR-MW

Supporting Hydro Data

Ketchum 1/23

23 JAN 1984

L54 (479)
NABR/Water Rights

Memorandum

To: Regional Director
Rocky Mountain Region

From: Chief
Water Resources Branch - Ft. Collins

Subject: Water User's Claim Application Number 55437 (99-88) at Natural
Bridges

Attached is a copy of the subject claim. The original has been sent to the
Utah State Engineer for water rights.

This system was put into beneficial use two years ago to supplement our water
supply at Natural Bridges. The well will produce a sustained yield of 10
gallons per minute. One mile of water line was laid above ground to carry
this supply. Last year expansion and contraction of the joints caused many
leaks that must be corrected. The Denver Service Center has prepared a new
construction contract to eliminate this problem. The bids will be opened
March 20, 1984.

/sgd/ Thomas W. Lucke

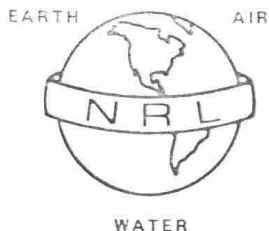
Thomas W. Lucke

Enclosure

cc: Superintendent, Canyonlands NP
Attn: Area Manager, Natural Bridges w/encl.
Asst. Manager NW/RMT, DSC w/encl.
0475 - Brown w/encl.

FNP:RKetchum:scp:1/23/84:221-5341:0123KET7.MM1

100 Simms Street
Lakewood, Colorado
Phone (303) 233-8155



Mailing Address:
P.O. Box 10702
Edgemont Branch
Golden, Colorado 80401

June 14, 1979
Job: 9D58
Order No.: PX-1200-9-0542

NATURAL RESOURCES LABORATORY, INC.

R. Hermance
National Park Service
655 Parfet St., P.O. Box 25287
Denver, Colorado 80225

ANALYSES	REPORT OF ANALYSES				
	START Hite 1a	PUMPED 2 1/2 HRS @ 48 G.P.M. Hite 1b	PUMPED 4 1/2 HRS @ 48 G.P.M. Hite 1c	Hite Tap	NATURAL BRIDGE NP PUMPED 22 HRS. @ 10 G.P.M. NB
Ag, mg/l	0.002	0.002	0.002	0.001	<0.001
Al, mg/l	<0.5	<0.5	0.5	<0.5	<0.5
As, mg/l	<0.002	0.005	0.006	0.002	<0.002
Ba, mg/l	<0.1	<0.1	<0.1	<0.1	<0.1
Be, mg/l	0.010	0.006	0.010	<0.002	0.002
Cd, mg/l	0.010	0.012	0.025	<0.001	<0.001
Ca, mg/l	200.	490.	520.	60.	64.
Cr, mg/l	0.001	0.001	0.001	0.001	0.001
Cu, mg/l	0.006	0.004	0.004	0.008	<0.001
Fe, mg/l	21.	20.	17.	<0.1	0.5
Hg, mg/l	0.0001	<0.0001	0.0001	<0.000	0.0001
K, mg/l	36.	29.	58.	3.5	5.7
Mg, mg/l	220.	250.	250.	23.	43.
Mn, mg/l	0.57	0.39	0.34	0.002	0.12
Na, mg/l	440.	710.	740.	68.	53.
Ni, mg/l	<0.040*	<0.040*	<0.040*	<0.001	<0.001
Pb, mg/l	0.290	0.280	0.320	0.001	0.001
Se, mg/l	<0.002	<0.002	<0.002	<0.002	<0.002
U, mg/l	<2.	2.	2.	5.	16.
Zn, mg/l	0.14	0.39	0.24	0.13	1.3
Alkalinity as CaCO ₃ mg/l	420.	720.	760.	130.	350.
Hardness as CaCO ₃ mg/l	1410.	2260.	2330.	250.	340.
CO ₃ , mg/l	N.D.	N.D.	N.D.	N.D.	7.
HCO ₃ , mg/l	510.	880.	920.	160.	410.
Cl, mg/l	700.	1200.	1300.	40.	15.

ANALYTICAL SERVICES AND RESEARCH

Simms Street
wood, Colorado
e (303) 233 8155



Mailing Address:
P.O. Box 10702
Edgemont Branch
Golden, Colorado 80401

Page 2

June 14, 1979
Job: 9D58
Order No.: PX-1200-9-0542

NATURAL RESOURCES LABORATORY, INC.

Analyses	Start Hite 1a	Pumped 2 1/2 Hrs. @ 48 G.P.M. Hite 1b	Pumped 4 1/2 Hrs. @ 48 G.P.M. Hite 1c	Hite Tap	NATURAL BRIDGES A.M. Pumped 22 Hrs. @ 10 G.P.M. NB
CN ⁻ , mg/l	**	**	<0.01	**	<0.01
F ⁻ , mg/l	1.3	1.3	1.2	0.3	0.3
NO ₂ as N, mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
NO ₃ as N, mg/l	0.01	0.06	0.06	0.63	0.12
pH	7.4	6.6	6.6	8.1	8.4
PO ₄ ³⁻ , mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
SO ₄ ²⁻ , mg/l	960.	1600.	1600.	190.	84.
Solids (filt) mg/l	3100.	5500.	5400.	510.	480.
Solids (nonfilt)	200.	100.	54.	<5.	<5.
T, umho/cm	4110.	6330.	6490.	719.	763.
Turbidity, JTU	440.	100.	76.	8.2	4.2

* Unable to determine at lower level due to interferences.
** Insufficient sample.

Thank you,

Carol Kleckner

Carol Kleckner
Environmental Chemist

ANALYTICAL SERVICES AND RESEARCH

Docket Information

Number of Documents in Docket 18
Documents Dated from 5/4/1978 to 7/2/1985
Docket Compiled: 5/27/2011