



WATER-RIGHT DOCKET

Canyonlands National Park

Docket No: 1

SALT CREEK WELL NO. 1.

Preliminary Docket Information

08-13-1993: note to the file; august 13, 1993

NOTE TO THE FILE

08/13/93
JSA

Needles Well No. 2 (Salt Creek Well No. 1) [NPS Docket= CANY 0001]

Application 36771 was filed in 1964 (0.111 cfs, for domestic and irrigation purposes). A 1982 memo (CANY to RMR) stated that the well supplied all culinary and other needs at residential/maintenance facilities at Squaw Flat. The memo also states that water was trucked from this source to the Squaw Flat Campground.

Change Application a-15752 was filed in 1990 to add a new well, Cave Spring Well. The problem with the original well was declining supply and impacts due to it's location within a flood wash area. The wording on the change application seems to maintain the original well as a diversion location (on the application, new points of diversion are described as "Same as Heretofore and..."). The location and name of the new well are not clear based on comparision of different maps on file at WRD. Cave Spring Well may also be called Salt Creek Well No. 2. It may be located ~1/4 mile or 1/2 mile to the west of Salt Creek Well No. 1.



United States Department of the Interior

NATIONAL PARK SERVICE

Water Resources Division
1201 Oak Ridge Drive, Suite 250
Fort Collins, Colorado 80525-5596

November 13, 1995

IN REPLY REFER TO:

L54(2380)

CANY/Water Rights

Mr. Mark Page, Area Engineer
State of Utah
Department of Natural Resources
Division of Water Rights
P.O. Box 718
Price, Utah 84501-0718

Re: Water User's Claim (Water Right 05-554 [a36771; a13013; a15752])

Dear Mr. Page:

Enclosed is the completed blue line original Water User's Claim form for Application No. 05-554 (a36771; a13013; a15752) in Canyonlands National Park. The National Park Service is submitting this form to complete the appropriation process.

As you are aware, the United States has not been joined pursuant to 43 USC 666 in the action to determine rights to the use of water within the drainage area of the Colorado River in San Juan, Grand, and Uintah Counties, Utah, and exclusive of the Green River drainage. The National Park Service submits this claim for the above-referenced water right as a matter of comity and reserves the right to change this claim or file other claims within this adjudication area upon proper joinder in the adjudication.

Please contact Chuck Pettee at (970) 225-3535 if you have any questions regarding this Water User's Claim.

Sincerely,

Acting for
Owen R. Williams
Chief, Water Rights Branch

Enclosure

cc: IMFA - Wise
CANY - Superintendent
DOJ - Walch
2380(cc:mail) - Kimball, Flora, Jackson, Kliwinski, Pettee (w/o enclosure)
bcc: Docket 1
FNP:DNewberry:mf:11/6/95:S:\WRB\DENISE\05-554

IN THE DISTRICT COURT OF THE SEVENTH JUDICIAL DISTRICT

IN AND FOR GRAND COUNTY, STATE OF UTAH

IN THE MATTER OF THE GENERAL DETERMINATION
OF RIGHTS TO THE USE OF ALL THE 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

Water Right No. 05 - 554

Civil No. 4477

Map No.

HOW TO USE THIS FORM:

This form is important to you in asserting your water rights in the pending judicial adjudication described above. Under Utah law, unless you file this form in a timely manner, your water rights cannot be recognized and you may not assert them further. The State Engineer has made a hydrographic survey of this area, which includes your water rights and uses. Your receipt of this form constitutes notice to you that the survey has been completed and that a signed Statement of Water User's Claim is due from you within 90 days. Review the information shown on this form carefully. If you agree with the information and accept it as your Statement of Water User's Claim, sign the form & return it to the Division of Water Rights in Price, Utah. The Division of Water Rights will file your Statement of Water User's Claim with the District Court in Moab, Utah. If you do not agree with the information, contact the above Division of Water Rights office to resolve the problem.

1. WATER RIGHT AND OWNERSHIP INFORMATION:

- A. NAME: USA National Park Service INTEREST: 100%
ADDRESS: P.O. Box 25287, Denver, CO 80225
- B. TYPE OF RIGHT: Application To Appropriate No. A36771, Water User's Claim
on which the following Change Application(s) have been filed:
Change Application No. a13013, Water User's Claim Signed
Change Application No. a15752, Water User's Claim
- C. PRIORITY DATE: November 23, 1964 PRIORITY OF CHANGE a13013: November 23, 1964
PRIORITY OF CHANGE a15752: November 23, 1964

2. SOURCE INFORMATION:

- A. QUANTITY OF WATER: 0.111 cfs
- B. DIRECT SOURCE: Underground Water Well
- C. POINTS OF DIVERSION -- UNDERGROUND:
(1) S 3380 feet W 601 feet from NE corner, Section 20, T 30S, R 20E, SLBM
WELL DIAMETER: 6 inches WELL DEPTH: 253 feet
(2) N 240 feet E 2700 feet from SW corner, Section 20, T 30S, R 20E, SLBM
WELL DIAMETER: 9 inches WELL DEPTH: 72 feet
- D. COUNTY: San Juan

3. WATER USE INFORMATION:

Water User's Claim

STATEMENT OF WATER USER'S CLAIM for Water Right: 05 - 554 continued*****

Page: 2

DOMESTIC: from Jan 1 to Dec 31. FAMILIES: 5 AND PERSONS: 100,000.

Canyonlands National Park

4. PLACE OF USE: (which includes all or part of the following legal subdivisions:)

BASE	TOWN	RANG	SEC	NORTH-WEST 1/4				NORTH-EAST 1/4				SOUTH-WEST 1/4				SOUTH-EAST 1/4			
				NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE
SL	30S	19E	26				■ ■ ■					■ ■ ■				■ ■ ■		X	
SL	30S	20E	19				■ ■ ■					■ ■ ■				■ ■ ■			X
			20	X			■ ■ ■					■ ■ ■				■ ■ ■			
			30			X	X	■ ■ ■				■ ■ ■				■ ■ ■			

5. CERTIFICATION OF CLAIM AND WAIVER OF SUMMONS:

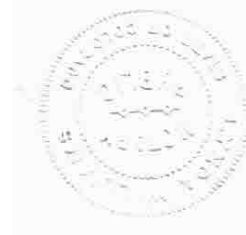
The undersigned hereby enters their appearance in this water adjudication proceeding and hereby waives service of summons or other process and waives service of the notice of completion as required by Sections 73-4-3 and 73-4-4 of the Utah Code Annotated, 1953 as amended.

STATE OF UTAH

COUNTY OF _____

} SS

The undersigned swears on oath that he makes and certifies this Water User's Claim either as the claimant himself or as the duly-authorized agent of the claimant, that he has read and knows the contents of the claim, that he signs the same, and that the information supplied therein is true to the best of his knowledge and belief.

Title: Acting Chief Water Rights
(Individual or Office)Chris A. Fetter
SignatureSubscribed and sworn to before me this 13th day of November, 19 95Commission expires: My Commission Expires May 13, 1998Lynne Williams
Notary Public



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Robert L. Morgan
State Engineer

Southeastern Area
453 South Carbon Avenue
P.O. Box 718
Price, Utah 84501-0718
801-637-1303

Docket
#1

October 18, 1995

USA National Park Service
Attn: Daniel J. McGlothlin
P.O. Box 25287
Denver, Colorado 80225

Re: Water Right 05-554 (A36771; a13013; a15752)

Dear Mr. McGlothlin:

In lieu of Proof of Appropriation on the above referenced water right, an Election Form was submitted to our office, thereby requesting the State Engineer's Office to prepare a Statement of Water User's Claim in the pending general determination of water rights.

The enclosed Water User's Claims have been prepared to cover the Proof on the above referenced application. Examine the claims carefully, and if you are in agreement with the information, sign the forms in the presence of a Notary Public. Please send the blue line original to our office in Price. The black line copy is for your records.

Should you have any questions, feel free to contact 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
Regional Engineer

Enclosures
MPP/mjk



January 19, 1994

L54(479)
CANY/Water Rights

Mr. Mark Page, Area Engineer
State of Utah
Department of Natural Resources
Division of Water Rights
P.O. Box 718
Price, Utah 84501-0718

Re: Election to File Water User's Claim (Application 05-554,
a15752)

Dear Mr. Page:

Enclosed is the completed Election to File a Water User's Claim form for Application No. 05-554 (a15752) in Canyonlands National Park. The National Park Service is submitting this form to complete the appropriation process.

As you are aware, the United States has not been joined pursuant to 43 USC 666 in the action to determine rights to the use of water within the drainage area of the Colorado River in San Juan, Grand, and Uintah Counties, Utah, and exclusive of the Green River drainage. The National Park Service submits this claim for the above-referenced water right as a matter of comity and reserves the right to change this claim or file other claims within this adjudication area upon proper joinder in the adjudication.

Please contact Chuck Pettee at (303) 225-3535 if you have any questions regarding this Election to File a Water User's Claim.

Sincerely,

Owen Williams

Owen R. Williams
Chief, Water Rights Branch

Enclosure

cc: RMR - Wise
CANY - Superintendent
DoJ - Walch
479 - Johns (w/o enclosure)
bcc: Docket 1
FMP:DNEWBERRY:ms:(303)225-3506:01/18/94:B:UTAH



UTAH
NATURAL RESOURCES
Water Rights
1636 West North Temple • Suite 220 • Salt Lake City, UT 84116-3156 • (801) 538-7240

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

ATTENTION: THIS FORM TO BE USED ONLY WHEN WATER HAS BEEN PLACED TO FULL BENEFICIAL USE.

APPLICATION NO. 05-554 (a15752) Applicant's present address: USA National Park Service
P.O. Box 25287
STATE OF UTAH Denver, CO 80225
COUNTY OF San Juan

Daniel J. McGlothlin represents
being first duly sworn that he or she is the owner of the above numbered 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.

Daniel J. McGlothlin
Supervisory Hydrologist, Water Rights Branch
APPLICANT (If a corporation, give title of officer signing.)

Subscribed and sworn to before me this 27th day of January, 19 94.

Lynnda Williams
NOTARY PUBLIC

My Commission Expires May 13, 1996



Norman H. Bangert
Governor
Dee C. Hansen
Executive Director
Robert L. Morgan
State Engineer

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

1636 West North Temple, Suite 220
Salt Lake City, Utah 84116-3156
801-538-7240

RECEIVED

NOV 07 1990

DSC
Contract Administrator

October 19, 1990

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

Dear Applicant:

RE: APPROVED CHANGE APPLICATION
NUMBER 05-554 (a15752)

Enclosed is a copy of approved Change Application No. 05-554 (a15752). This is your authority to proceed with the actual construction work which under Section 73-3-10 and 73-3-12, Utah Code Annotated, 1953, as amended, must be diligently prosecuted to completion. The water must be put to beneficial use and proof of appropriation be made to the State Engineer on or before February 28, 1994, otherwise, the application will be lapsed.

Proof of change is evidence to the State Engineer that the water has been placed to its full intended beneficial use. By law, it must be prepared by a registered engineer or land surveyor, who will certify to the location and the uses for the water. Your proof of change will become the basis for the extent of your water right.

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

Your contact with this office, should you need it, is with the Area Engineer, Mark Page. The telephone number is (801)637-1303.

Sincerely,

Robert L. Morgan, P.E.
State Engineer

RLM:jb

Encl.: Copy of Approved Change Application

STATE ENGINEER'S ENDORSEMENT

CHANGE APPLICATION NUMBER: a15752

WATER RIGHT NUMBER: 05 - 554

1. July 18, 1990 Change Application received by MP.
2. July 18, 1990 Priority of Change Application.
3. July 27, 1990 Application reviewed and approved for advertising by MP.
August 22, 1990 Publication began in San Juan Record.
October 9, 1990 Publication completed and verified by LK.
4. October 5, 1990 End of protest period.
Application protested: NO
5. October 10, 1990 Application designated for APPROVAL by MP and KLJ.
6. Comments:

Conditions:

This application is hereby APPROVED, dated October 19, 1990, subject to prior rights and the following conditions:

- a. Actual construction work necessitated by proposed change shall be diligently prosecuted to completion.
- b. Proof of change shall be submitted to the State Engineer's Office by February 28, 1994. *or election*


Robert L. Morgan, P.E.
State Engineer

Time for making Proof of Change extended to _____

Proof submitted _____

APPLICATION FOR PERMANENT CHANGE OF WATER

RECEIVED

JUL 30 1990

STATE OF UTAH

WATER RIGHTS
PRICE

Rec. by

JUL 18 1990

Paid \$

Receipt #

Roll #

For the purpose of obtaining permission to make a permanent change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-3 Utah Code Annotated 1953, as amended.

RUSH LETTER REQUESTED

*WATER RIGHT NO. 05-554 *APPLICATION NO. a-15752

Changes are proposed in (check those applicable)

☒ point of diversion. ☒ place of use. _____ nature of use. _____ period of use.

1. OWNER INFORMATION

Name: USA National Park Service *Interest: 100 %

Address: P.O. Box 25287

City: Denver State: Colorado Zip Code: 80225

2. *PRIORITY OF CHANGE: July 18, 1990 *FILING DATE: July 18, 1990

*Is this change amendatory? (Yes/No): No

3. RIGHT EVIDENCED BY: 05-554 (A36771; a-13013)

Prior Approved Change Applications for this right: a-13013

***** HERETOFORE *****

4. QUANTITY OF WATER: 0.111 cfs and/or _____ ac-ft.
 5. SOURCE: Underground Water Well
 6. COUNTY: San Juan
 7. POINT(S) OF DIVERSION: S. 3380 ft. & W. 601ft. from NE Cor. Sec. 20, T30S, R20E, SLB&M.

Description of Diverting Works: 6-inch diameter, 253 feet deep

8. POINT(S) OF REDIVERSION

The water has been rediverted from _____ at a point: _____

Description of Diverting Works: _____

9. POINT(S) OF RETURN

The amount of water consumed is 0.111 cfs or _____ ac-ft.

The amount of water returned is _____ cfs or _____ ac-ft.

The water has been returned to the natural stream/source at a point(s): _____

*These items are to be completed by the Division of Water Rights.

Permanent Change

10. NATURE AND PERIOD OF USE

Irrigation: From _____ to _____
 Stockwatering: From _____ to _____
 Domestic: From January 1 to December 31
 Municipal: From _____ to _____
 Mining: From _____ to _____
 Power: From _____ to _____
 Other: From _____ to _____

11. PURPOSE AND EXTENT OF USE

Irrigation: _____ acres. Sole supply of _____ acres.
 Stockwatering (number and kind): _____
 Domestic: 5 Families and/or _____ Persons. Canyonlands National Park 100,000 Visitors/year
 Municipal (name): _____
 Mining: _____ Mining District in the _____ Mine.
 Ores mined: _____
 Power: Plant name: _____ Type: _____ Capacity: _____
 Other (describe): _____

12. PLACE OF USE

Legal description of place of use by 40 acre tract(s): SE 1/4 NW 1/4 Sec. 30, T30S, R20E, SLB&M.

13. STORAGE

Reservoir Name: _____ Storage Period: from _____ to _____
 Capacity: _____ ac-ft. Inundated Area: _____ acres.
 Height of dam: _____ feet.
 Legal description of inundated area by 40 tract(s): _____

***** THE FOLLOWING CHANGES ARE PROPOSED *****

14. QUANTITY OF WATER: 0.111 cfs and/or _____ ac-ft.

15. SOURCE: Underground Water Well

Balance of the water will be abandoned: _____, or will be used as heretofore: _____

16. COUNTY: San Juan

17. POINT(S) OF DIVERSION: Same as Heretofore and
Cave Spring Well: N. 240 ft. & E. 2700 ft. from SW Cor. Sec. 20, T30S, R20E, SLB&M.

Description of Diverting Works: 6-inch well, 100-200 feet deep

*COMMON DESCRIPTION: Canyonlands National Park, The Needles District

The Loop Quad

18. POINT(S) OF REDIVERSION

The water will be rediverted from _____ at a point: _____

Description of Diverting Works: _____

19. POINT(S) OF RETURN

The amount of water to be consumed is 0.111 cfs or _____ ac-ft.

The amount of water to be returned is _____ cfs or _____ ac-ft.

The water will be returned to the natural stream/source at a point(s): _____

20. NATURE AND PERIOD OF USE

Irrigation: From _____ to _____
 Stockwatering: From _____ to _____
 Domestic: From January 1 to December 31
 Municipal: From _____ to _____
 Mining: From _____ to _____
 Power: From _____ to _____
 Other: From _____ to _____

21. PURPOSE AND EXTENT OF USE

Irrigation: _____ acres. Sole supply of _____ acres.
 Stockwatering (number and kind): _____
 Domestic: 5 Families and/or _____ Persons. Canyonlands National Park, 100,000 visitors/yr.
 Municipal (name): _____
 Mining: _____ Mining District at the _____ Mine.
 Ores mined: _____
 Power: Plant name: _____ Type: _____ Capacity: _____
 Other (describe): _____

22. PLACE OF USE

Legal description of place of use by 40 acre tract(s): _____
SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19, NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20, S $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30, all T30S, R20E, SLB&M
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26, T30S, R19E, SLB&M

23. STORAGE

Reservoir Name: _____ Storage Period: from _____ to _____
 Capacity: _____ ac-ft. Inundated Area: _____ acres.
 Height of dam: _____ feet.
 Legal description of inundated area by 40 tract(s): _____

24. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. Include any supplemental water rights used for the same purpose. (Use additional pages of same size if necessary):
Existing well discharge line is impacted by flooding of wash; productivity of well is declining. Drill new well clear of flood waters and with improved capacity.
 _____ Please rush letter approval.

The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

James T. Reynolds
 Signature of Applicant(s)

(Acting for) Associate Regional Director, Park
 Operations - James T. Reynolds

October 22, 1985

LS4 (479)
CANY - WR
Docket #1

State of Utah
Natural Resources - Water Rights
453 South Carbon Ave.
P.O. Box 718
Price, UT 84501

Dear Sir:

The water users claim prepared by the Division of Water Rights of the State of Utah is correct. The reference to Mr. McKee on line #1 has been eliminated because he passed away about one year ago.

The three copies of the claim (code no 03, serial 554) have been signed by Hydrologic Engineer Richard Ketchum of this office and notarized here in Fort Collins, CO. We provide both water resource and water rights assistance for our Regional Office at Denver, CO.

Sincerely,

Mike Whittington

Mike Whittington
Chief, Water Services Branch

cc: Ron Hermance, RMR
Superintendent, CANY w/claim
Stan Ponce, WRD, WRB

Form 114
25M 4-63

IN THE ...SEVENTH... JUDICIAL DISTRICT COURT, IN AND FOR THE
COUNTY OF ...GRAND... STATE OF UTAH

IN 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.

05 554

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 Parks Service - c/o Wm. Meeker
P.O. Box 25287 Interest Claimed Full
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 Nov. 23, 1964 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) X Application filed, State Engineer's Office No. 36771a-13013 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. _____ from _____ to _____ (both dates incl.)
(b) _____ Stockwatering Sec. Ft. _____ from _____ to _____ (both dates incl.)
(c) X Domestic Sec. Ft. 0.111 from January 1 to December 31 (both dates incl.)
(d) _____ Municipal Sec. Ft. _____ from _____ to _____ (both dates incl.)
(e) _____ Sec. Ft. _____ from _____ to _____ (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. 3380 ft. & W. 601 ft. from NE Cor. Sec. 20, T30S, R20E, SLB&M.
(Canyonlands National Park, The Needles District)
(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) _____

(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 100.00 visitors per _____ All sources of water for same use.
(Describe by name or claim number) year and five families in SE 1/4 Sec. 30, T30S, R20E, SLB&M.

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 Extent of Use
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 253 feet
 Diameter of well 6 inch 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

COUNTY OF CARIMA

} 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.

Richard W. Kitchum
 Signature of Claimant

Subscribed and sworn to before me this 22nd day of OCTOBER, 1985.

Notary Public, and expires June 30, 1987

W. R. Anderson
205 W. 8th St.
49 Collins 0084521
 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 & ENERGY
Water Rights

74 West Main Street • P.O. Box 718 • Price, UT 84501 • 801-637-1303

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

September 22, 1983



USA - National Parks Service
Attn: William Mekeel
P.O. Box 25287
Denver, Colorado 80225

Re: 05-554

Dear Mr. Mekeel:

On Tuesday, September 13, 1983, members of our staff met with Bruce Drombrowski (Park Ranger in the Needles District of Canyonlands National Park) to do Proof work on the above referenced water right. It was discovered at that time that the place of use listed in paragraph #11 of the original application was incorrect. In order to correct this, an Amendatory Change needs to be filed. I have enclosed an Amendatory Change Application with the necessary information filled in. Please review this document, and if it is in order, sign and return it to this office with a check for \$15.00 made payable to the Utah State Engineer for the filing fee.

After the Change is processed we will send you the Water Users Claims to finalize this water right. This process usually takes three to four months to complete. If you have any questions, or need further assistance, please feel free to contact me.

Sincerely,

Blaine Ipson

Blaine Ipson
Hydrologic Engineer

Enclosure

BI/mjk

AMENDATORY

05-554

Form No. 107 3-66

CHANGE APPLICATION NO.

**Application for Permanent Change of Point of Diversion
Place and Nature of Use of Water
STATE OF UTAH**

Please clearly and correctly complete the information requested below which defines the right or rights being changed. (Type or clearly print.)

For the purpose of obtaining permission to permanently change: the point of diversion ☐, place ☒, or nature of use ☐, of water rights acquired by A-36771 (05-554)
(Give Number of Application, certificate of appropriation, title and date of Decree or other identification of right.)

If the right described has been amended by a previous approved change application, give the number of such change application. No.

1. The name of the applicant is USA - National Parks Service c/o Wm. Mekeel
2. The post-office address of the applicant is P.O. Box 25287 Denver, Colorado 80225
3. The flow of water which has been or was to have been used in second-feet is 0.111
4. The quantity of water which has been or was to have been used in acre-feet is
5. The water has been or was to have been used for and during periods as follows:

Domestic	from January 1	to December 31	incl.
(purpose)	(month) (day)	(month) (day)	
Irrigation	from April 1	to October 31	incl.
(purpose)	(month) (day)	(month) (day)	
and stored each year (if stored)	from	to	incl.
	(month) (day)	(month) (day)	
6. The direct source of supply is Well in San Juan County.
(well, spring, stream, drain, river; if other explain)
7. The point or points of diversion S. 10⁰ 05' W. 3433 ft. from NE Cor.
Sec. 20, T30S, R20E, SLB&M.

(Must be the same as that of right being changed unless a previous change has been filed and approved. Then use the point or points approved in the previous change.)

8. Diversion works:

If a well give diameter and depth 8-inch well, 200-400 ft. deep, 500' of 2" conveyance pipe to place of use.
If a dam and reservoir give height, capacity, and area inundated

If other give type of diversion facility

9. The water involved has been or was to have been used for the following purposes in the following described legal subdivisions: (If used for irrigation, state sole or supplemental supply, and describe other supplemental rights.)

Irrigation S. 21 NW 1/4, N. 21 SW 1/4, Sec. 21, T30S, R20E, SLB&M.

Total acres to be irrigated

Stockwatering (number and kind)

Domestic (number of families and/or persons, etc.) 100,000 visitors per year plus 5 Families.

Other

10. The point at which water has been or was to have been returned to the stream channel is situated as follows: (Please describe method of return.)

Note: Paragraph 10 is to be completed only when all or part of the water is returned to the natural stream or channel.

The Following Changes Are Proposed

11. The flow of water to be changed in cubic feet per second is 0.111
12. The quantity of water to be changed in acre-feet is

13. The water will be used each year for:

Domestic from January 1 to December 31 incl.
 (purpose) (month) (day) (month) (day)
 from to incl.
 (purpose) (month) (day) (month) (day)
 and stored each year (if stored) from to incl.
 (month) (day) (month) (day)

14. It is now proposed to divert the water from Well
 (i.e., spring, spring area, stream, river, drain, well, etc.)
 at a point(s) as follows: S. 3380 ft. & W. 601 ft. from NE Cor.
 Sec. 20, T30S, R20E, SLB&M.
 (Canyonlands Natl. Park, The Needles District) The Needles Quad

NOTE: The "point of diversion," or "point of return," must be located by course and distance or by rectangular distances with reference to some regularly established United States land corner or United States mineral monument if within a distance of six miles of either, or if a greater distance to some prominent and permanent natural object. A spring area must also be described by metes and bounds.

15. The proposed diverting and conveying works will consist of: (if a well, state diameter and depth thereof)
 6-inch well, 253 ft. deep with conveyance pipe to place of use.
16. If water is to be stored, give capacity of reservoir in acre-feet height of dam
 area inundated in acres legal subdivisions of area inundated
17. The water is to be used for the following purposes in the following described legal subdivisions: (if used for irrigation, state sole or supplemental supply, and describe other supplemental rights.)
 Irrigation
 Total acres to be irrigated
 but limited to the sole irrigation supply of acres.
 Stockwatering (number and kind)
 Domestic (number of families and/or persons, etc.) 100,00 visitors per year; 5 Families.
 Other in SE 1/4 Sec. 30, T30S, R20E, SLB&M.
18. If paragraphs 11 and 12 designate that only part of the right described in paragraphs 1 to 10 inclusive is to be changed, designate the status of the water so affected by this change as to its being abandoned or used as heretofore.

EXPLANATORY

The following additional facts are set forth in order to define more clearly and completely the full purpose of the proposed change: This Change is being filed to correct the place of use.

The undersigned hereby acknowledges that even though he may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the State Engineer's Office, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant.

William R. McNeal

Signature of Applicant

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

INDEXED

BEFORE THE STATE ENGINEER OF THE STATE OF UTAH

ELECTION TO FILE WATER USER'S CLAIM

APPLICATION NO. 36771 (05-554)

STATE OF UTAH

COUNTY OF SAN JUAN

} ss.

William L. Mekeel for
The United States of America, being first duly sworn,
agent

says that he is the ~~owner~~ of the above application; that the development con-
templated 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 that the applicant requests that said statement be pre-
pared by the State Engineer and submitted for execution at an early date.

William L. Mekeel
William L. Mekeel, Water Resources Specialist,
Division of Land & Water Resources, National
APPLICANT Park Service

Subscribed and sworn to before me this 17th day of February

1982.

Mary E. Greenfield
NOTARY PUBLIC



THE STATE OF UTAH
OFFICE OF STATE ENGINEER
SALT LAKE CITY

STATE ENGINEER

FORM 33

November 2, 1965

RECEIVED		
NPS SOUTHWEST REGIONAL OFFICE		
NOV 5-1965		
	Surname	Date
Regional Director		
Operations		
Administration		
Coop. Activities		
Development		
Records		
Files		

United States of America
National Park Service
P. O. Box 728
Santa Fe, New Mexico 87501

Gentlemen:

RE: APPROVED APPLICATION NO. 36771 (05-554)

Enclosed find Approved Application No. 36771 . 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 made to the State Engineer on or before -----February 28, 1968-----otherwise the application will lapse.

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

Yours truly,

Hubert C. Lambert

ADDRESS ALL COMMUNICATIONS TO:

Hubert C. Lambert
STATE ENGINEER
STATE CAPITOL BUILDING
SALT LAKE CITY, UTAH

bps

Encl. copy of approved application

A P P L I C A T I O N A P P R O V E D

Southwest Region
P.O. Box 728
Santa Fe, New Mexico
87501

L54

JUN 20 1965

JUN 20, 1965

State Engineer
403 State Capitol
Salt Lake City 14, Utah

Attention Mr. Jack A. Barnett

Dear Sir:

We have received your letter of June 21 requesting information on the four wells drilled in the Needles District of Canyonlands National Park.

These wells were drilled under Application No. 36771 and after testing it was decided to utilize three of the wells for domestic purposes.

Well No. 1 encountered water much too salty for use. Therefore, on May 26, we amended Application No. 36771 to show a new point of diversion. This is called well No. 2 on your "Report of Well Driller." It is 65' deep and produces 33 gpm. This "Report of Well Driller" should be indexed under amended Application No. 36771 and is located S 10°5' W., 3433' from the northeast corner of Section 20, T. 30 S., R. 20 E., 31M.

Subsequently on June 7 we filed three additional applications. Two of these applications were for wells and one is for Squaw Springs which is a surface source. At the top of your "Report of Well Driller", you will note the title Well No. 3. It is 50' deep and produces 4 gpm. It is located N 25°29' E., 2019' from the southwest corner of Section 30, T. 30 S., R. 20 E., 31M.

The last "Report of Well Driller" denoted as Well No. 4 is a well 77' deep and yields 13 gpm. This well is located N 78°12' W., 1347' from the south quarter corner of Section 25, T. 30 S., R. 19 E., 31M.

The water sample which was submitted to you by the Utah Department of



It is noted under additional remarks for Well No. 1 that this well was filled and plugged and will not be utilized.

Sincerely yours,

(SIGNED)

George W. Miller
Assistant Regional Director
Operations

cc: Superintendent, Canyonlands

WEFields:dmr
6/30/65

Southwest Region
P.O. Box 728
Santa Fe, New Mexico
87501
MAY 26 1965

State Engineer
403 State Capitol
Salt Lake City 14, Utah

RE: Application No. 36771

Dear Sir:

On November 23, 1964 you endorsed Application No. 36771 as approval to drill a water well in Canyonlands National Park.

We drilled the well at the point of diversion indicated in Item No. 8 of the application and encountered saline water in excess of 10,000 ppm salt.

We drilled a second hole 957' southwest of the first hole and were able to obtain a good supply of palatable water.

As a result of this, we would like to amend Application No. 36771, Item 8, and change the section corner tie to S 10°05'W, 3433' from the northeast corner of Section 20, T. 30 S., R. 20 E., SLB&M. This will replace the location S 38°35'W, 3807' from the north quarter corner of Section 31, T. 30 S., R. 20 E., SLB&M. We have inserted the correction under Item 8 and red lined the old location.

The driller indicates that the Report of Well Driller will be in your office within thirty days.

Sincerely yours,

(SIGNED)

Thomas J. Williams
Acting Assistant Regional Director
Operations

WEFields:dmr
5/25/65

Cany No

Form 97 10M 2-42

Application No. 34721

APPLICATION TO APPROPRIATE WATER STATE OF UTAH

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 Statement".
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 728, Santa Fe, New Mexico 87501
4. The quantity of water to be appropriated is 0.111 second-feet or _____ acre-feet
5. The water is to be used for Domestic from January 1 to December 31
(Month) (Day) (Month) (Day)
other use period Irrigation from April 1 to October 31
(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*
S. 28° 55' 44" E. 78.67' From the NE Corner of Section 21, T. 30 S., R. 20 E., SLE&M.
S. 10° 05' W. 34.33' From the NE Corner of Section 20, T. 30 S., R. 20 E., SLE&M.

*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 eight inch, diameter well between 200 and 400 feet deep and 500 feet of 2" conveyance pipe to place of use.

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 _____
ACTUAL DIA. 6" DEPTH 253'
ST. ENG. ENDORSED 8/17/65 RT

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
S&NW¼ and N&SW¼, Section 21, T. 30 S., R. 20 E., SLE&M.
ACTUAL DIA. 6" DEPTH 65'
ST. ENG. ENDORSED 8/17/65 RT

_____ Total _____ 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 _____ No X
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 _____ visitors per year.
17. If application is for domestic purposes, number of persons/100,000 _____, or families 5.
18. If application is for municipal purposes, name of municipality _____
19. If application is for other uses, include general description of proposed uses _____
20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. S&NW¼ and N&SW¼, Sec. 21, T. 30 S., R. 20 E., SLE&M.
21. The use of water as set forth in this application will consume 0.111 second-feet of water and 0.0 second 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:

This well will be the first water supply for Canyonlands National Park. It is anticipated that it will serve 100,000 visitors per year, five permanent families, a visitor center, two campgrounds and three comfort stations. Irrigation will consist of watering lawns, trees and shrubs.

NOTHING HEREIN SHALL CONSTITUTE A WAIVER TO THIS OR ANY OTHER RIGHTS ALREADY VESTED IN THE UNITED STATES OF AMERICA.

(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

National Park Service, Southwest Region

George W. Miller
George W. Miller Signature of Applicant Acting Regional Director

*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

Page No. 3

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.		Cost
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 plus \$5 for each cfs above the first cubic foot per second.
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 acre feet.
over 7500		100.00

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

STATE ENGINEER'S ENDORSEMENTS

1. 11-23-64 Application received by mail in State Engineer's office by FR
over counter
 2. Priority of Application brought down to, on account of.....

3. Nov. 23, 1964 Application fee, \$ 20.00, received by at Rec. No. 200395
Nov. 9, 1965 Application copied in book 11-23-64, and indexed by at
 5. Nov. 8, 1965 Application plotted by EDD (D-30-20) 16cca (2) 2
 6. Nov. 11, 1965 Application examined by JB
 7. Application returned, ... or corrected by office.....

8. Corrected Application resubmitted over counter to State Engineer's office.
by mail
Apply 7, 1965, Reader fee 15.00 Rec. 10-10-65 at
 9. Feb. 18, 1965 Application approved for advertisement by JB
 10. Jan. 22, 1965 Notice to water users prepared by JB
 11. Jan. 14, 1965 Publication began; was completed Nov. 2, 1965
 Notice published in San Juan, the old, & Montezuma, N.M.
 12. Nov. 5, 1965 Proof slips checked by JB & JY
 13. Application protested by.....

14. May 13, 1965 Publisher paid by M.E.V. No. 2-5009
 15. Hearing held by.....
 16. May 29, 1965 Field examination by.....
 17. May 29, 1965 Application designated for approval
rejection JB
 18. Nov. 2, 1965 Application copied or photostated by bps proofread by.....
 19. Nov. 2, 1965 Application approved
 20. Conditions:
 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 Feb. 28, 1968
 c.

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

Application No. 36771

Hubert C. Lambert
 Hubert C. Lambert, State Engineer

Record of Extensions

The following documents pertain to correspondence between the state of Utah and the National Park Service regarding extensions of time for Water Right Application No. 05-554 (36771, a15752). They are filed in chronological order, beginning with the most recent notification. They are placed here to avoid cluttering up the "State Water Right Documentation" Section.

37



Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Robert L. Morgan
State Engineer

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

1636 West North Temple, Suite 220
Salt Lake City, UT 84116-3156
801-538-7240
801-538-7467 (Fax)

December 30, 1993

USA National Park Service
c/o Denise Newberry
1201 Oakridge Drive, Suite 250
Fort Collins, CO 80525

Dear Applicant: RE: Application No. 05-554 (a15752)
PROOF-DUE DATE: February 28, 1994

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 February 28, 1994.

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 of 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.

Your contact with this office, should you need it, is with our Regional Office in Price. The telephone number is (801)637-1303.

Yours truly,

A handwritten signature in cursive script that reads "Robert L. Morgan".

Robert L. Morgan, C.E.
State Engineer

Enclosure: Forms 29 & 152
Certified Mail



P R O O F D U E



UTAH
NATURAL RESOURCES
Water Rights
1636 West North Temple • Suite 220 • Salt Lake City, UT 84116-3156 • (801) 536-7240

**IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF UTAH
ELECTION TO FILE WATER USER'S CLAIM**

ATTENTION: THIS FORM TO BE USED ONLY WHEN WATER HAS BEEN PLACED TO FULL BENEFICIAL USE.

APPLICATION NO. _____ Applicant's present address:

STATE OF UTAH

COUNTY OF _____

_____, being first duly sworn that he or she is the owner of the above numbered 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.

APPLICANT (If a corporation, give title of officer signing.)

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

NOTARY PUBLIC



**UTAH
NATURAL RESOURCES
Water Rights**

1636 West North Temple • Suite 220 • Salt Lake City, UT 84116-3156 • (801) 533-6071

**IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF UTAH
REQUEST FOR REINSTATEMENT AND EXTENSION OF TIME
(Before Fourteen Years)**

APPLICATION NO. _____ Applicant's present address _____

STATE OF UTAH _____

COUNTY OF _____

_____ being first duly sworn that he is the (agent of the) owner of the above numbered application; that the information given is true and correct to the best of his knowledge.

Describe briefly the type, extent, and cost of construction completed to date, and the estimated cost of any remaining construction to complete the project and to submit Proof of Appropriation. Give reasons why the work could not be completed and water put to beneficial use within time allowed.

Pursuant to Section 73-3-12, *Utah Code Annotated 1953* (as amended), request is made for reinstatement and extension of time for filing proof from _____, 19 _____ to _____, 19 _____.

APPLICANT (If a corporation, give title of officer signing.)

Subscribed and sworn to before me this _____ day of _____, 19 _____

NOTARY PUBLIC

FOR OFFICE USE ONLY

PROOF DUE DATE _____ 14 YEAR PERIOD ENDS _____

REMARKS _____

RECOMMENDED DISPOSITION _____

CALENDAR

COMPUTER

INDEXED



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Water Rights

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

December 28, 1981

Canyonlands National Park
Moab, Utah
84532

RECEIVED FORM 38	
Canyonlands National Park	
DEC 29 1981	
M. Matheson, Governor	
Temple A. Reynolds, Executive Director	
Dee C. Hansen, State Engineer	
Superintendent	
Mount. Asst.	
Ranger, INTIP	
Ranger, RMVP	3
Maint. Spec.	4
Admin. Officer	
Personnel	
Supply	
Fiscal	
Comptroller	
Info. Desk	
Arch.	
Nebr.	

Checked 12/29/81
Tom: Do you know what this is for?
Yes

Dear Applicant:

RE: Application No. 35774 (05-55-492-15)

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 February 28, 1982.

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. Since fourteen years or more have passed since approval of the application, your request for extension of time can only be granted after publication of notice of such request and a thirty-day protest period. The fee for filing this request is \$37.50. Also enclosed is an election to file a water user's claim in lieu of proof for submission if the project is complete.

Yours truly,


Dee C. Hansen, P.E.
State Engineer

Encls: Forms 30 & 152
Certified Mail
jp

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

an equal opportunity employer • please recycle paper



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

DEE C. HANSEN
STATE ENGINEER
EARL M. STAKER
DEPUTY

200 EMPIRE BUILDING
231 EAST 400 SOUTH
SALT LAKE CITY, UTAH 84111
(801) 533-6071

January 23, 1980

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

United States Dept. of the Interior
National Park Service
Rocky Mountain Regional Office
P.O. Box 25287
DENVER CO 80225

Attention: Mr. William L. Mekeel

RE: Appl. Nos. ^{CANY} 37065 (05-593) and # 2
36771 (05-554) # 1

Dear Mr. Mekeel:

On October 29, 1979, our office received two Form 30, Extension of Time Requests, After 14-years, for the above-numbered applications. In your letter which accompanied the extension requests, you stated that we would receive a check for \$75.00 (\$37.50 for each request) to cover the advertising fee for the extension requests. To date, we have not received a check for these applications.

Could you please see that we receive this check in the near future, so we can process the extension of time requests.

Yours very truly,

Debra P. Horrocks

Debra P. Horrocks
Extension Department

dph

Checked with Finance, the check will be mailed out next week or within the next ten days. They were waiting for an invoice!

ek 1/25/80

Also called the State of Utah and let them know the check will be there in about 10 days and they said:- ok.



FORM 11

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

DEE C. HANSEN
STATE ENGINEER
EARL M. STAKER
DEPUTY

200 EMPIRE BUILDING
231 EAST 400 SOUTH
SALT LAKE CITY, UTAH 84111
(801) 533-6071

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

October 19, 1979

National Park Service
c/o William L. Mekeel
P.O. Box 25287
Denver, CO 80225

Dear Applicant;

RE: Appl. No. 36771 (05-554)

It is noted from our files that you have only fourteen more days in which to submit proof before the lapsing of your application.

This letter is sent to remind you to have your proof or request for extension of time filed in this office before the proof-due date of your application which is November 2, 1979.

Enclosed is a request for extension of time form in case you have misplaced the one previously sent to you.

Yours truly,


Dee C. Hansen
State Engineer

dvg

Enclosure: Request Forms 30 & 152



CANY #1

Form 38

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

DEE C. HANSEN
STATE ENGINEER

JOHN BENE
DEPUTY

442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114
(801) 533-6071

August 31, 1979

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

WATER RIGHTS
200 Empire Building
231 East 400 South
Salt Lake City, Utah 84111

National Park Service
c/o William L. Mekeel
P. O. Box 25287
Denver, Colorado 80225

Dear Applicant:

RE: Application No. 36771 (05-554)

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 November 2, 1979.

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. Since fourteen years or more have passed since approval of the application, your request for extension of time can only be granted after publication of notice of such request and a hearing before the State Engineer. The fee for filing this request is \$37.50. Also enclosed is an election to file a water user's claim in lieu of proof for submission if the project is complete.

Yours truly,


Dee C. Hansen
State Engineer

jj

Encls: Forms 30 & 152
Certified Mail

PROOF DUE - ADVERTISING REQUIRED

Form 30 -

IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF UTAH
REQUEST FOR REINSTATEMENT AND EXTENSION OF TIME
(After Fourteen Years)

APPLICATION NO. 36771 (05-554)
STATE OF UTAH
COUNTY OF San Juan

Applicant's Present Address
Canyonlands National Park
Moab, Utah 84532

William L. Mekeel for
the United States of America, being first duly sworn says that he is the (agent of the)
owner of the above-numbered application, that he knows of his own knowledge of the construction of works
completed to date.

Describe briefly the type and extent of construction completed to date; cost of this construction, and the
estimated cost of any remaining construction to be done for completion of project and to submit proof of
appropriation. Give reasons why the work could not be completed and water put to beneficial use within time
heretofore allowed.

The water supply has been complete. However, due to the lack of appropriations
we have not been able to construct residences, a utility building and park
facilities. The estimated cost is \$200,000.00. We plan next if funds become
available to tie the system into temporary maintenance residence area. We have
been hauling water for camp ground culinary use.

Request is made for reinstatement and extension of time for filing proof

from November 2, 19 79, to November 1, 19 82.

Affiant understands he will be notified of a hearing date, at which time he or his representative must attend, be
able to defend data given above, and answer any protests thereon; and affiant upon oath states that the information
given above is to the best of his knowledge true and correct. \$37.50 is tendered herewith for publishing notice to
water users.

William L. Mekeel
Chief, Division of Water Resources
National Park Service

APPLICANT
(If a corporation, give title of officer signing)

Subscribed and sworn to before me this 24th day of October, 19 79.

July E. Hume
NOTARY PUBLIC

FOR OFFICE USE ONLY

REQUEST RECEIVED _____ ADV. FEE \$37.50 RECD. _____ by _____

RECEIPT NO. _____ NOTICE PUBLISHED WEEKLY IN _____

BEGINNING _____ AND ENDING _____

PROOF DUE DATE _____ 14 YEAR PERIOD ENDS _____

HEARING _____

APPLICANT DID APPEAR _____ APPLICANT DID NOT APPEAR _____

APPLICANT REPRESENTED BY _____

REMARKS _____

RECOMMENDED DISPOSITION: _____



FORM 19

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

DEE C. HANSEN
STATE ENGINEER

JOHN BENE
DEPUTY

442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114
(801) 325-6071
March 15, 1976

ky Mountain
Regional Office

DIRECTING ENGINEERS
HAROLD D. DONALDSON
DONALD C. NORSETH

STANLEY GREEN	
Director	
Deputy Director	
NRS Mgmt.	
Adm. Serv.	
Cons. Affairs	
Operations Div.	
Public Affairs	
EEO	
Mekeel	
Action Taken	

National Park Service
% William L. Mekeel
P. O. Box 25287
Denver, Colorado 80225

Dear Mr. Mekeel:

RE: Appl. No. 36771 (05-554) #1

Request for extension of time in which to submit Proof of Appropriation or Proof of Change contemplated by the above-numbered application has been considered and the time for receiving Proof of Appropriation is hereby extended from February 28, 1976 to November 2, 1979 inclusive, which is the end of the 14-year period.

Although this extension is granted in accordance with the provisions of the law, I earnestly recommend that you proceed to prepare and submit proof at the earliest possible date. One cannot foresee what the circumstances may be in the future and the possession of your established water right may be of great importance to you.

Yours truly,

Dee C. Hansen
Dee C. Hansen
State Engineer

jp

cc: National Park Service
Moab, Utah 84532

EXTENSION GRANTED

FORM 29

IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF UTAH
REQUEST FOR REINSTATEMENT AND EXTENSION OF TIME
(Before Fourteen Years)

APPLICATION NO. 36771 (05-554)
STATE OF UTAH
COUNTY OF San Juan

William L. Mekcel for
the United States of America, being first duly sworn that he is the (agent of the) owner
of the above-numbered application; that he knows of his own knowledge of the construction of works completed
to date.

Describe briefly the type and extent of construction completed to date; cost of this construction, and the
estimated cost of any remaining construction to be done for completion of project and to submit Proof of
Appropriation. Give reasons why the work could not be completed and water put to beneficial use within time
heretofore allowed.

✓ The water supply has been completed. However, due to the lack of appropriations
we have not been able to construct residences, a utility building and park
facilities. The estimated cost is \$200,000.00. *Now must if further become*
available to the state temporary maintenance funds
may be a minimum estimate - hauling \$10 for long haul culverts etc.

Request is made for reinstatement and extension of time for filing proof

from February 28, 1976, to February 27, 1979

Affiant understands he will be notified of a hearing date, at which time he or his representative must attend, be
able to defend data given; and affiant upon oath states that the information given above is to the best of his
knowledge true and correct.

William L. Mekcel
Chief, Division of Water Resources
National Park Service

APPLICANT:

(If a corporation, give title of officer signing)

Subscribed and sworn to before me this Tenth day of February, 1976

W. E. Greenfield
NOTARY PUBLIC

FOR OFFICE USE ONLY

PROOF DUE DATE _____ 14 YEAR PERIOD ENDS _____

HEARING _____

APPLICANT DID APPEAR _____ APPLICANT DID NOT APPEAR _____

APPLICANT REPRESENTED BY _____

REMARKS _____

RECOMMENDED DISPOSITION: _____



FORM 37

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

DEE C. HANSEN
STATE ENGINEER
JOHN BENE
DEPUTY

442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114
(801) ~~226-5000~~ 533-6071

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

December 31, 1975

National Park Service
c/o Richard W. Ketcham
1709 Jackson Street
Omaha, Nebraska 68102

Dear Applicant:

RE: Application No. 36771 (05-554)

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 February 28, 1976.

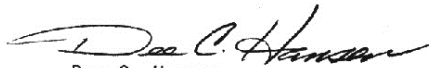
In those areas in which general adjudication proceedings are pending and elections are authorized, the applicant can either:

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 before the proof-due date. Submission of a Request for Extension of Time in no way guarantees 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 if the project is complete.

Yours truly,


Dee C. Hansen
State Engineer

kb
Encs.: Forms 29 & 152

P R O O F D U E

Certified Mail

cc: National Park Service
Moab, Utah 84532

Form 19



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114
January 30, 1973

Pat
DIVISION OF
WATER RIGHTS

HUBERT C. LAMBERT
STATE ENGINEER

National Park Service
c/o Richard W. Ketcham
1709 Jackson Street
Omaha, Nebraska 68102

Gentlemen:

37065 (05-593) *PAY 2*

36771 (05-554) *PAY 1*

RE: APPLICATION NO. 37391 (92-63) *PAY 2*

Request for extension of time in which to
submit Proof of Appropriation or Proof of Change contem-
plated by the above application has been considered and
the time for receiving proof is hereby extended from
February 28, 1973 to February 28, 1976
inclusive.

Yours truly,

Hubert C. Lambert

ADDRESS ALL COMMUNICATIONS TO: Hubert C. Lambert
STATE ENGINEER
442 State Capitol
Salt Lake City, Utah 84114

jh

EXTENSION GRANTED

cc: National Park Service
Moab, Utah 84532

P.S. Although this extension is granted in accordance with
the provisions of the law, I earnestly recommend that
you proceed to prepare and submit proof at the earliest
possible date. One cannot foresee what contingencies
might arise in the future: the present possession of
your certificate might stand you in good stead.

CANY/WR#1

FORM 29

IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF UTAH
REQUEST FOR REINSTATEMENT AND EXTENSION OF TIME
(Before Fourteen Years)

APPLICATION NO. 36771 (05-554)
STATE OF UTAH
COUNTY OF San Juan

Richard W. Ketcham for
the United States of America, being first duly sworn that he is the (agent of the) owner
of the above numbered application; that he knows of his own knowledge of the construction of works completed
to date.

Describe briefly the type and extent of construction completed to date; cost of this construction, and the
estimated cost of any remaining construction to be done for completion of project and to submit Proof of
Appropriation. Give reasons why the work could not be completed and water put to beneficial use within time
heretofore allowed.

The water supply has been completed. However, due to the lack of appropriations
we have not been able to construct residences, a utility building and park facilities.
The estimated cost is \$200,000.00.

Request is made for reinstatement and extension of time for filing proof

from February 28, 19 73, to February 27, 19 78

Affiant understands he will be notified of a hearing date, at which time he or his representative must attend, be
able to defend data given; and affiant upon oath states that the information given above is to the best of his
knowledge true and correct.

Richard W. Ketcham

APPLICANT

(If a corporation, give title of officer signing)



sworn to before me this 17th day of January, 19 73

John T. Marcell

NOTARY PUBLIC

FOR OFFICE USE ONLY

PROOF DUE DATE _____ 14 YEAR PERIOD ENDS _____

HEARING _____

APPLICANT DID APPEAR _____ APPLICANT DID NOT APPEAR _____

APPLICANT REPRESENTED BY _____

REMARKS _____

RECOMMENDED DISPOSITION: _____

L54(MWR)PSW
CANY/WR#1,2,3
ARCH/WR#1

P N

January 18, 1973

17 1/23/73
RECEIVED CANY 1
NATIONAL PARK SERVICE
WASHINGTON OFFICE
JAN 22 9 16 AM '73

2/1/73
1. Reed
2. [Signature]

Hubert C. Lambert
State Engineer
442 State Capitol
Salt Lake City, Utah 84114

Dear Mr. Lambert:

In reply to your letters of December 29, 1972, enclosed are your forms
29 requesting an Extension of Time for Application Nos. 36771, 37065 and
37391. Also enclosed is your form 152 showing beneficial use of Water
Application No. 13619 and 37064.

Sincerely yours,

(Sgd.) Richard W. Ketcham

Richard W. Ketcham
Supervisory Hydraulic Engineer

Enclosures (5)

cc:
WASO-PN w/enc(6)*
Supt., CANY w/enc(5)*
Supt., ARCH w/enc(1)*
Utah State Director

*Please file in the Water Right Docket indicated
on the upper right corner of each enclosure.



Form 37

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114
December 29, 1972

DIVISION OF
WATER RIGHTS

HUBERT C. LAMBERT
STATE ENGINEER

National Park Service
c/o Richard W. Ketcham
1709 Jackson Street
Omaha, Nebraska 68102

37063 (05-591) ANY 2
37064 (05-592) ✓ 1
37065 (05-593) ✓ 2
36771 (05-554) ✓ 1
Re: Application No. 37391 (92-63) ✓ 3

Gentlemen:

Re: Application No. 37391 (92-63)

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 February 28, 1973.

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 of time in no way guarantees 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 if the project is complete.

Yours truly,

Hubert C. Lambert
Hubert C. Lambert, State Engineer

Encs. Forms 29 & 152

Registered Mail

jh

PROOF DUE

Form 19



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

442 STATE CAPITOL
SALT LAKE CITY, UTAH 84114
July 17, 1968

**DIVISION OF
WATER RIGHTS**

HUBERT C. LAMBERT
STATE ENGINEER

United States National Park Service
P. O. Box 36025
450 Golden Gate Avenue
San Francisco, California 94102

RE: APPLICATION NO.

36771 (05-554)
37064 (05-592)
37065 (05-593)

Gentlemen:

Request for extension of time in which to submit
Proof of Appropriation or Proof of Change contem-
plated by the above application has been considered
and the time for receiving Proof is hereby extended
from February 28, 1968, to February 28, 1973,
inclusive.

Yours truly,

Hubert C. Lambert

Address communications to Hubert C. Lambert
State Engineer
442 State Capitol
Salt Lake City, Utah 84114

mt

EXTENSION GRANTED

P. S. Although this extension is granted in accordance
with the provisions of the law, I earnestly
recommend that you proceed to prepare and to
submit Proof at the earliest possible date.
One cannot foresee what contingencies might
arise in the future; the present possession
of your certificate might stand you in good
stead.

FORM 29

IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF UTAH
REQUEST FOR REINSTATEMENT AND EXTENSION OF TIME
(Before Fourteen Years)

APPLICATION NO. 36771 (05-554)
STATE OF UTAH
COUNTY OF San Juan

Applicant's Present Address
P.O. Box 36025 450 Golden Gate Ave.
San Francisco, Calif Zip 94102

William E. Fields, being first duly sworn says that he is the (agent of the) owner of the above-numbered application; that he knows of his own knowledge of the construction of works completed to date.

Describe briefly the type and extent of construction completed to date; cost of this construction, and the estimated cost of any remaining construction to be done for completion of project and to submit Proof of Appropriation. Give reasons why the work could not be completed and water put to beneficial use within time heretofore allowed.

Work done: Well drilled and tested	\$2,000.00
Temporary use facilities	<u>1,000.00</u>
Total	\$3,000.00

Remaining Work: Water system - estimated cost \$50,000.00

Reason not Completed: The war in Viet Nam has caused cuts in our appropriations and we have not been able to complete the work needed for full beneficial use.

Request is made for reinstatement and extension of time for filing proof from February 23, 1968, to February 28, 1973.

Affiant understands he will be notified of a hearing date, at which time he or his representative must attend, be able to defend data given; and affiant upon oath states that the information given above is to the best of his knowledge true and correct.

William E. Fields
APPLICANT
(If a corporation, give title of officer signing)

Supervisory Hydraulic Engineer

Subscribed and sworn to before me this 23 day of February, 1968.

[Signature]
NOTARY PUBLIC

SAN JUAN COUNTY DISTRICT CLERK
STATE OF CALIFORNIA

FOR OFFICE USE ONLY

PROOF DUE DATE _____ 14 YEAR PERIOD ENDS _____

HEARING _____

APPLICANT DID APPEAR _____ APPLICANT DID NOT APPEAR _____

APPLICANT REPRESENTED BY _____

REMARKS: _____

RECOMMENDED DISPOSITION: _____

Southwest Region
Santa Fe, New Mexico
87501

MAY 27 1965

1-54

W O D C	
JUN 1 1965	
CHF	
ADM	
P & P	
ARCH	
ENG	
L.A.	
CH.M.P.	
CONTR	
SFTY	
ELEC	
ACTION TAKEN - DATE	

Memorandum

To: Director

From: Acting Assistant Regional Director, Operations

Subject: Amendment of Application No. 36771, Docket No. 1,
Canyonlands National Park

We have made a request to the State Engineer of Utah that he amend the subject application under Item 8 as follows:

Cross out S 38°35'W., 3807' from the North Quarter
Corner of Section 31, T. 30 S., R. 20 E., SLE&M
and insert S 10°05'W., 3433' from the Northeast
Corner of Section 20, T. 30 S., R. 20 E., SLE&M.

We have made this correction on the application in the subject docket and by copies of this memorandum are requesting that the Chief, WODC and Superintendent, Canyonlands correct their application.

(SIGNED)

Thomas J. Williams

In duplicate

cc: Chief, WODC (2)
Superintendent, Canyonlands

Supporting Hydro Data



IN REPLY REFER TO:

United States Department of the Interior

NATIONAL PARK SERVICE
DENVER SERVICE CENTER
12795 W. ALAMEDA PARKWAY
P.O. BOX 25287
DENVER, COLORADO 80225-0287



D50 (DSC-TCE)
CANY-203A-21

NOV 30 1990



Memorandum

To: Chief, Water Rights Branch, Water Resources Division,
National Park Service

From: Manager, Central Team, Denver Service Center

Reference: Canyonlands National Park, Pkg. 203A, Water Rights
Approval, Cave Spring Water Well, PT 21

Subject: Approval Cave Spring Water Well

Attached for your files are the driller's report and the water rights approval by the State of Utah, for our newly completed Cave Spring Water Well at Canyonlands National Park.

Kenneth Raithel, Jr.

cc:
Supt., Canyonlands, w/o att.

Completion Report		Headquarters Well		Date
Well Contract - Completion Status		NPS - L.H.C.		By
Park <u>Canyon lands</u> Area <u>Needles</u>		Contract No. <u>SWR 33-28</u>		<u>8/7/67</u> <u>JWR</u>
No. of holes	<u>4</u>	Final Contract Price <u>\$ 5,786.00 + 2</u> <u>\$ 1,997</u>		
Hole No.	1.	2.	3.	
Bore depth	<u>253'</u>	<u>65'</u>	<u>52'</u>	<u>77'</u>
" dia.	<u>8"</u>	<u>8"</u>	<u>8"</u>	<u>8"</u>
Casing depth	<u>None</u>	<u>65'</u>	<u>50'</u>	<u>77'</u>
" dia.		<u>8" x 6"</u>	<u>6"</u>	<u>6"</u>
Stepped Cas. depths		<u>55' of 8"</u>	<u>Gravel Packed</u>	
" " dia.		<u>25' of 6"</u>	<u>30' to 42' with</u>	
			<u>1/8" to 3/4" gravel</u>	
Perf. Cas. depths		<u>(42')</u>	<u>(18')</u>	<u>(44')</u>
" " dia.		<u>24' to 65'</u>	<u>32' to 50'</u>	<u>32' to 76'</u>
		<u>6"</u>	<u>6"</u>	<u>6"</u>
Static Water level	<u>Salt Water seep at 207'</u>	<u>21'</u>	<u>18'</u>	<u>26'</u>
Plugged	<u>yes</u>	<u>Capped</u>	<u>Pump installed</u>	<u>Capped</u>
Pump Test	<u>Salty Water</u>			
Rate No. 1	<u>abandoned</u>	<u>33 gpm</u>	<u>4 gpm</u>	<u>13 gpm</u>
Rate				
(period)				
Time at rate		<u>48 hrs</u>	<u>48 hrs</u>	<u>24 hours</u>
Drawdown (Dd.)		<u>10'</u>	<u>20'</u>	<u>28'</u>
Recovery time from (period) Dd.	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>
Static Wat. Lev.		<u>Temp. 58°</u>	<u>Temp. 60°</u>	<u>Temp. 59°</u>
Artesian flow				
Name	<u>Salt #1</u>	<u>Salt #2</u>	<u>Headquarters</u>	<u>Squaw Springs</u>
Rate No. 2	<u>Creek Well</u>	<u>Creek Well</u>	<u>Well</u>	<u>Well</u>
Rate				
(period)				
Time at rate				
Drawdown				
Recovery time from (period) Dd.	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>
Date Drilled by	<u>2/3 To 3/14/65</u>	<u>3/16 To 4/10/65</u>	<u>4/13 To 4/27/65</u>	<u>4/30 To 5/20/65</u>
Rate No. 3				
Rate				
(period)				
Time at rate				
Drawdown				
Recovery time from (period) Dd.	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>
State Application No.	<u>36771</u>	<u>37064</u>	<u>37064</u>	<u>37065</u>
Suggested Pumping Rate	<u>(05-554)</u>	<u>(05-592)</u>	<u>(05-592)</u>	<u>(05-593)</u>
Estimated drawdown or suggested pump setting				
	<u>NW 1/4, SW 1/4, Sec 21 T30S, R20E</u>	<u>NE 1/4, SE 1/4, Sec 20 T30S, R20E</u>	<u>NW 1/4, SW 1/4, Sec 30 T30S, R20E</u>	<u>SE 1/4, SW 1/4 Sec. 25 T30S, R19E</u>

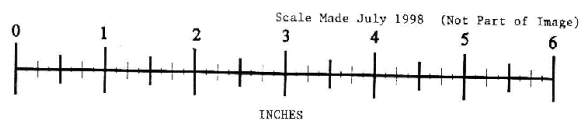
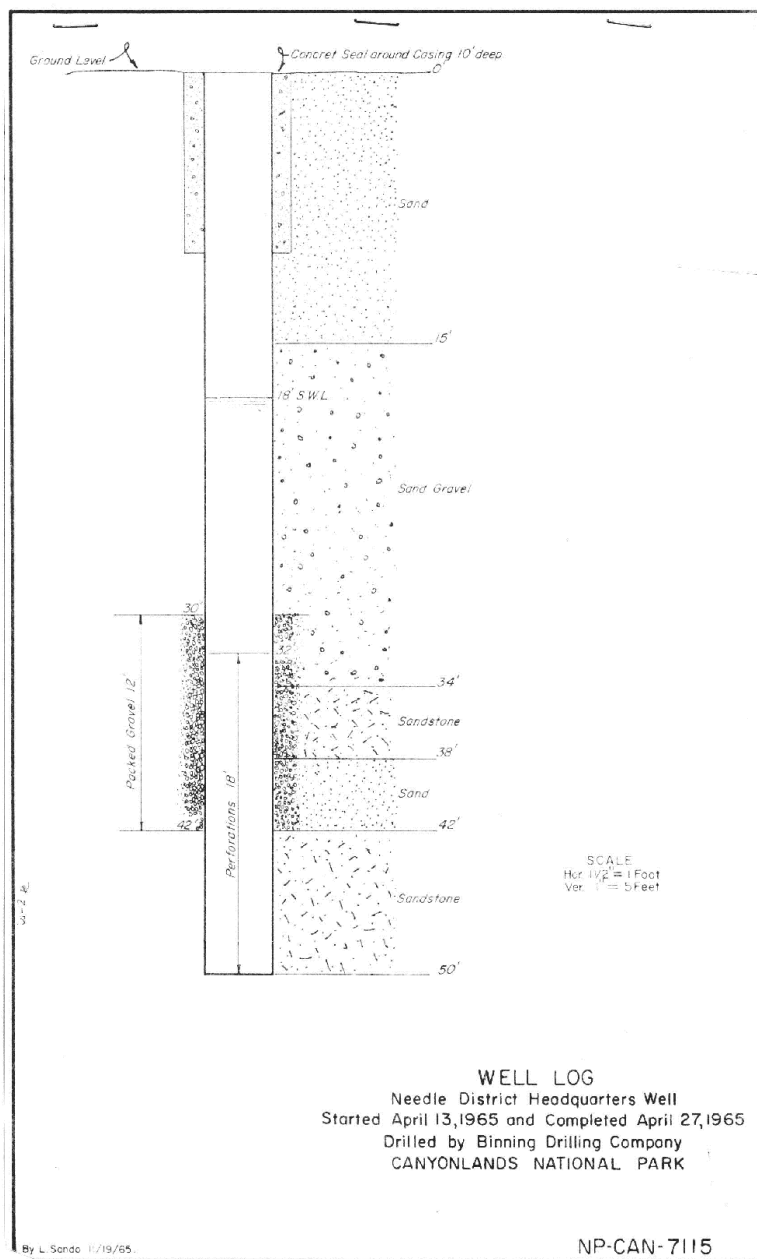
G.W. Type Analysis A-1 USGS CHEMICAL ANALYSIS NPS Account 05
 State Utah County Location Canyonlands Nat'l. Park, Moab, Utah Project 34
 Latitude-Longitude Application # 36771 Well No. Well No. 1, Salt Creek Well. Date Collected 6-10-68
 Owner Date Drilled Source Depth (ft) Diam. (in)

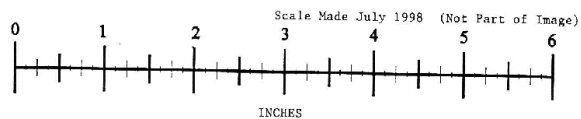
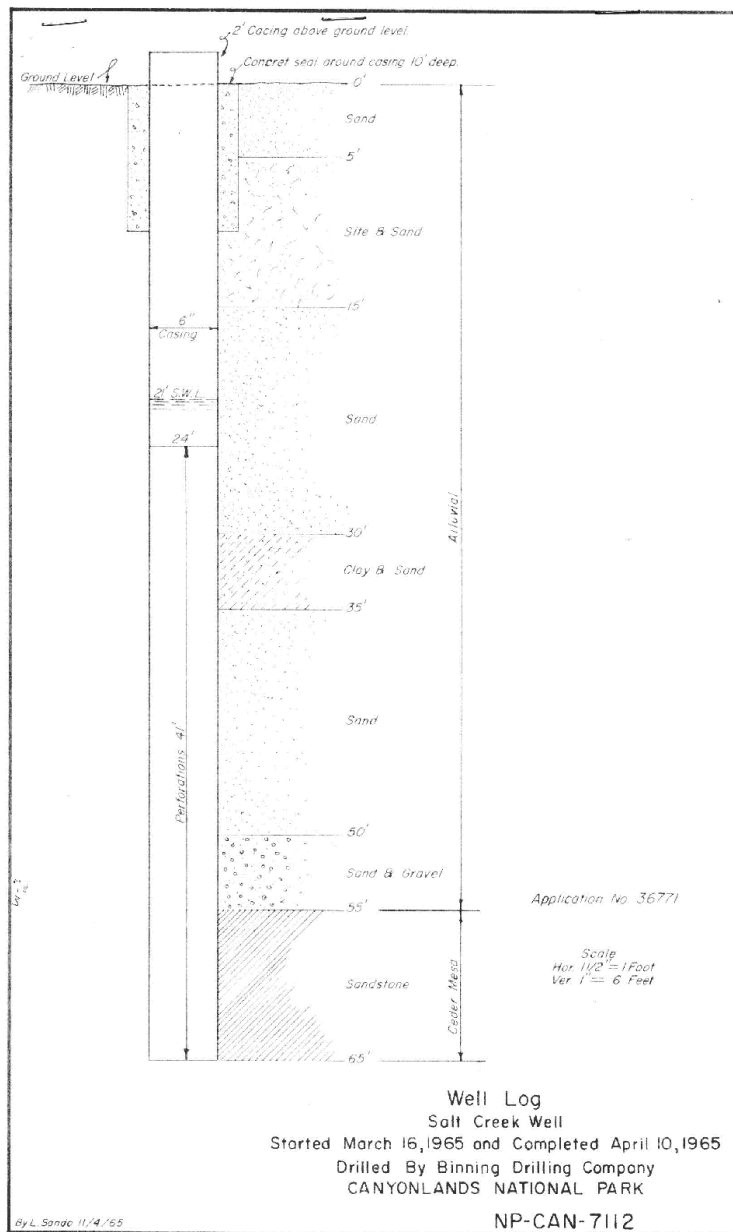
pH 7.3 Temp. (°C)
 Hardness as CaCO₃: 45 Total 239
 Noncarbonate 2
 Color 3 S.A.R. 0.6
 % Na 17 T/af
 Density (g/ml at 20°C)
 W.B.F.
 Producing Intervals
 W.L.
 Sampled after Pumping (Time)
 Yield
 Point of Collection
 Appearance
 Use
 Collected by
 Remarks:
 Chemist RLL, EP Checked By EFW
 Date Completed 6/25/68
 Date Transmitted
 Laboratory No. 663952

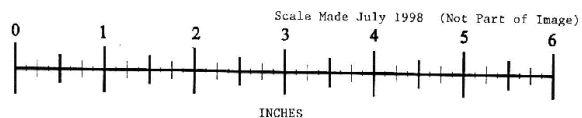
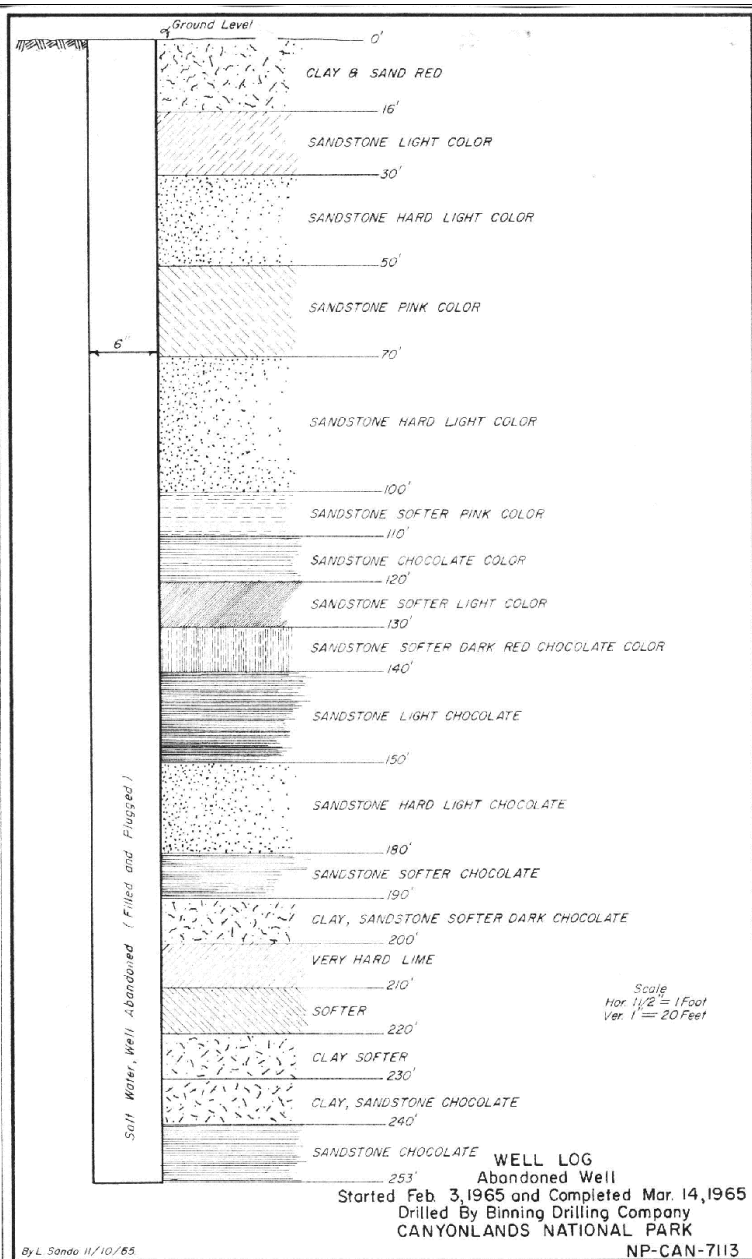
Specific Conductance (micromhos at 25°C): T <u>218</u> R KCl <u> </u> R Sample <u>680</u> <u>541</u> <u>529</u>	
mg/L	me/L
Silica (SiO ₂) f <u> </u> vol <u>10</u> o.d. <u>1.92</u> <u>(9.2)</u> <u>9.2</u>	Bicarbonate (HCO ₃) <u>290</u> <u>4.75</u> vol <u> </u> T <u>14.5</u> <u>(1.3)</u>
Calcium (Ca) f <u>3.53</u> me/L TH <u>4.78</u> vol <u> </u> <u>(71)</u> <u>71</u> <u>3.54</u>	Carbonate (CO ₃) <u>0</u> <u>0.00</u>
Magnesium (Mg) <u>7-11.15</u> vol <u> </u> <u>(15)</u> <u>15</u> <u>1.17</u>	Sulfate (SO ₄) T <u>1.18</u> vol <u>10</u> f <u>20</u> <u>(50)</u> <u>30</u> <u>1.50</u>
Sodium (Na) vol <u> </u> range <u> </u> reading <u>23</u> <u>1.0</u>	Chloride (Cl) T <u>1.47</u> vol <u> </u> AgNO ₃ <u>7.4</u> <u>0.31</u>
Potassium (K) vol <u> </u> range <u> </u> reading <u>3.0</u> <u>0.03</u>	Fluoride (F) vol <u>10</u> o.d. <u>1.429</u> <u>0.2</u> <u>0.01</u>
Na+K (Calculated) <u> </u>	Nitrate (NO ₃) f <u>15</u> vol <u>10</u> o.d. <u>0.20</u> <u>(0.2)</u> <u>0.2</u> <u>0.00</u>
Iron (Fe) f <u> </u> vol <u> </u> dissolved: o.d. <u>1.45</u> <u>(0.08)</u> <u>0.08</u>	Boron (B) f <u> </u> vol <u>1</u> o.d. <u>1.26</u> <u>(0.20)</u> <u>0.20</u>
Total: o.d. <u> </u>	Dissolved solids: Sum of Constituents <u>302</u> <u>302</u> <u>7</u> Residue on Evaporation at 180°C vol <u> </u> dish <u>60.3671</u> <u>307</u> <u>307</u>
TOTAL CATIONS <u> </u>	TOTAL ANIONS <u> </u>

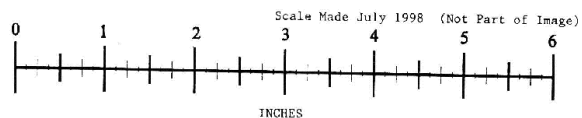
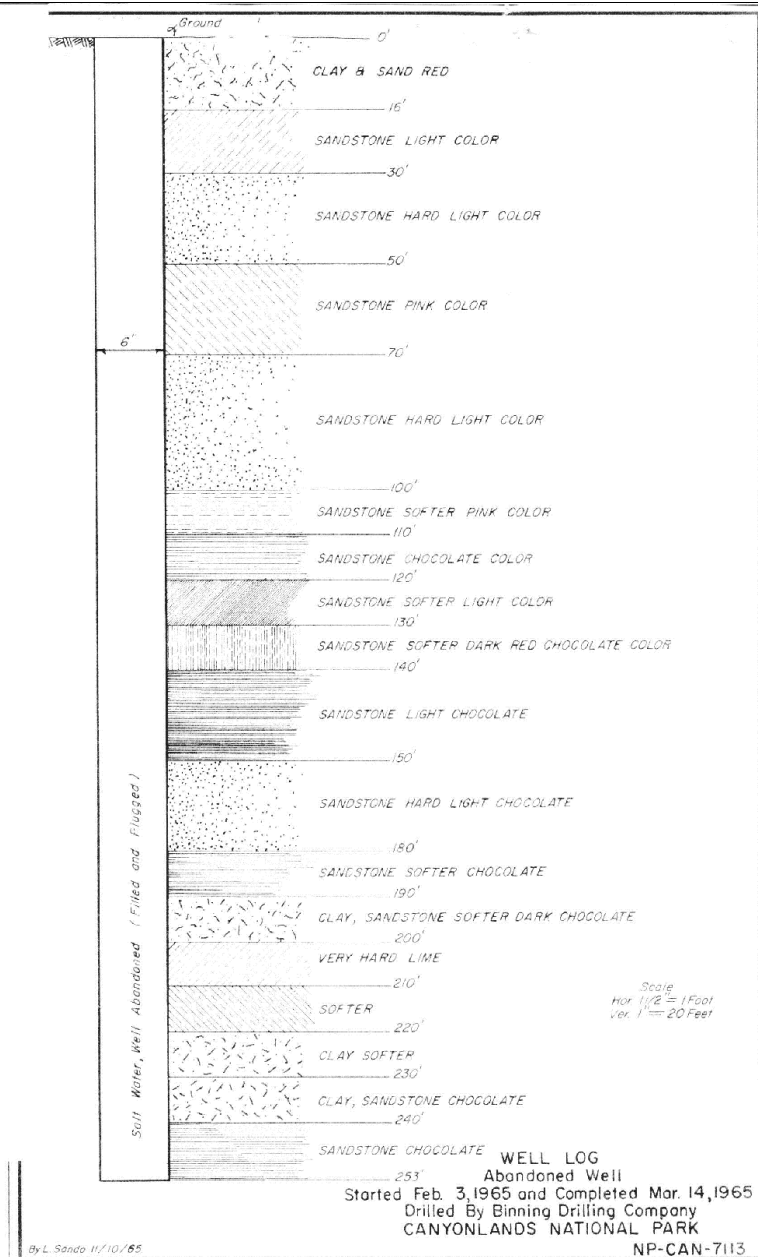
Provisional records, subject to revision.

USE OTHER SIDE FOR ADDITIONAL REMARKS









Other Supporting Information



IN REPLY REFER TO:

United States Department of the Interior

NATIONAL PARK SERVICE
ARCHES AND CANYONLANDS NATIONAL PARKS
NATURAL BRIDGES NATIONAL MONUMENT
MOAB, UTAH 84532



January 18, 1982

Memorandum

To: Chief, Division of Water Resources, RMR
From: Acting Unit Manager, Canyonlands
Subject: Proof of Appropriation

We have enclosed information regarding the three wells at Needles.

Application No. 36771 (05-554)

This is Needles Well #2. We are currently using the water to supply all our culinary and other needs at the residential/maintenance facilities at Squaw Flat. We are also utilizing this source to supply the culinary needs at the 27 unit Squaw Flat Campground. The water is hauled by truck to the latter location.

Application No. 37065 (05-593)

This is the Squaw Springs Well. We would just want to go for an extension. We can use the following statement for why the water has not been put to beneficial use:

"Additional facilities are planned in this area to include visitor facilities consisting of camping and picnicking areas. Construction has not been completed due to the lack of appropriated funds".

To date, costs of the system have been:

Well construction & testing	\$ 2,000
Water system	13,300
	\$15,300

I understand that you have the application for the Canyonlands Resort Well (Fed. #5), Salt Creek Area. Although the future of the resort is unclear, we agree that we should go for an extension on this one too. We can use the same statement that we did in 1979:

"The water system required a well pump and approximately 2,500 feet of pipe line in order to put the water to full beneficial use. The well and pump have been installed at a cost of approximately \$4,500. However, the pipe line has not been installed due to the lack of funds, and water is hauled to the resort facility from the well by truck.

If you have any questions, give me a call.

A handwritten signature in cursive script, appearing to read "Carl Douhan".

Carl Douhan

Enclosures (2)

Salt Creek Test Wells No. 1 & 2
(Needles Well No. 1)
Contract No. 14-10-0333-1416
Feb. - April 1965

Drilled by Lester Binning of Payson, Utah

Total Contract Price \$5,786

The first hole was drilled in NW $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 21, T30S, R20E. It was 8" in diameter, was not cased, and was 253 feet deep. Drilling was done from February 3 to March 14, 1965. They encountered a salt water seep at 207'. The well was plugged and abandoned due to the salty water. Over 10,000 ppm of salt.

The driller then moved $\frac{1}{4}$ mile over into NE $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 20 and drilled hole No. 2. Work was in progress from March 16 to April 10, 1965. This well is 6" in diameter, 65 feet deep, is cased to the bottom, and tested at 33 gpm with 10 feet drawdown after 48 hours of pumping. Static water level was 21 feet and the water temperature was 58°. The park has not used this well but it has been used by the Road Contractor to obtain water for the road construction. Test hole No. 2 was converted into a good production well known as Salt Creek Well No. 1. It has been called well No. 2 because it was the second hole drilled. The well is in Salt Creek Canyon and the area is called "The Needles." Thus it is also referred to as Needles Well No. 1.

The state water right application for this good well is No. 36711 (05-554). It was submitted initially for the first (salty) hole in section 21 then revised to fit the good well in section 20.

Narrative Statement - by James W. Roberts
Hydraulic Engineer, SSC - 8/20/69

Form 10-174
(June 1962)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

FACE SHEET FOR COMPLETION REPORT

Park Canyonlands National Park	Region Southwest	Order No. CANY 1705
Location in Park Squaw Spring	State(s) Utah	Fund Symbol 16X1035
	County or Counties San Juan	Year Programmed 1965
☐ Contract and/or ☒ Day Labor		PCP No. U-1
Work Order Title Squaw Spring Development Water System, U-1		Master Plan No.
		Master Plan Corrected By
		As Built Drawings By
		Date Started 4/19/65
		Date Completed 6/30/65

DESCRIPTION OF FIXED ASSETS (For completion by employee in charge of project)	TOTAL COSTS (For completion by FFO)
100.8 Utilities - Water System ~~12,765.87~~	14,808.41
TOTAL	\$ 14,808.41

DISTRIBUTION		THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES	
No.	To		
1	WASO	Submitted	Title: Date:
2	SWEO	By: <u>/s/ Milo F. Casa</u>	<u>Administrative Officer</u> <u>2/24/67</u>
1	WODC	Approved <u>Milo F. Casa</u>	Title: Date:
1	CANY	By: <u>/s/ Roger J. Conter</u>	<u>Acting Superintendent</u> <u>2/24/67</u>
		COSTS VERIFIED <u>Roger J. Conter</u>	Title: Date:
		BY <u>(Sgt.) James W. Wardle</u>	<u>Supervisory Accountant</u> <u>May 3, 1967</u>

35716

Rec'd w/ memo to Hqs. from: Wutuchi Adl. dated Oct 22, 1967

Form 10-174A
(June 1962)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Work Order Number

CANY 1705

Fund Symbol

14X1035

Year Programmed

1965

COMPOSITION OF COST FOR COMPLETION REPORT

Park	Region	Year Programmed
Canyonlands National Park	SW	1965
Location in Park		
Squaw Spring		
Work Order Title		
Squaw Spring Development, Water System, U-1		

COMPOSITION OF COST

COSTS CHARGED TO FUNDS ALLOTTED TO FIELD FINANCE OFFICE

(1) Personal Services.....	\$4,644.67	
(2) Travel.....	514.50	
(3) Contract Work		
(4) Supplies and Materials.....	5,401.25	
(5) Other Direct Expenses.....	1,742.27	
(6) Operation of Equipment.....	100.49	
(7) Depreciation of Equipment.....	362.09	
(8) Purchase of Construction Equipment.....		
(9) Purchase of Other Accountable Equipment		
(10) Other Costs: ~~BIM Mining Claim Investigation~~	431.00	
(11) TOTAL COST CHARGED TO FFO FUNDS	XXXXXXXXXX	\$13,246.87

OTHER COSTS:

(12) PS&S, AP, and/or Facilitating Services @ 16 %	\$ 2,119.50	
(13) Inventory and Other Non-Fund Costs		2,119.50
(14) GROSS WORK ORDER COSTS	XXXXXXXXXX	\$ 15,366.37
LESS:		
(15) Residual Value of Construction Equipment on Line 8	\$	
(16) Other Credits ~~Less item on line 10, including PS&S~~	RE 557.96	RE 557.96
(17) NET COST OF FIXED ASSETS	XXXXXXXXXX	\$ 14,808.41

Identify other costs and other credits by line item entry, on an attached schedule, or explain in narrative.

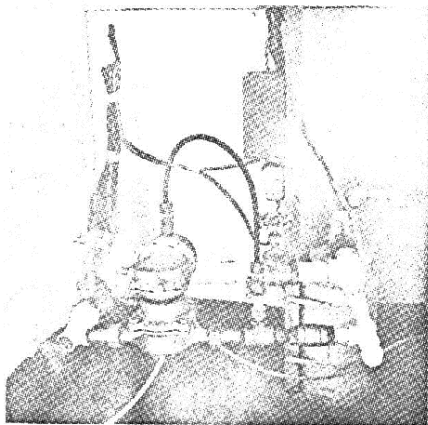
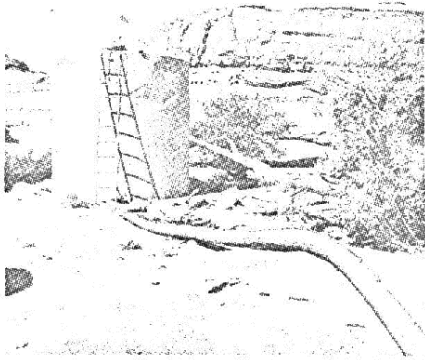
Completion Report Narrative

A construction crew that varied from 4 to 6 men started the utility line ditches in June of 1965. Ditches were dug with a backhoe; however, blasting was necessary in the heavy sandstone. Work was interrupted when the crew moved to the Island in the Sky District. The majority of the installation was completed by January, 1966. An additional fire hydrant was installed in the fall of 1966 after the Regional Safety Officer's inspection.

Water is taken from well number three. A $\frac{1}{2}$ hp. submersible pump is used. The pumphouse contains a Culligan proportionating chlorinator. The water is pumped to a 5,800 gallon steel tank located on the rocks above the residence and utility area. The distribution system provides water to the seven residence trailers, a hydrant for public usage and a branch line goes to the utility area.

System has 2,988 feet of pipe. Most of the pipe installed was of the polyethylene plastic tube type.

The water pump is installed in a prefabricated metal building.



Form 10-768
(7/66)U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

INDIVIDUAL BUILDING DATA

Prepare in quadruplicate. Retain one copy in park office. Send original and two copies to Regional Office for review and distribution. Regional Office send original to WASO, one copy to EODC or WODC, retain one.

Building Name Pump House	Bldg. No. T-203
Location in Park Squaw Flat	
Park, Monument, Etc. Canyonlands National Park	

1. GENERAL

Use and Occupancy Pump & Chlorinator	Owned By National Park Service	Operated By National Park Service
Maintained By National Park Service	Constructed By National Park Service	Year 1965
Remodeled By	Year	Drawing No.

2. VALUE

Original Cost \$200.00	Present Value \$200.00
---------------------------	---------------------------

3. TYPE

No. Stories 1	No. Rooms 1	Basement
------------------	----------------	----------

4. SIZE (Sq. Footage)

Overall	Basement	1st Floor 32	2nd Floor
---------	----------	-----------------	-----------

5. CONSTRUCTION

Construction Type Frame	Foundation concrete	Walls, Exterior plywood	Walls, Interior celotex	Floor concrete	Roof plywood
----------------------------	------------------------	----------------------------	----------------------------	-------------------	-----------------

6. INTERIOR FINISH

Walls	Floors	Ceilings	Trim
-------	--------	----------	------

7. UTILITIES

Water	Electric	Gas	Sewer	Telephone	Other
-------	----------	-----	-------	-----------	-------

8. MECHANICAL EQUIPMENT

Plumbing pump Chlorination	Heating electric space	Fuel	Electric yes	Hot Water	Other
----------------------------------	---------------------------	------	-----------------	-----------	-------

9. EXISTING CONDITION (Indicate Excellent, Good, Fair, Poor - If New Building Leave Blank)

As of (Date) 3/13/67	Structural good	Mechanical good	General State of Repair good
-------------------------	--------------------	--------------------	---------------------------------

10. FIRE PROTECTION

No. Hydrants	Size	Distance	Mechanical	Extinguishing Equipment Hand 5 lb.	Other
--------------	------	----------	------------	---------------------------------------	-------

11. PHOTOGRAPHS. Furnish 8 x 10½" photographs or smaller photographs mounted on 8 x 10½ sheets. Attach to photograph: Name of park, location in park, and name and number of building.

12. SKETCH PLAN. Furnish legible sketch on separate sheet including over-all dimensions, names and sizes of rooms, scale, and date drawn. Use double line to indicate walls of building.

13. REMARKS (Furnish any other pertinent data to complete record)

Plywood exterior, celotex interior with 4 inches of insulation material.

Pictures attached to completion report.

Constructed by NPS forces.

Prepared By Milo Caza	Date 3/13/67	Approved By Roger, J. Contor	Date 3/20/67
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76057

Form 10-768
(7/60)U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

INDIVIDUAL BUILDING DATA

Prepare in quadruplicate. Retain one copy in park office. Send original and two copies to Regional Office for review and distribution. Regional Office send original to WASO, one copy to EODC or WODC, retain one.

Building Name <u>Pump House</u>	Bldg. No. <u>T-203</u>
Location in Park <u>Canyon Flat</u>	
Park, Monument, Etc. <u>Canyonlands National Park</u>	

1. GENERAL

Use and Occupancy <u>Pump & Chlorinator</u>	Owned By <u>National Park Service</u>	Operated By <u>National Park Service</u>	
Maintained By <u>National Park Service</u>	Constructed By <u>National Park Service</u>	Year <u>1965</u>	Drawing No.
Remodeled By		Year	Drawing No.

2. VALUE

Original Cost <u>\$200.00</u>	Present Value <u>\$200.00</u>
----------------------------------	----------------------------------

3. TYPE

No. Stories <u>1</u>	No. Rooms <u>1</u>	Basement	Overall
-------------------------	-----------------------	----------	---------

4. SIZE (Sq. Footage)

Basement	1st Floor <u>32</u>	2nd Floor
----------	------------------------	-----------

5. CONSTRUCTION

Construction Type <u>Frame</u>	Foundation <u>concrete</u>	Walls, Exterior <u>plywood</u>	Walls, Interior <u>celotex</u>	Floor <u>concrete</u>	Roof <u>plywood</u>
-----------------------------------	-------------------------------	-----------------------------------	-----------------------------------	--------------------------	------------------------

6. INTERIOR FINISH

Walls	Floors	Ceilings	Trim
-------	--------	----------	------

7. UTILITIES

Water	Electric	Gas	Sewer	Telephone	Other
-------	----------	-----	-------	-----------	-------

8. MECHANICAL EQUIPMENT

Plumbing <u>Water pump</u>	Heating <u>electric space</u>	Fuel	Electric <u>yes</u>	Hot Water	Other
-------------------------------	----------------------------------	------	------------------------	-----------	-------

9. EXISTING CONDITION (Indicate Excellent, Good, Fair, Poor - If New Building Leave Blank)

As of (Date) <u>3/13/67</u>	Structural <u>good</u>	Mechanical <u>good</u>	General State of Repair <u>good</u>
--------------------------------	---------------------------	---------------------------	--

FIRE PROTECTION

No. Hydrants	Size	Distance	Mechanical	Hand <u>5 lb.</u>	Other
--------------	------	----------	------------	----------------------	-------

11. PHOTOGRAPHS. Furnish 8 x 10½" photographs or smaller photographs mounted on 8 x 10½ sheets. Attach to photograph: Name of park, location in park, and name and number of building.

12. SKETCH PLAN. Furnish legible sketch on separate sheet including over-all dimensions, names and sizes of rooms, scale, and date drawn. Use double line to indicate walls of building.

13. REMARKS (Furnish any other pertinent data to complete record)

Plywood exterior, celotex interior with 4 inches of insulation material.

Pictures attached to completion report.

Constructed by NPS forces.

Prepared By <u>Milo Caza</u>	Date <u>3/13/67</u>	Approved By <u>Roger, J. Contor</u>	Date <u>3/24/67</u>
---------------------------------	------------------------	--	------------------------

76057

Form 10-768
(7/60)U.S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

INDIVIDUAL BUILDING DATA

Prepare in quadruplicate. Retain one copy in park office. Send original and two copies to Regional Office for review and distribution. Regional Office send original to WASO, one copy to EODC or WODC, retain one.

Building Name Pump House	Bldg. No. T-203
Location in Park Squaw Flat	
Park, Monument, Etc. Canyonlands National Park	

1. GENERAL

Use and Occupancy Pump Chlorinator	Owned By National Park Service	Operated By National Park Service	
Maintained By National Park Service	Constructed By National Park Service	Year 1965	Drawing No.
Remodeled By		Year	Drawing No.

2. VALUE

Original Cost
\$200.00Present Value
\$200.00

3. TYPE

No. Stories
1No. Rooms
1

Basement

Overall

4. SIZE (Sq. Footage)

Basement

1st Floor
32

2nd Floor

5. CONSTRUCTION

Construction Type Frame	Foundation concrete	Walls, Exterior plywood	Walls, Interior calotex	Floor concrete	Roof plywood
----------------------------	------------------------	----------------------------	----------------------------	-------------------	-----------------

6. INTERIOR FINISH

Walls	Floors	Ceilings	Trim
-------	--------	----------	------

7. UTILITIES

Water	Electric	Gas	Sewer	Telephone	Other
-------	----------	-----	-------	-----------	-------

8. MECHANICAL EQUIPMENT

Plumbing water pump chlorination	Heating electric space	Fuel	Electric yes	Hot Water	Other
--	---------------------------	------	-----------------	-----------	-------

9. EXISTING CONDITION (Indicate Excellent, Good, Fair, Poor - If New Building Leave Blank)

As of (Date) 3/13/67	Structural good	Mechanical good	General State of Repair good
-------------------------	--------------------	--------------------	---------------------------------

10. FIRE PROTECTION

Extinguishing Equipment

No. Hydrants	Size	Distance	Mechanical	Hand 5 lb.	Other
--------------	------	----------	------------	---------------	-------

11. PHOTOGRAPHS. Furnish 8 x 10½" photographs or smaller photographs mounted on 8 x 10½ sheets. Attach to photograph: Name of park, location in park, and name and number of building.

12. SKETCH PLAN. Furnish legible sketch on separate sheet including over-all dimensions, names and sizes of rooms, scale, and date drawn. Use double line to indicate walls of building.

13. REMARKS (Furnish any other pertinent data to complete record)

Plywood exterior, calotex interior with 4 inches of insulation material.

Pictures attached to completion report.

Constructed by NPS forces.

Prepared By Bilo Caza	Date 3/13/67	Approved By Roger, J. Contor	Date 3/20/67
--------------------------	-----------------	---------------------------------	-----------------

76057

Form 10-174
(June 1962)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

FACE SHEET FOR COMPLETION REPORT

Park Canyonlands National Park	Region Southwest	Order No. CANY 1706
Location in Park Squaw Springs	State(s) Utah	Fund Symbol 14X1035
	County or Counties San Juan	Year Programmed 1965
☐ Contract and/or ☒ Day Labor		PCP No. U-2
Work Order Title Squaw Spring Development Sewer System, U-2		Master Plan No.
		Master Plan Corrected By
		As Built Drawings By
		Date Started 4/4/65
		Date Completed 6/30/65

DESCRIPTION OF FIXED ASSETS (For completion by employee in charge of project)	TOTAL COSTS (For completion by FFO)
100.B Utilities - Sewer System ~~\$4,317.69~~ 3,722.15	4,317.69
TOTAL	\$ 4,317.69

DISTRIBUTION		THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES	
No.	To	Submitted By:	Title: Date:
1	WASO	/s/ Milo F. Caza	Administrative Officer 2/24/67
2	SERO	Milo F. Caza	
1	WODC	Approved By:	Title: Date:
1	CANY	/s/ Roger J. Contox	Acting Superintendent 2/23/67
		Roger J. Contox	
		COSTS VERIFIED	Title: Date:
		BY (Signature)	Supervisory Accountant 5/7/67
		JAMES W. MOWAT	

35716

Form 10-174A
(June 1962)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

COMPOSITION OF COST FOR COMPLETION REPORT

Work Order Number

CANT 1706

Fund Symbol

14X1033

Year Programmed

1965

Park

Canyonlands National Park

Region

SW

Location in Park

Squaw Springs

Work Order Title

Squaw Springs Development, Sewer System, U-2

COMPOSITION OF COST

COSTS CHARGED TO FUNDS ALLOTTED TO FIELD FINANCE OFFICE

(1) Personal Services.....	\$1,072.81	
(2) Travel.....	200.00	
(3) Contract Work		
(4) Supplies and Materials.....	736.86	
(5) Other Direct Expenses.....	951.93	
(6) Operation of Equipment.....		
(7) Depreciation of Equipment.....	110.55	
(8) Purchase of Construction Equipment.....		
(9) Purchase of Other Accountable Equipment		
(10) Other Costs: ~~BLM Mining Claim Investigation~~	129.00	
(11) TOTAL COST CHARGED TO FFO FUNDS	XXXXXXXXXX	\$3,851.15

OTHER COSTS:

(12) PS&S, AP, and/or Facilitating Services @ 16 %.....	\$ 616.18	
(13) Inventory and Other Non-Fund Costs		616.18
(14) GROSS WORK ORDER COSTS.....	XXXXXXXXXX	\$ 4,467.33

LESS:

(15) Residual Value of Construction Equipment on Line 8.....	\$	
(16) Other Credits ~~Less item on Line 10, including PS&S~~	RE 149.64	RE 149.64
(17) NET COST OF FIXED ASSETS.....	XXXXXXXXXX	\$ 4,317.69

Identify other costs and other credits by line item entry, on an attached schedule, or explain in narrative.

Completion Report Narrative

Construction started in June, 1965, with a crew of from 4 to 6 men. The installation was substantially completed in December. The system consists of one 2,000 gallon and one 1,000 gallon septic tanks. These tanks are in series and leach the effluent to the ground through 400 feet of leach line.

Lines run from each of the trailer houses to the septic tanks.

Pictures were not taken during the construction; therefore, none are submitted with this report.

Project contains 1,520 feet of pipe in addition to the pipe in the leach field.

STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

No. 3705 (3rd Revision)

Date 10/3/2017 6:12:07

Area or Office	Region
Community National Park	

Region	General Ledger Acct. No.
	102.1

The (Organizational Unit)[illegible]

under the supervision of William J. [redacted] is authorized and requested to proceed with the performance of the work or service described below in accordance with the detail and plan more specifically set forth in the drawing or plan referred to herein.

Statutory Authority (where necessary)

Plan No.	
----------	--

Title and/or Description of Project or Service to be Performed

PCP No.

Open Rings Development

Year Programmed

Water System, 4-1

Est. Starting Date	
--------------------	--

Est. Completion Date	12/1/2012
----------------------	-----------

Location of Work Requested

Energy Systems

ESTIMATE OF COSTS

Components of Costs	Amount	Project Features	Amount
Day labor		Day labor	
Personal Services	4,588.41	Installation of water	
Travel	521.58	system including 5,000	
Supplies and Materials	5,481.71	gal. reservoir	17,621.00
Other Direct Expense	2,223.12		
Equipment Operation	137.14	Install additional fire	
Equipment Depreciation	142.41	hydrant	144.54
		Retaining Claim	
		Investigation	491.00
TOTAL	13,044.26	TOTAL	13,044.26

Distribution of Copies		Remark	To provide funds for project feature C and to close project.
No.	TO		
2	TO [unclear]		XXXXXXXXXXXXXXXXXXXX Total increase: \$473.16
2	TO [unclear]		(Decrease Proj. Ftr. B - \$7.84 - Increase Proj. Ftr. C - \$481.00)
3	TO [unclear]	Approved by (Signature, Title, & Date)	
1	TO [unclear]	[Signature] J. Conner	4/27/67
1	TO [unclear]	[Signature] J. Conner, Police Superintendent	5/5/67
1	TO [unclear]	Regional Office Clearance when Required (Signature, Title, & Date)	
1	TO [unclear]	(Signed) M. Kochler, Program Coordinator, 5/5/67	
		ALLOTMENT ACTION	
		Allotment Advice No. 3-2330	
		Allotment Advice Date May 8 1967	
		Amount for Work Order 013 246 R7	

If Additional Space is Necessary, Use Reverse in Tumble Fashion

49785

Form 10-556
(June 1956)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

WORK ORDER

Area or Office Canyonlands National Park		Region SW	No. CANY 1705 (2nd Revision)
The DC, SSC (Organizational Unit)		General Ledger Acct. No. 102.1	Date 12/8/66
under the supervision of William L. Bowen is authorized and requested to proceed with the performance of the work or service described below in accordance with the detail and plan more specifically set forth in the drawing or plan referred to herein.		Fund Symbol 11X1035	Statutory Authority (where necessary)
Title and/or Description of Project or Service to be Performed Squaw Springs Development Water System, U-1		Plan No.	
Location of Work Requested Squaw Springs		Est. Starting Date 4/12/65	Est. Completion Date 12/31/66

ESTIMATE OF COSTS			
Components of Costs	Amount	Acctg. Code	Project Features
Day Labor			Day Labor
Personal Services	4,652.51	A	Installation of water system, including 5000 gal. reservoir
Travel	514.50		
Supplies and Materials	5,401.25		
Other Direct Expenses	1,742.27		
Equipment Operation	100.49	B	Install additional Fire hydrant
Equipment Depreciation	362.69		
TOTAL	12,773.71		TOTAL 12,773.71

Distribution of Copies		Remark To provide funds in amount of \$152.68 for Project Feature B, to comply with safety inspection report.
No.	TO	
1	DCSSC	
2	WASO	
3	SWRO	
1	EFO	
	Budget	
	Program	
1	CANY	

Approved by (Signature, Title, & Date) <i>Roger A. Contor</i> Roger A. Contor, Assistant Superintendent 12/8/66	ALLIOTMENT ACTION Allotment Advice No. 3-2301
Regional Office Clearance when Required (Signature, Title, & Date) <i>A. M. Roehner</i> A. M. Roehner, Program Coordinator, 12/16/66	Allotment Advice Date December 20, 1966
	Amount for Work Order \$12,773.71

If Additional Space is Necessary, Use Reverse in Tumble Fashion

49708

Form 10-556
(June 1956)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

WORK ORDER

WORK ORDER		No.	007-100 (Plant Revision)
		Date	Jan 27, 1946
Area or Office	Region	General Ledger Acct. No.	
Grandstands National Park	III	100-X1	
The <u>Forest & Wildlife Service, U.S. Forest Service</u> (Organizational Unit)		Fund Symbol	100-100
under the supervision of <u>Harvey L. Brown</u> is authorized and requested to proceed with the performance of the work or service described below in accordance with the detail and plan more specifically set forth in the drawing or plan referred to herein.		Statutory Authority (where necessary)	
		Plan No.	

Title and/or Description of Project or Service to be Performed	ICJ No.
General Electric Research and Development Center Electric System Unit	Year Programmed
	Est. Starting Date
	Est. Completion Date

Location of Work Requested

City/County: _____

ESTIMATE OF COSTS			
Components of Costs	Amount	Acctg. Code	Project Features
<u>Day Labor</u>			<u>Day Labor</u>
Personal Services	4,692.51	A	Installation of water
Supplies & Materials	5,828.57		system including 5,000
Other Direct Expenses	3,742.57		gal. reservoir
Equipment Operation	120.49		
Equipment Depreciation	242.00		
Travel	524.50		
TOTAL	15,021.03		TOTAL

Distribution of Copies		Remark	
No.	TO	To return the unexpended balance of \$70.97 as the project is complete.	
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2			
3		Approved by (Signature, Title, & Date)	ALLOTMENT ACTION
2		James H. Wilson, Assistant	Allotment Advice No.
1			1-461
1		Regional Office Clearance when Required (Signature, Title, & Date)	Allotment Advice Date
1		W. H. Kuehler, Asst. Dir. of Reg. Contr., 6/10/66	June 10, 1966
			Amount for Work Order
			\$2,622.03

If Additional Space is Necessary, Use Reverse in Tumble Fashion

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

No.
Date
General Ledger Acct. No.
Fund Symbol
Statutory Authority (where necessary)
Plan No.

Area or Office <u>Administrative Mailroom Work</u>	Region <u>2</u>
The <u>Administrative Mailroom</u> (Organizational Unit) under the supervision of <u>Mr. J. H. Smith</u> is authorized and requested to proceed with the performance of the work or service described below in accordance with the detail and plan more specifi- cally set forth in the drawing or plan referred to herein.	

Title and/or Description of Project or Service to be Performed	Funding Source	Funding Amount	Funding Period	Funding Agency	Funding Agency Address
Title and/or Description of Project or Service to be Performed	Funding Source	Funding Amount	Funding Period	Funding Agency	Funding Agency Address

County Spring Development
Water System Unit

PCP No.	1-3
Year Programmed	1965
Est. Starting Date	April 1, 1965
Est. Completion Date	1965

Location of Work Requested

ESTIMATE OF COSTS

ESTIMATE WORKS				
Components of Costs	Amount	Acc'tg. Code	Project Features	Amount
~~Day Labor~~				
Personal Services	1,620.00	A	Installation of Water	
Supplies and Materials	7,581.00		System including 4,000	
Other Direct Expenses	2,491.39		Gallon water reservoir	13,500.00
Equipment Depreciation	330.76			
TOTAL	13,500.00		TOTAL	13,500.00

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If Additional Space is Necessary, Use Reverse in Tumble Fashion

37315

Canyonlands National Park
Arches and Natural Bridges National Monuments
Uranium Building
Moab, Utah 84532

D5039

March 11, 1965

Memorandum

To: Regional Director, Southwest Region
From: Superintendent, Canyonlands
Subject: Project U-1, Cave Spring Water System-including Pump and 5,000
gallon water tank-Work Order D-5

We have purposely delayed submitting our requests for the temporary development in the Needles District hoping that the water well presently being drilled would produce water at the selected site. As of this date, no water has been encountered (over 200 ft. of well has been drilled). By guess and by review of recently obtained well logs of water wells that have been drilled in the near vicinity, we have concluded that available water may not be found until the 500 ft. mark has been reached. Since this will take several weeks of drilling, based on the past drilling progress, we have decided to proceed with development plans in order to get supplies and equipment on site for beginning of full-scale construction. We hope to get started later this month.

The list of calculated needs, with estimated costs for the water system, is based on a supply of water being located at present site. Should water not be available here, we will request funds for extra pipe and other supply and installation costs to a new water supply site. Failing the development of a water well near by, we can always revert back to our first plan of obtaining surface water through a sand-filter collection system in near-by Salt Creek.

The planned water distribution system includes installation of a 5,000 gallon water reservoir placed 100 ft. on top of the near-by cliff. This will be ideal to produce adequate water pressure. Several means of getting a tank to this elevation have been considered. We have concluded that no less than \$600 will be required for this purpose whether we contract fabrication at the site, rent power equipment to winch the fabricated tank to the site, or rent a helicopter to lift the tank to the site. If you have recommendations for accomplishing this task, we will appreciate receiving them.

The following list of costs is considered minimum requirements for constructing a water system for this temporary development:

Personal Services and Related Expenses:

	Hours		
Operator General	120	390.07	
Carpenter	120	369.32	
Maintenanceman	160	472.53	
Laborer	160	390.91	
Total Personal Services			1,623.63

Supplies and Materials:

1 ea. 5,000 gal. steel reservoir	1,200.00	
2,000 lin. ft. 3" PVC plastic pipe w/bell joints @1.50 per ft.	4,200.00	
16 ea. Plastic tee's 3" (3" run to 1", 2", and 3")	60.00	
10 ea. Plugs, 1"	5.00	
12 ea. Adapters, 3" plastic to 3" cast iron	12.00	
6 ea. 3" Gate valves for plastic pipe	72.00	
Assorted pipe fittings for 1"		
Laterals: includes stop & waists, gate valves, nipples, 1" plastic tubing, adapters, clamps, elbows, tees, and unions	300.00	
800 lin. ft. of Foamyglass pipe insulation 2" thick to cover the 800 ft. of 3" exposed plastic pipe: reinforced foil waterproofing and waterproof paint. Insulation w/waterproof wrapping - Est. 2.00 per ft.	1,600.00	
15 ea. Pipe hangers for exposed 800 ft of 3" water pipe. (Hangers and anchor bolts) - Est. 3.00 ea.	45.00	
1 ea. Water Pump package (quote from local supplier): includes 2 HP submersible water pump, 6" ID elec. control panel and elec. control cable, 400 ft. discharge pipe and well seal.	1,200.00	
Misc. supplies and materials not listed: includes equip. operation	600.00	
Total Supplies and Materials		9,314.00

Other Direct Expenses:

Place 5,000 gal. water reservoir at cliff elevation - Est.	800.00
Use of Trench Digger to dig 2200 lin. ft. water trench. 56 hrs @ 9.50 p/h.	532.00

Freight costs for supplies and materials, phone calls, and other necessary exp.	899.39	
Total Other Direct Expenses		2,231.39

Equipment Depreciation

Front End Loader	120 hr. @ 1.26 p/h	151.20
Dump Truck	2500 mi. @ .05¢ p/m	125.00
Pickup Truck	1500 mi. @ .025¢ p/m	37.50
Grader	16 hr. @ 1.00 p/h	17.28
Total Equipment Depreciation		330.98
TOTAL PROGRAM		\$13,500.00

We believe the above estimate is reasonable, and we are confident that an acceptable water distribution system can be constructed with this amount of funds. We will consider all possibilities to economically construct this facility, including contracting out portions of the job. We strongly believe, however, that we can do the job with our facilities, rental of equipment, and employment of a Carpenter, a Maintenance man, and a Laborer.

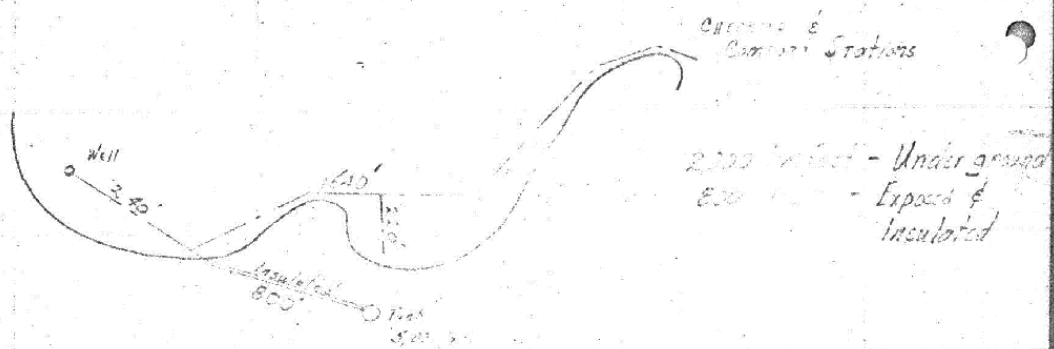
When all supplies and materials for the entire development have been determined, we propose to send administrative Officer Wintch to the GSA office in Denver to effect on-the-spot procurements to insure compliance with procurement regulations.

Bates E. Wilson

Enclosures:
Work Order-GWNY B-5
Sketch of Water System

KJWintch:sp

SKETCH no scale.
Water System
Salt Creek Temp. Hqs.
3" PVC Pipe



UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

WORK ORDER

WORK ORDER		No.
Area or Office		Date
General Ledger Acct. No.		Fund Symbol
The [] (Organizational Unit)		Statutory Authority (where necessary)
under the supervision of [] is authorized and requested to proceed with the performance of the work or service described below in accordance with the detail and plan more specifically set forth in the drawing or plan referred to herein.		Plan No.

Title and/or Description of Project or Service to be Performed	Funding Source	Funding Amount	Funding Period	Funding Agency	Funding Agency Address
Title and/or Description of Project or Service to be Performed	Funding Source	Funding Amount	Funding Period	Funding Agency	Funding Agency Address

Ground Spring Development Water System No. 2

PCP No.
Year Programmed
Est. Starting Date
Est. Completion Date

Location of Work Requested

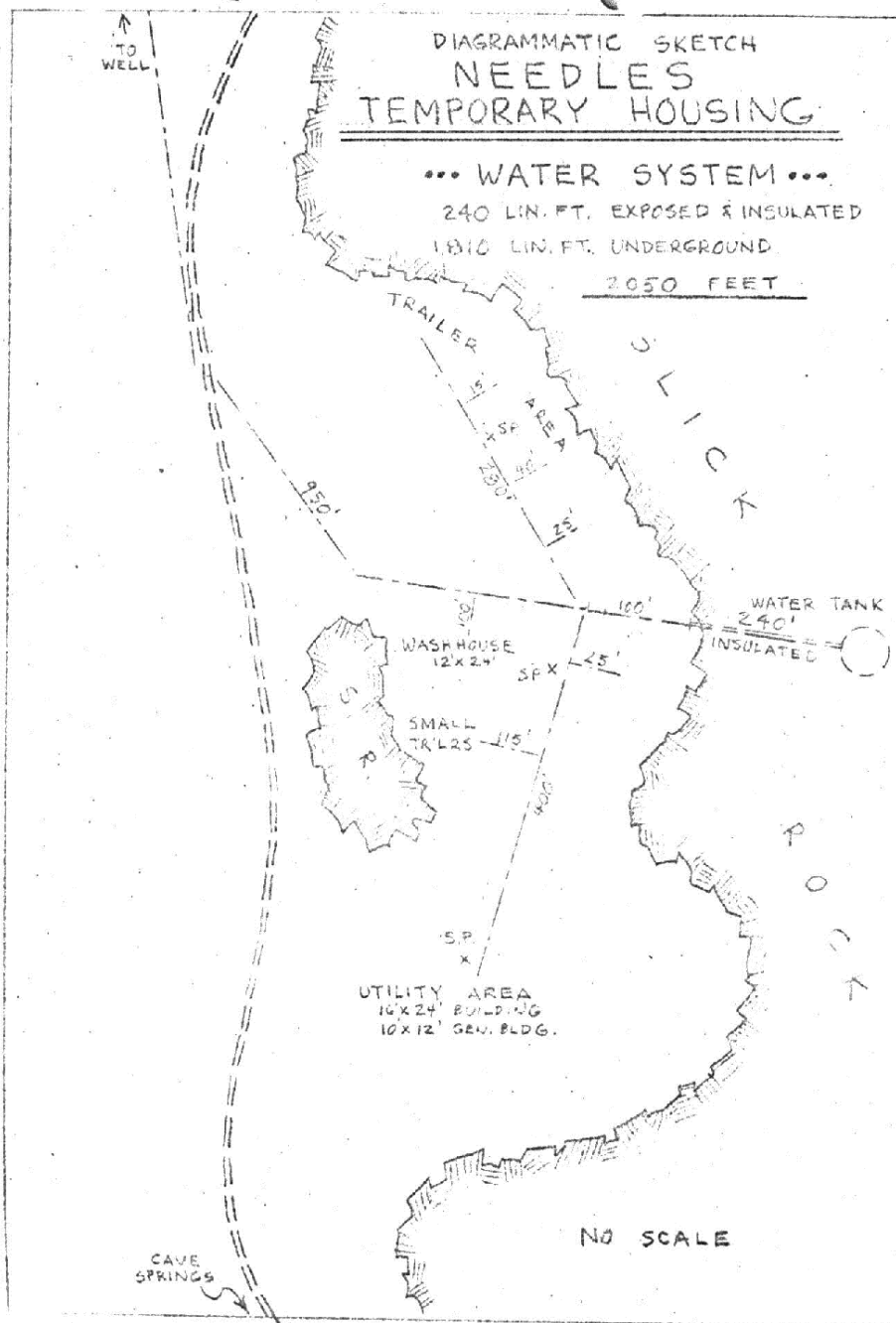
ESTIMATE OF COSTS

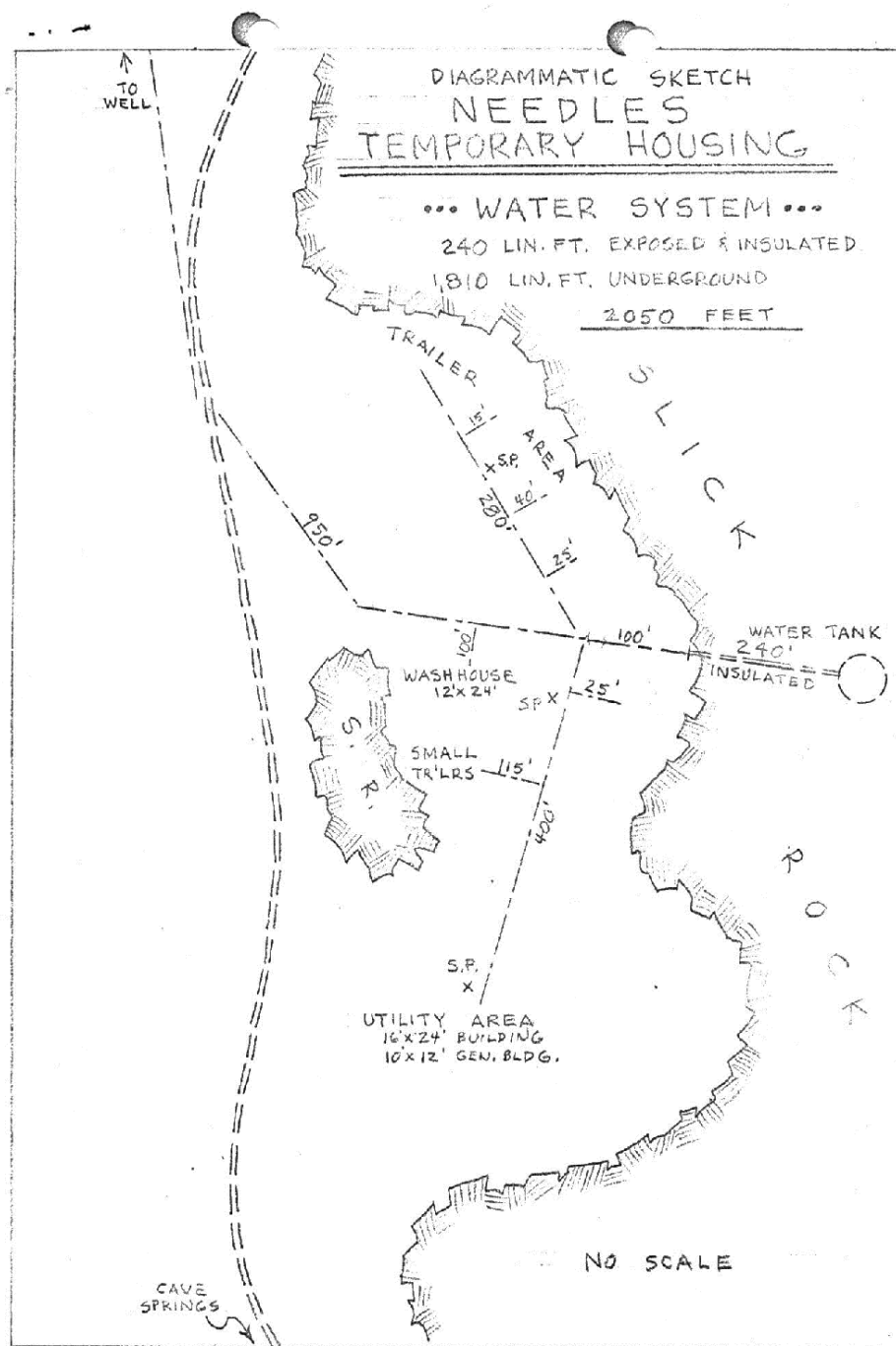
Components of Costs		Amount	Acctg. Code	Project Features	Amount
<u>Raw Labor</u>					
Personal Services		1,677.81	A	Installation of Water	
Supplies and Materials		4,214.00		System including 1,000	
Other Direct Expenses		2,701.79		gallon water reservoir	13,500.00
Equipment Depreciation		335.40			
TOTAL		12,528.99		TOTAL	13,500.00

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If Additional Space is Necessary, Use Reverse in Tumble Fashion

37315





154

Southwest Region
P.O. Box 728
Santa Fe, New Mexico
87501

JUN 20 1965

JUNE 20, 1965

State Engineer
403 State Capitol
Salt Lake City 14, Utah

Attention Mr. Jack A. Barnett

Dear Sir:

We have received your letter of June 21 requesting information on the four wells drilled in the Needles District of Canyonlands National Park.

These wells were drilled under Application No. 36771 and after testing it was decided to utilize three of the wells for domestic purposes.

Well No. 1 encountered water much too salty for use. Therefore, on May 26, we amended Application No. 36771 to show a new point of diversion. This is called Well No. 2 on your "Report of Well Driller." It is 65' deep and produces 33 gpm. This "Report of Well Driller" should be indexed under amended Application No. 36771 and is located S 10°5' W., 3433' from the northeast corner of Section 20, T. 30 S., R. 20 E., SLM.

Subsequently on June 7 we filed three additional applications. Two of these applications were for wells and one is for Squaw Springs which is a surface source. At the top of your "Report of Well Driller", you will note the title Well No. 3. It is 50' deep and produces 4 gpm. It is located N 25°29' E., 2019' from the southwest corner of Section 30, T. 30 S., R. 20 E., SLM.

The last "Report of Well Driller" denoted as Well No. 4 is a well 77' deep and yields 13 gpm. This well is located N 78°12' W., 1347' from the south quarter corner of Section 25, T. 30 S., R. 19 E., SLM.

The water sample which was submitted to you by the Utah Department of Health on June 4 was water taken from Well No. 2 located in the SE⁴ of Section 20, T. 30 S., R. 20 E.

It is noted under additional remarks for Well No. 1 that this well was filled and plugged and will not be utilized.

Sincerely yours,

(SIGNED)

George W. Miller
Assistant Regional Director
Operations

cc: Superintendent, Canyonlands

WEFields:dmr
6/30/65

G. D. CARLYLE THOMPSON, M.D.
DIRECTOR OF PUBLIC HEALTH



STATE BOARD OF HEALTH
WATER POLLUTION CONTROL BOARD
HOSPITAL ADVISORY COUNCIL
NURSING HOME ADVISORY COUNCIL
MENTAL HEALTH ADVISORY COUNCIL

UTAH DEPARTMENT OF HEALTH

45 FORT DOUGLAS BLVD.
SALT LAKE CITY 13, UTAH

June 4, 1965

CANYONLANDS NATIONAL PARK	
Administrative Officer	
Chief, Int. & Prot.	
Chief, Law & P.	
Chief, Archeol.	
Chief, Forest	
Chief, Game	
Chief, Geol.	
Chief, Hist.	
Chief, Insp.	
Chief, Int.	
Chief, Lab.	
Chief, Plan.	
Chief, Rec.	
Chief, Sec.	
Chief, Supv.	
Chief, Training	
Chief, Util.	
Chief, Welfare	
Chief, Zoning	

Superintendent
Canyonlands National Park
Branium Building
Moab, Utah

Gentlemen:

Enclosed is a copy of our laboratory report #65-66 covering results of chemical analysis of a water sample submitted from "Needles District Well #2" (State Engineer's Application No. 36771). The well is reportedly located in the SE $\frac{1}{4}$ Sec 20, T30S R20E.

The report indicates Total Dissolved Solids to be present in concentrations exceeding the maximum recommended levels prescribed in the U. S. Public Health Service Drinking Water Standards as follows:

Substance	Concentration in Sample	USPHS Maximum Recommended Concentration
Total Dissolved Solids	985 mg/l	500 mg/l

Because of the excessive Total Dissolved Solids concentration this water supply is considered to be of only "fair" chemical quality. It would be considered suitable, however, for use as a public water supply source in the absence of water of better chemical quality.

This report, in no way, implies approval of this water supply source for public use as other determinations are necessary before such approval can be made.

If you have any questions please let us know.

Very truly yours,

STATE DEPARTMENT OF HEALTH

Lynn M. Thatcher, Director
Division of Environmental Health

CKS/dm

cc: U.S.E.H.S. - Denver
State Engineer
San Juan County Health Officer

PLEASE NOTE: Sample cannot be analyzed until all blanks are filled in (See reverse side)

THE STATE OF UTAH
DEPARTMENT OF HEALTH
45 Ft. Douglas Blvd.
Salt Lake City 13, Utah

65-66

DO NOT WRITE HERE
Sample Received on _____
Analysis Authorized by
Calvin K. Sudweeks

WATER SAMPLE FOR CHEMICAL ANALYSIS ☒
WATER SAMPLE FOR RADIOLOGIC ANALYSIS ☐

SAMPLE COLLECTED FROM: (check one)

Stream ☐

Spring ☐

Well ☒

City or Town water distribution system ☐

Other ☐

(describe)

Needles District Well #2

EXACT DESCRIPTION OF SAMPLING POINT: (see note on reverse side) Needles District Well #2

- Sec 20, T30S R20E S1M or 1/2 mile East of Cave Spg - Canyonlands
National Park, San Juan County, Utah
STATE ENGINEER'S APPLICATION OR CLAIM NO. 36771

SUPPLY OWNED BY: U.S. Govt. USDI - National Park Service

PRESENT USE OF SUPPLY: None

PROPOSED USE OF SUPPLY: Public Water Supply

SAMPLE COLLECTED BY: L. Binning DATE: 3/20/65

REPORT RESULTS TO: Supt. Canyonlands National Park

Address: Uranium Bldg., Leach, Utah

DO NOT WRITE BELOW DOUBLE LINE

RESULTS OF ANALYSIS

Turbidity <u>5.5</u>	Turbidity Units	Iron (total) as Fe	<u>0.23</u> ^{0.2} mg/l
Conductivity <u>1630</u>	micromhos/cm	Iron in filtered sample	<u>0.05</u> mg/l
pH <u>8.4</u>		Lead as Pb as Fe	<u>0.00</u> ^{0.0} mg/l
Total Dissolved Solids <u>953</u>	mg/l	Magnesium as Mg	<u>101</u> mg/l
Alkalinity (total) as CaCO ₃ <u>405</u>	mg/l	Manganese as Mn	<u>0.00</u> ^{0.0} mg/l
Aluminum as Al	mg/l	Nitrate as NO ₃	mg/l
Arsenic as As	<u>0.00</u> mg/l	Phosphate as PO ₄	<u>0.00</u> mg/l
Barium as Ba	<u>0.08</u> mg/l	Phenols as Phenol	mg/l
Bicarbonate as HCO ₃	<u>480</u> mg/l	Potassium as K	<u>4.3</u> mg/l
Boron as B	<u>0.70</u> mg/l	Selenium as Se	<u>0.00</u> mg/l
Cadmium as Cd	<u>0.00</u> mg/l	Silica as SiO ₂	<u>12</u> mg/l
Calcium as Ca	<u>37</u> mg/l	Silver as Ag	<u>0.00</u> ^{0.0} mg/l
Carbonate as CO ₃	<u>6.66</u> mg/l	Sodium as Na	<u>150</u> mg/l
Chloride as Cl	<u>155</u> mg/l	Sulfate as SO ₄	<u>233</u> ^{2.3} mg/l
Chromium (hexavalent) as Cr	<u>0.00</u> mg/l	Surfactant as ABS	<u>0.00</u> ^{0.0} mg/l
Copper as Cu	<u>0.00</u> mg/l	Zinc as Zn	<u>0.01</u> ^{0.0} mg/l
Cyanide as CN	mg/l	Suspended alpha	uuc/l
Fluoride as F	<u>0.68</u> mg/l	Dissolved alpha	uuc/l
Hardness (total) as CaCO ₃	<u>506</u> mg/l	Suspended beta	uuc/l
Hydroxide as OH	<u>0.04</u> mg/l	Dissolved beta	uuc/l

Under "EXACT DESCRIPTION OF SAMPLING POINT" provide exact identification of the spring, well, stream, water distribution system, etc., from which sample was collected.

Describe the exact point (location of tap, etc.) in a DISTRIBUTION SYSTEM from which sample is collected, but do not attempt to describe individual water sources feeding the system.

When sample is collected from WELL or SPRING, give the name and exact location of the well or spring with respect to some permanent land mark.

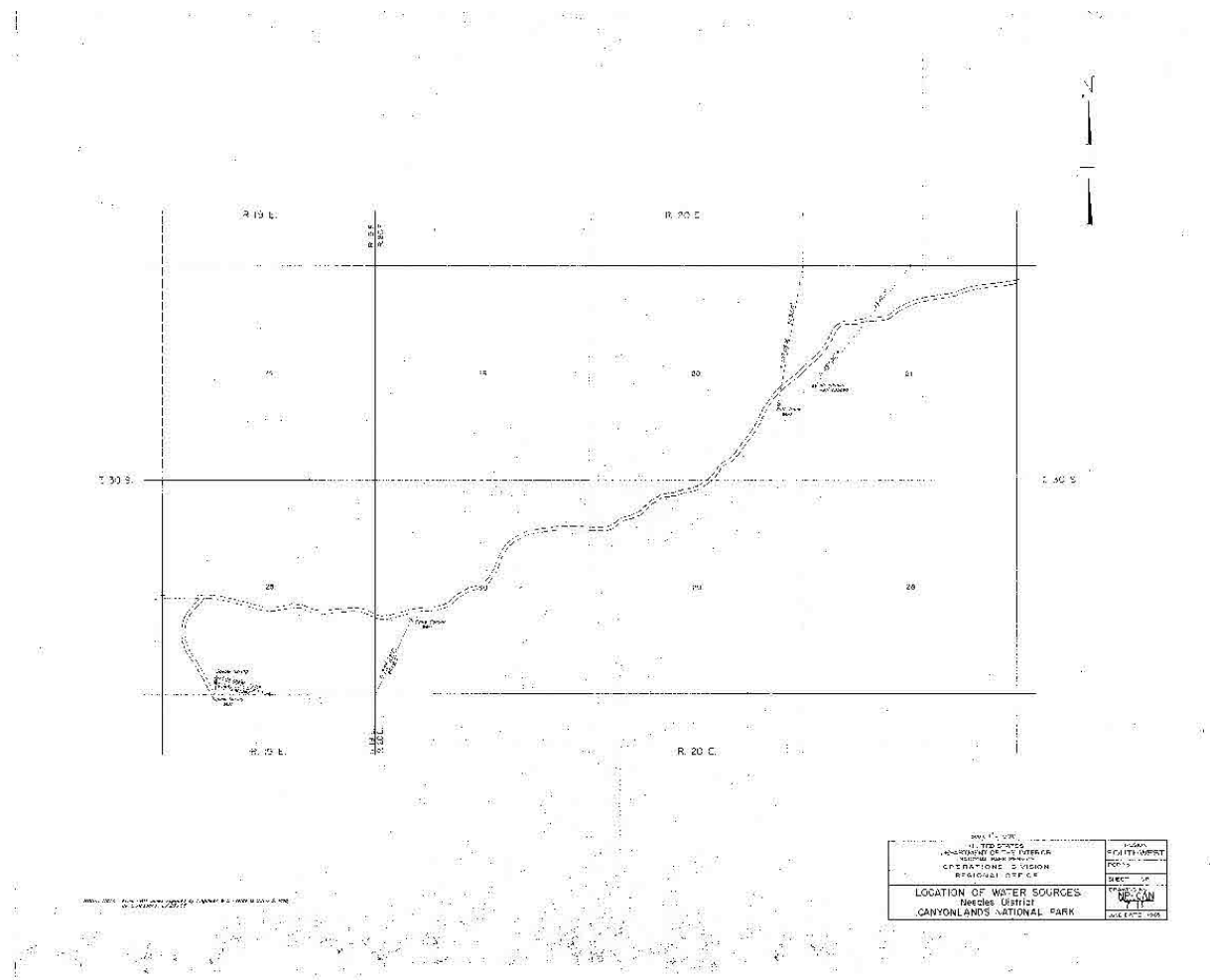
When sample is collected from a STREAM give the name of the stream and describe the exact point of collection with respect to some permanent landmark.

IMPORTANT: If sample is collected from a WELL or SPRING, or from a STREAM supplying a municipal system, give State Engineer's application or claim number.

COLLECT SAMPLE in a clean, one-gallon container, properly identify by filling out reverse side of this slip, and submit to Utah State Department of Health 45 Fort Douglas Boulevard, Salt Lake City.

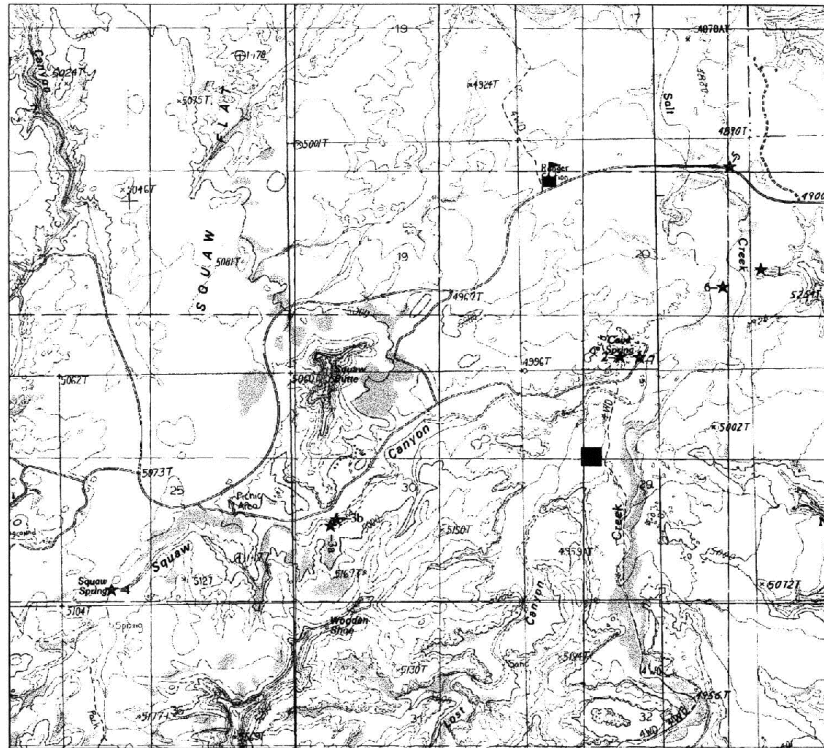
INTERPRETATION of analysis will be made by letter, accompanied by analysis report. In case of question concerning analysis, contact your local or state health department.

Maps and Miscellaneous Information

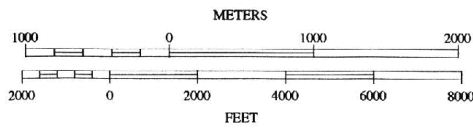




Well and Landfill Locations Needles District Canyonlands National Park

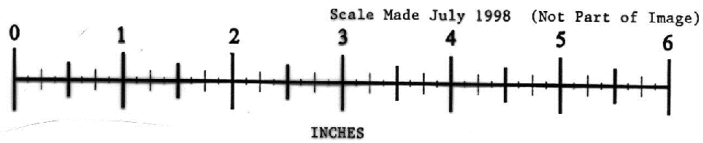


SCALE 1:30,000



Jan, 1998

- Paved Road
- Unpaved Road
- Hiking Trail
- Landfill Location
- Well Locations
- Ranger Station



2/9/98

HELLO JEFF:

The attached info. is
probably more than you
want to know on NEEDLES
wells.

Our producing well is #7.
We use this for domestic
water. Well #6 is our
back up well.

Please call on Fri 2/13/98

Mike Hunter

435-259-3911 x2150#

Docket Information

Number of Documents in Docket 90

Documents Dated from 8/7/1964 to 2/9/1998

Docket Compiled: 6/25/2012