



WATER-RIGHT DOCKET

San Juan Island National Historical Park

Docket No: 1

AMERICAN CAMP VISITOR CENTER & PARK HEADQUARTERS

State Water Rights Documentation

11-15-1982: certificate of water right: ground water; application no. g1-23171, permit no. g1-23171p, certificate no. g1-23171c

INDEXED 123730 ✓

United States Dept. of Interior
National Park Service
San Juan Island National Historical Park
300 Cattle Point Road
Friday Harbor, WA 98250

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

CERTIFICATE OF WATER RIGHT

☐ Surface Water (Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)

☒ Ground Water (Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE August 10, 1978	APPLICATION NUMBER G1-23171	PERMIT NUMBER G1-23171P	CERTIFICATE NUMBER G1-23171C *4008
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NAME UNITED STATES OF AMERICA, DEPARTMENT OF INTERIOR, NATIONAL PARK SERVICE,
SAN JUAN ISLAND NATIONAL HISTORICAL PARK

ADDRESS (STREET) (CITY) (STATE) (ZIP CODE)
300 Cattle Point Road Friday Harbor Washington 98250

This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown.

PUBLIC WATER TO BE APPROPRIATED

SOURCE
Well

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 3.5	MAXIMUM ACRE-Feet PER YEAR 1.5
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QUANTITY, TYPE OF USE, PERIOD OF USE
Group domestic supply - continuously

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL
150' feet west and 800 feet north of the S $\frac{1}{4}$ corner of Sec. 2

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION 2	TOWNSHIP N. 34	RANGE, (E. OR W.) W.M. 3 W	W.R.I.A. 2	COUNTY San Juan
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RECORDED PLATTED PROPERTY

LOT BLOCK OF (GIVE NAME OF PLAT OR ADDITION)

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

SE $\frac{1}{4}$ of Govt Lot 5, Sec. 2, T. 34 N., R. 3 W.W.M., San Juan County.

Filed for Record at the Request
of State of Wash.
NOV 22 1982
A.D., 19
at 5:00 p.m. past 12 P.M.
and recorded in vol. 912 of
482

96
10 VOL. PAGE 48

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390, and 90.44.020.

This certificate of water right is specifically subject to relinquishment for nonuse of water as provided in RCW 90.14.180.

Given under my hand and the seal of this office at Redmond Washington, this 15th day of November, 1982.



Department of Ecology

by Robert K. McCormick
ROBERT K. McCORMICK, Regional Manager

FOR COUNTY USE ONLY

49
PAGE
96
VOL
RECORD
SPEC

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PROOF OF APPROPRIATION OF WATER

APPLICATION NUMBER GI- 23171		PERMIT NUMBER GI-23171P	
NAME OF PERMITTEE NPS/USDI San Juan Island National Historical Park			
POST OFFICE ADDRESS 300 CATTLE POINT ROAD	(CITY) FRIDAY HARBOR	(STATE) WASHINGTON	(ZIP CODE) 98250
ACTUAL SOURCE OF APPROPRIATION WELL (USGS #34/3W-2P2)			
PURPOSE OR PURPOSES WATER IS USED FOR Domestic			
DATE WATER WAS COMPLETELY APPLIED TO PERMITTED USE July 1, 1978		IF USED FOR IRRIGATION: NUMBER OF ACRES ACTUALLY IRRIGATED	
IF SOURCE IS A WELL, IS AN ACCESS PORT NOW INSTALLED ☐ YES ☒ NO Well Drilled 1970		MONTHS DURING WHICH WATER IS USED 12	
PUMP SIZE 5 H.P.			
ACTUAL AMOUNT WITHDRAWN OR DIVERTED FROM PERMANENT SYSTEM 3.5		☒ GPM ☐ CFS	
HAVE ALL PROVISIONS AS REQUIRED BY PERMIT BEEN ACCOMPLISHED ☒ YES ☐ NO		IF NO, EXPLAIN	

GENERAL DESCRIPTION OF PROPERTY ON WHICH WATER IS USED (USE ADDITIONAL SHEET IF NECESSARY)

Part of large Park complex as follows: SE $\frac{1}{4}$ of Government Lot 5, Sec.2 T 34 N, R 2W.

STATE OF WASHINGTON,

County of

ss.

I, ..., being first duly sworn, depose and say that I have read the above and foregoing proof of appropriation; that I know the contents thereof; and that the facts therein stated are true.

IN WITNESS WHEREOF, I have hereunto set my hand this day of, 19.....

Description for
National Park Service
San Juan National Historical Park

English Camp Site

All of Section 25, Township 36 North, Range 4 West of the Willamette Meridian
EXCEPT the Northeast Quarter thereof and EXCEPT the East Half of the Southeast
Quarter thereof; and
EXCEPT County Roads.

ALSO all of Government Lots 1, 2, 11, 12, 13, 14 and 15 (Guss Island) in Sec-
tion 26 in said Township and Range.

American Camp Site

Government Lot 1 in Section 6 and all of Section 7 in Township 34 North, Range
2 West of the Willamette Meridian; and

All of Section 12, the Northeast Quarter of Section 11, the South Half of Sec-
tion 1 and the Southeast Quarter of Section 2 and also that portion of the
thwest Quarter in said Section 2 lying north and east of the County Road,
and all in Township 34 North, Range 3 West of the Willamette Meridian; and
EXCEPT County Roads.

Rehm & Condon, Inc. 3/22/73 rwc
3/23/73 rwc



STATE OF
WASHINGTON
Dmy-Lee-Ray
Governor

DEPARTMENT OF ECOLOGY
4350 - 150th Avenue N.E., Redmond, Washington 98062

206/885-1900

Barrett-4316

copy for you

January 29, 1981

National Park Service
300 Cattle Point Road
Friday Harbor, Washington 98250

Gentlemen:

Re: Ground Water Application No. G1-23171

Your application has been approved and a permit will be issued in accordance with the enclosed Report of Examination upon payment of the statutory fee of \$ 20.00. Please make your check payable to the Department of Ecology.

This letter and enclosed Report of Examination constitute our determination and order. Chapter 43.21B RCW provides that any person who feels aggrieved by such an order may submit an appeal to the Pollution Control Hearings Board of Washington, with a copy to the director of the Department of Ecology, within 30 days of receipt of the order. Procedures for requesting a hearing may be obtained from this department.

Please send your permit fee within 30 days.

Sincerely,

Robert K. McCormick

Robert K. McCormick
Regional Manager
NORTHWEST REGIONAL OFFICE

Enclosure

ECY 040-1-13
Rev. 6/78

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

**REPORT OF EXAMINATION
TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON**

- ☐ Surface Water (Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)
- ☒ Ground Water (Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE August 10, 1978	APPLICATION NUMBER G1-23171	PERMIT NUMBER	CERTIFICATE NUMBER
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NAME UNITED STATES OF AMERICA, DEPARTMENT OF INTERIOR, NATIONAL PARK SERVICE,
SAN JUAN ISLAND NATIONAL HISTORICAL PARK

ADDRESS (STREET) 300 Cattle Point Road	(CITY) Friday Harbor	(STATE) Washington	(ZIP CODE) 98250
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PUBLIC WATERS TO BE APPROPRIATED

SOURCE
Well

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 3.5	MAXIMUM ACRE-FEET PER YEAR 1.5
-------------------------------	-----------------------------------	-----------------------------------

QUANTITY, TYPE OF USE, PERIOD OF USE
Group domestic supply - continuously

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL
150 feet west and 800 feet north of the S $\frac{1}{4}$ corner of Sec. 2

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) SE $\frac{1}{4}$ SW $\frac{1}{4}$	SECTION 2	TOWNSHIP N. 34	RANGE, (E. OR W.) W.M. 3 W	W.R.I.A. 2	COUNTY San Juan
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RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
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LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

SE $\frac{1}{4}$ of Govt Lot 5, Sec. 2, T. 34 N., R. 3 W.W.M., San Juan County.

DESCRIPTION OF PROPOSED WORKS

Well (6" x 191") and a 5 HP pump, which delivers water to a series of Jacuzzi Hydrocells, with no storage tank. About 1,500' of iron pipe will serve the visitor center and park headquarters at American Camp.

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE: Complete	COMPLETE PROJECT BY THIS DATE: In Use	WATER PUT TO FULL USE BY THIS DATE: 1 yr from permit issuance
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REPORT ~~PROVISIONS~~Background:

Application was filed on August 10, 1978 by S. J. Zachwieja, superintendent, U.S.A., Department of Interior, National Park Service, for 3.5 gallons per minute (gpm) from a well. The water is used for domestic, public restrooms, drinking fountain and limited irrigation of less than one-half acre. Legal notice was published in the Friday Harbor Journal on November 15 and 22, 1978. No protests are of record.

Investigations:Field:

A field examination was conducted on April 23, 1980. Mr. Frank Hastings, present superintendent, opened the well pumphouse. The static level was measured at 40'5½". The well serves just the visitor center, park headquarters office, restrooms and fountains at the American Camp, National Historical Park. The system is complete and in use. The actual use is no more than 3.5 gpm. The 6"x191" well is located 1700 feet from Eagle Cove and at 130 feet mean sea level.

Office:

The annual quantity of 0.5 acre-feet per year is from Department of Ecology Quantity Allocation Guidelines, 1980, for domestic use with small gardens. The visitor center and park headquarters are considered two small domestic services. The public restrooms and drinking fountains will be considered as the third service.

Northwest Region records show the only nearby well to be that of the Eagle Cove Estates, Water Right No. G1-00653C, 50 gpm, group domestic. This well is 400 feet southwest of the park well. The Park Department reports that during a 24-hour pump test of their well in June 1970, at an average of 26.5 gpm, there was a 9.8 foot drawdown in the Eagle Cove well. This took place with a drawdown in the Park Department well of 51.8 feet. The specific capacity in the Eagle Cove well is 26.5 gpm/9.8 feet, 2.7 gpm/foot of drawdown, indicating 1.3 feet of drawdown at a rate of 3.5 gpm -- if pumped for 24 hours, which will likely never occur. (26.5 gpm is a capacity indication only and cannot be pumped under this permit.)

Conclusion:

It is concluded that water is available as requested, the use is beneficial and withdrawal in the quantities requested will not adversely affect existing rights or be detrimental to the public welfare. Three and one-half gpm will provide no adverse drawdown in the Eagle Cove well.

Recommendation:

It is therefore recommended that permit issue for an instantaneous withdrawal rate of 3.5 gallons per minute, with an annual quantity not to exceed 1.5 acre-feet per year, for the group domestic supply of three services.

REPORT BY:

Jim Harris
(100-2-2-)

DATE:

UNITED STATES GOVERNMENT

memorandum

DATE: September 12, 1978

REPLY TO
ATTN OF: Associate Regional Director, Planning and Resource Preservation,
Pacific Northwest Region
SUBJECT: Water Rights at American Camp

TO: Superintendent, San Juan Island National Historical Park

Enclosed is a copy of the water rights application which was filed August 4 with the Redmond Office of the Washington Department of Ecology.

A field examination will be made by the Department of Ecology sometime after the 30-day waiting period after the application was filed. This examination will be to determine if we have established a beneficial use of the amount of water claimed in the application.

A copy of the application together with required enclosures and back-up data is enclosed for your reference and to include in a water docket file. Since San Juan National Historic Park has no existing water rights on record, this will become SAJH Water Docket No. 1, Title: American Camp Headquarters and Visitor Center. Please set this up in a permanent file which will include all pertinent correspondence, memos, legal papers, applications, permits, and descriptions of the water system or systems serviced by this well (U.S.G.S. File No: 34/3W-2P2).

If there are any questions on this matter, please contact Don Barrett.

Glenn D. Gallison

Enclosures



Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

☆ U.S.GPO:1977-0-241-530 3089

OPTIONAL FORM NO. 10
(REV. 7-76)
GSA FPMR (41 CFR) 101-11.6
5010-112



APPLICATION FOR PERMIT TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

☐ SURFACE WATER ☒ GROUND WATER

\$10.00 MINIMUM STATUTORY EXAMINATION FEE REQUIRED WITH APPLICATION

(GRAY BOXES FOR OFFICE USE ONLY)

APPLICATION NO.	W.R.I.A.	COUNTY	PRIORITY DATE	TIME	ACCEPTED
APPLICANT'S NAME United States of America, Dept. of Interior, Natl Park Service			BUSINESS/TELEPHONE No. 206 442-4316		
San Juan Island National Historical Park by S. J. Zachwieja, Supt.			WATERCOURSE No. 378-2240		
ADDRESS (STREET) 300 Cattle Point Road		(CITY) Friday Harbor	(STATE) Washington	(ZIP CODE) 98250	

DATE & PLACE OF INCORPORATION IF APPLICANT IS A CORPORATION

1. SOURCE OF SUPPLY	
IF SURFACE WATER	IF GROUND WATER
SOURCE (NAME OF STREAM, LAKE, SPRING, ETC.) (IF UNNAMED, SO STATE)	SOURCE (WELL, TUNNEL, INFILTRATION TRENCH, ETC.)
TRIBUTARY	Well
	SIZE AND DEPTH
	6-inch I.D., 191-feet

2. USE	
USE TO WHICH WATER IS TO BE APPLIED (DOMESTIC SUPPLY, IRRIGATION, MINING, MANUFACTURING, ETC.)	
Domestic, public restrooms and drinking fountain, and limited irrigation on less than $\frac{1}{2}$ acre.	
ENTER QUANTITY OF WATER REQUESTED USING UNITS OF:	CUBIC FEET PER SECOND OR GALLONS PER MINUTE $2\frac{1}{2}$ GPM
ACRE FEET PER YEAR	
TIMES DURING YEAR WATER WILL BE REQUIRED	
Water will be used year around but maximum use, over 5000 gpd, will occur only during summer.	

IF IRRIGATION, NUMBER OF ACRES	IF DOMESTIC USE, NUMBER OF UNITS BY TYPE, E.G. 1-HOME, 1-MOBILE HOME, 2-CAMPSITES, ETC.	IF MUNICIPAL USE, ESTIMATED POPULATION 20 YEARS FROM TODAY
DATE PROJECT WAS OR WILL BE STARTED	DATE PROJECT WAS OR WILL BE COMPLETED	
Estimated date: June 1, 1978	July 1, 1978	

3. LOCATION OF POINT OF DIVERSION/WITHDRAWAL					
3A. IF IN PLATTED PROPERTY					
LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)	SECTION	TOWN	RANGE
ALSO, PLEASE ENCLOSE A COPY OF THE PLAT AND MARK THE POINT(S) OF WITHDRAWAL OR DIVERSION					

3B. IF NOT IN PLATTED PROPERTY					
ON ACCOMPANYING SECTION MAPS, ACCURATELY MARK AND IDENTIFY EACH POINT OF DIVERSION. SHOW NORTH-SOUTH AND EAST-WEST DISTANCES FROM NEAREST SECTION CORNER OR PROPERTY CORNER.					
ALSO, ENTER BELOW THE DISTANCES FROM THE NEAREST SECTION OR PROPERTY CORNER TO THE DIVERSION OR WITHDRAWAL.					
The well is located approximately 150' west of and 800' north of the SE corner of Sec. 2					
LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE (E OR W.)	W.M.	COUNTY
Gov. Lot 5	2	34	2 W		San Juan

4. DO YOU OWN THE LAND ON WHICH THIS SOURCE IS LOCATED. IF NOT, INSERT NAME & ADDRESS OF OWNER
United States of America (Legal Owner)

5. LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED
ATTACH A COPY OF THE LEGAL DESCRIPTION OF THE PROPERTY (ON WHICH THE WATER WILL BE USED) TAKEN FROM A REAL ESTATE CONTRACT, PROPERTY DEED OR TITLE INSURANCE POLICY. OR, COPY CAREFULLY IN THE SPACE BELOW.

The site on which the water is to be used is in the SE $\frac{1}{4}$ of Gov. Lot 5, Section 2 of T 34 N., R. 2 W. WM. It consists of about 2 acres located just north of the old Cattle Point Road, about 1000 feet southeast of the junction Y with the Eagle Cove Road. The site is located within the boundaries of American Camp portion of San Juan Island National Historical Park.

WHAT IS YOUR INTEREST IN THE PROPERTY ON WHICH THE WATER IS TO BE USED (PROPERTY OWNER, LESSEE, CONTRACT PURCHASER, ETC.)

Owner

ARE THERE ANY EXISTING WATER RIGHTS RELATED TO THE LAND ON WHICH THE WATER IS TO BE USED (INCLUDING WATER PROVIDED BY IRRIGATION DISTRICTS OR DITCH COMPANIES.)

☐ YES☒ NO

IF YES, FROM WHAT SOURCE (i.e. SURFACE OR GROUND WATER) AND UNDER WHAT AUTHORITY

6. DESCRIPTION OF SYSTEM PROPOSED OR INSTALLED

(FOR EXAMPLE: SIZE OF PUMP, CAPACITY OF PUMP, PUMP MOTOR HORSE POWER, PIPE DIAMETER, NUMBER OF SPRINKLERS, ETC.)

The NPS well (USGS No. 34/3W-2P2) will be equipped with a Reda 5 hp Mod. 559B551 pump, series 9D55E. This will feed into 1300 feet of cast iron pipe which will go to the Visitor Center and Park headquarters. The water system will serve a semipublic restroom, public drinking fountain and three outside 3/4" hose connections. A 1 1/2" fire hydrant will also be installed. The maximum capacity of the system will be limited to 30 gpm. There will be no storage tank but a series of Jacuzzi Hydrocells will be installed.

7. REMARKS Nothing herein shall constitute a waiver of any other right which the United States may have to the same water.

The well, USGS No. 34/3W-2P2, was drilled in 1970. A pump test in June 1970 yielded up to 30 gpm during a 24 hour period. The average yield during the test was 26.5 gpm with a final drawdown of 51.8 feet. Indications are if the well were pumped continuously for 10 days at 30 gpm the drawdown would be on the order of 65 feet. The well is 191 feet deep and cased with a 6-inch ID steel pipe to 41 feet. From 40 to 191 feet the well penetrated schistose bedrock. The main water bearing zones are at 154, 155 feet and 164 feet. Static water level in June 1970 was 36.1 feet. The static level in June 1977 was 38.1 feet. The Eagle Cove Estates well (USGS No. 34/3W-2P1) located 400' SW was drawn down 9.8 feet during the same June 1970 test. It is estimated this well would drawdown 25' after 10 days of pumping well 34/3W-2P2 at 30 gpm.

IF 10 ACRES OR MORE OF WATER IS TO BE STORED AND/OR IF THE WATER DEPTH WILL BE 10 FEET OR MORE AT THE DEEPEST POINT, A STORAGE PERMIT MUST BE FILED IN ADDITION TO THIS PERMIT. THESE FORMS CAN BE SECURED, TOGETHER WITH INSTRUCTIONS, FROM THE DEPARTMENT OF ECOLOGY.

SIGNATURES

By *A. J. Fackler*
Superintendent of San Juan Island Natl Hist. Park
For the United States of America

LEGAL LANDOWNER'S SIGNATURE

300 Cattle Point Road, Friday Harbor, Washington 98250

LEGAL LANDOWNER'S ADDRESS

FOR OFFICE USE ONLY

STATE OF WASHINGTON }
DEPARTMENT OF ECOLOGY } SS.

This is to certify that I have examined this application together with the accompanying maps and data, and am returning it for correction or completion as follows:

In order to retain its priority date, this application must be returned to the Department of Ecology, with corrections, on or before....., 19.....

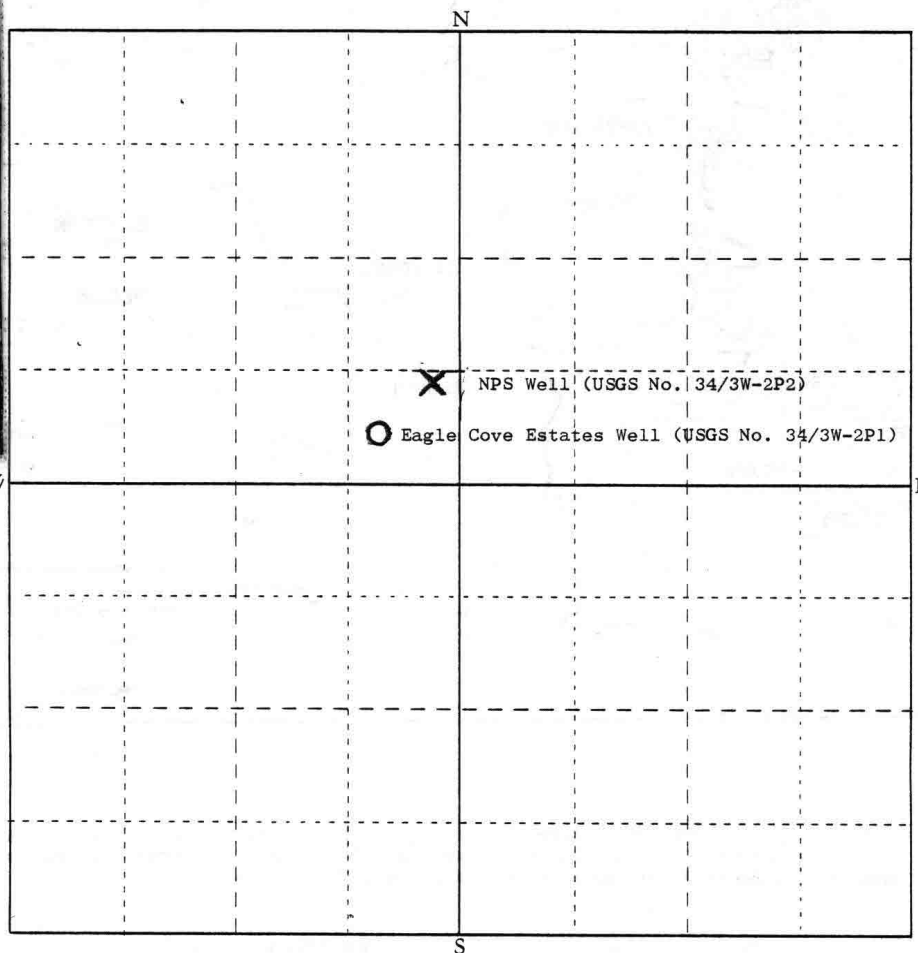
Witness my hand this.....day of....., 19.....

Department of Ecology

SECTION MAP



Sec. 2 Twp. 34 N. R. 2 W.



Scale: 1 inch = 800 feet (each small square = 10 acres)

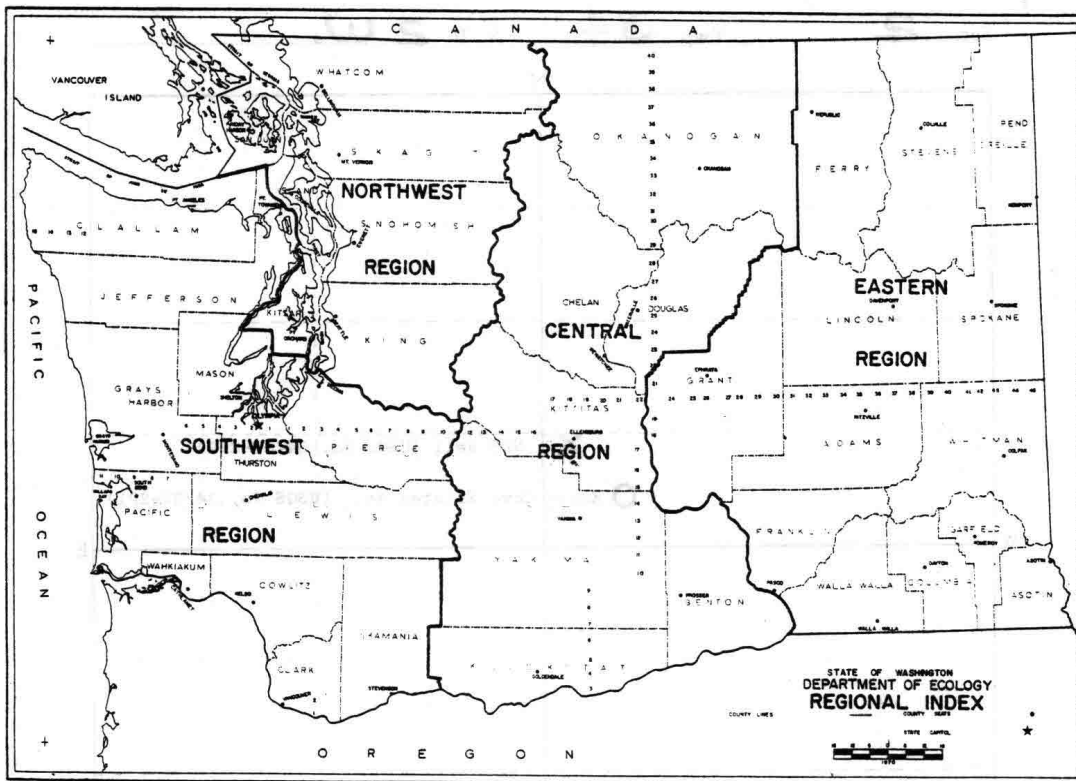
Show by a cross (X) the location of point of diversion (surface water source) or point of withdrawal (ground water source). For ground water applications, show by a circle (O) the locations of other wells or works within a quarter of a mile. Indicate traveling directions from nearest town in space below.

The park well is about $4\frac{1}{2}$ miles south of Friday Harbor on Cattle Point Road.

The well is about 100 feet to the east of the road just before the junction with the Eagle Cove Road.

Detach here

Fold along scale



Your water right application will be processed by the Regional Office of the Department of Ecology having jurisdiction in the area in which your water works are located. Please submit your completed application form, maps, sketches and \$10.00 examination fee to the appropriate Regional Office.

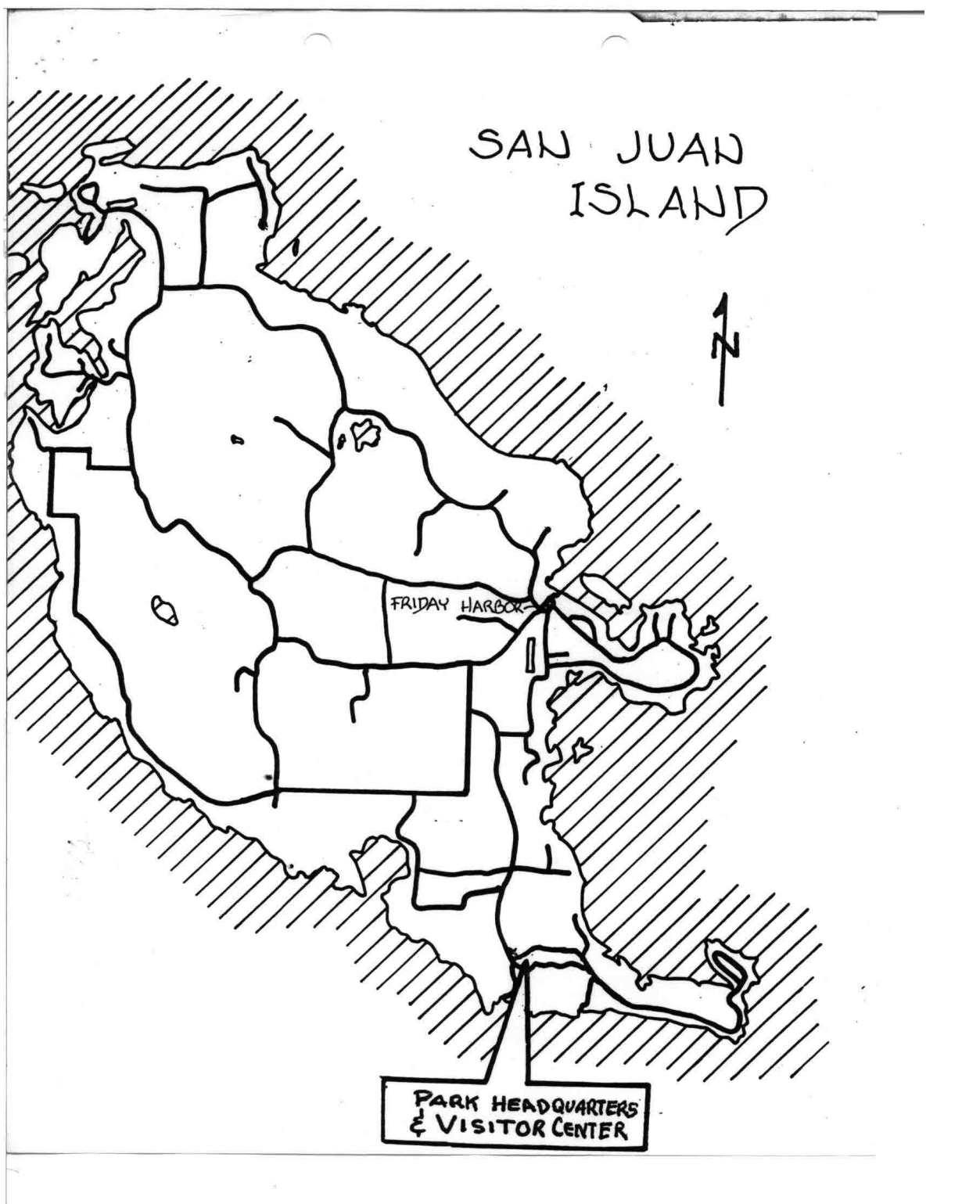
Northeast Regional Office
4350 150th Avenue N.E.
Redmond, Washington 98052
Tel. (206) 885-1900

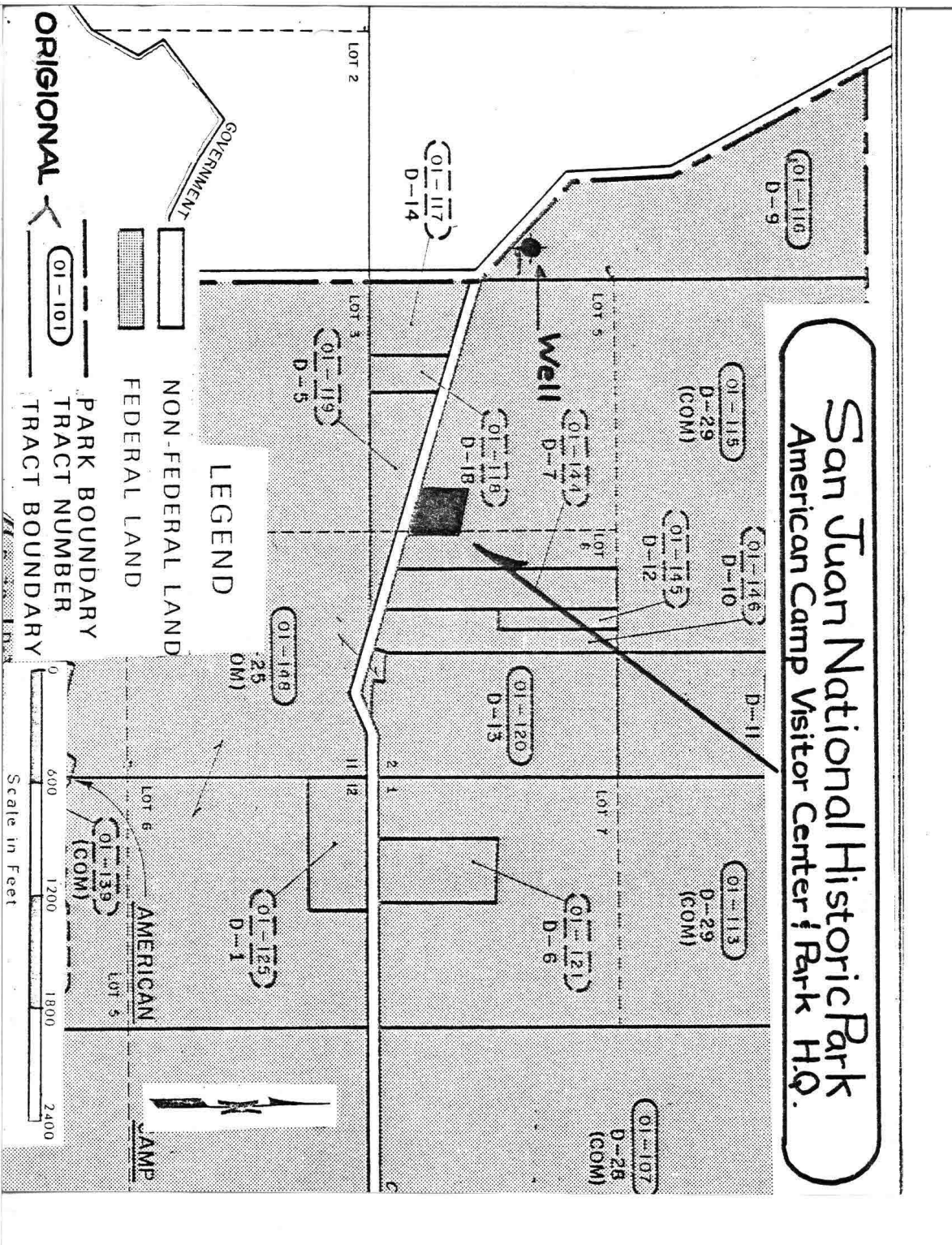
Central Regional Office
2802 Main Street
Union Gap, Washington 98903
Tel. (509) 248-0981

Southwest Regional Office
7272 Cleanwater Lane
Olympia, Washington 98504
Tel. (206) 753-2970

Eastern Regional Office
103 East Indiana Avenue
Spokane, Washington 99207
Tel. (509) 456-2926

- The appropriate Regional Office will be happy to answer any further questions you may have.





OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA FPMR (41 CFR) 101-11.6

UNITED STATES GOVERNMENT

Memorandum

TO : Chuck Petty and/or Owen Williams

FROM : Steve Gobat, San Juan Island N.H.P.

SUBJECT: Water Rights Information

DATE: April 16, 1992

Enclosed is the information that you requested while you were here.

Thanks, *Wanda Anderson*



5010-109

Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan



IN REPLY REFER TO:

United States Department of the Interior

NATIONAL PARK SERVICE
San Juan Island National Historical Park
P.O. Box 429
Friday Harbor, Washington 98250

*America
Campbell*

L 54 (SAJH)

March 10, 1992

Ellen Thompson
Northwest Drinking Water Operations
Department of Health
1511 Third Ave., Suite 719
Seattle, WA 98101-1632

Dear Ms Thompson:

Enclosed is a corrected copy of our "Water Facilities Inventory" form that we recently received from your office. Areas that were corrected are highlighted in yellow.

Please supply us with a copy of the final updated form.

Sincerely,

Robert E. Scott
Robert E. Scott

enc:



STATE OF WASHINGTON
DEPARTMENT OF HEALTH
1511 Third Ave., Suite 719 • Seattle, Washington 98101-1632

March 5, 1992

Dear Water System Manager:

The Department of Health, Drinking Water Section maintains a record of information on all public water system. This information is gathered periodically using a Water Facilities Inventory Form (WFI). This form has been used by the State of Washington for approximately 20 years, and has recently been revised to include information required by various state and federal regulations. We are asking for your assistance in updating information on your water system on the "new" WFI forms.

Enclosed is a copy of your current WFI and a self addressed, stamped envelope. Please update the information in the highlighted areas on the form. Instructions for completing the WFI are on the back of the form. Return the completed form by March 18, 1992.

Please note that box #3, system name and address, is the mailing address for the system, not the actual location of the source.

Your help is greatly appreciated. Please contact me at (206) 587-5583 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Ellen Winningham".

Ellen Winningham
Northwest Drinking Water Operations

Enclosures

WASHINGTON STATE
DEPARTMENT
OF HEALTH
ENVIRONMENTAL HEALTH

WATER FACILITIES INVENTORY (WFI)

READ INSTRUCTIONS ON BACK BEFORE COMPLETING

DATE PRINTED: 03/04/9

UPDATED

DATE UPDATED: 03/03/9

1. SYSTEM ID NO. NP020X	2. COUNTY SAN JUAN	GROUP B	TYPE 2	WFI# 2	WFI COMPLETED BY TITLE
3. SYSTEM NAME AMERICAN CAMP					DAY TELEPHONE DATE
STREET ADDRESS SAN JUAN IS. NAT'L PK					8. SUBMITTED FOR ☐ NEW SYSTEM ☐ NO CHANGE ☐ REACTIVATE ☐ SYSTEM NAME CHANGE * ☐ OTHER ☐ DELETE
PO BOX 429					* OLD SYSTEM NAME - ENTER ONLY IF CHANGING WITH THIS WFI
CITY FRIDAY HARBOR					STATE WA
ZIP CODE 98250					
4. OWNERS NAME NATIONAL PARK SERVICE					11. IN THE APPROPRIATE BOX(ES) BELOW, ENTER THE RESIDENTIAL POPULATION SERVED.
888 STATE STREET					☐ LESS THAN 60 DAYS / YR
PO BOX 429					☒ 60-180 DAYS / YR
FRIDAY HARBOR					☐ MORE THAN 180 DAYS / YR
STATE WA					
ZIP CODE 98250					
5. TITLE PARK SUPERINTENDENT					12. SYSTEMS SERVING ANY NON-RESIDENTS (I.E., TRAVELERS, EMPLOYEES, STUDENTS, ETC.), COMPLETE THIS SECTION.
EVENING TELEPHONE (206) 378-2240					13. DOES THE SYSTEM SERVE AT LEAST 25 OF THE SAME NON-RESIDENTS FOR 4 OR MORE DAYS PER WEEK FOR AT LEAST 180 DAYS PER YEAR?
6. OWNERSHIP (CHECK ONE ONLY)					☐ YES ☒ NO
☐ PRIVATE: NON-PROFIT ☐ PRIVATE: FOR-PROFIT ☐ LOCAL GOVERNMENT (COUNTY / CITY / PUD / WATER DISTRICT) ☐ STATE ☒ FEDERAL					14. TOTAL NUMBER CONNECTIONS METERED
7. PREDOMINANT CHARACTERISTIC (CHECK ONE ONLY)					15. DISTRIBUTION RESERVOIR(S) TOTAL CAPACITY
☐ RESIDENTIAL ☒ BUSINESS / INDUSTRIAL / AGRICULTURAL / COMMERCIAL ☐ LODGING / FOOD SERVICE ☐ SCHOOL / DAY CARE ☐ OTHER (CHURCHES, ETC.)					16. GALLONS

17. DOH SOURCE NUMBER	18. SOURCE NAME	19. SOURCE CATEGORY	20. USE	21. TREATMENT	22. WELL DEPTH (FEET)	23. SOURCE CAPACITY (GPM)	24. SOURCE LOCATION	25. SOURCE LOCATION	26. SOURCE EVALUATION
501	WELL	X	X	X	191	30	SE/SW 02	34N 03W	

26. MINIMUM REQUIRED BACTERIOLOGICAL SAMPLING SCHEDULE											
27. ONCE A YEAR											
NO. APPROVED SERVICES (PER PLANS)											
DATE OF LAST SANITARY SURVEY											
BY DOH											
LHD											
SYSTEM IN CRITICAL WATER SUPPLY SERVICE AREA? ☐ YES ☐ NO											
GW MGMT AREA? ☐ YES ☐ NO											
FOR LHD USE ONLY											
EFFECTIVE DATE RETRO. CHANGES											
SIGNATURE OF DOH REVIEWER											
DATE											

WATER SYSTEM

January 4, 1988

L54 (476)
SAJH./General

Memorandum

To: Regional Director, Pacific Northwest Region
From: Acting Chief, Water Resources Division
Subject: Technical Assistance Regarding the Potable Ground Water Situation in
American Camp, San Juan NHP

Attached is Don Barrett's trip report memorandum on the technical assistance requested by your memorandum of September 3, 1987.

If we can be of further assistance please call Ken Czarnowski at (303) 221-5341.

Dan B. Kimball

Dan B. Kimball

Attachment

cc: Superintendent - SAJH
Regional Water Resources Contact - PHRO
Ron Hyra - PHRO
Chief, Water Rights Branch - WRD

January 1, 1988

LSA (470)
SAJH/General

Memorandum

To: Acting Chief, Water Resources Division
Through: Chief, Water Services Branch, Water Resources Division
From: Hydrologist, Water Services Branch, Water Resources Division
Subject: Report on Trip to San Juan Island National Historic Park (SAJH),
November 3-5, 1987

PURPOSE OF TRIP: The trip was made in response to a July 20, 1987 memorandum from the Regional Director, PNR, requesting technical assistance regarding potable water supplies for a proposed new visitor center in the American Camp Unit of the Park, and to evaluate possible ground water depletion of the unconsolidated aquifer in the State lands which lie between the east boundary of the American Camp Unit and the private developments of Cattle Point.

Specifically, the purpose of the trip was to meet with Regional and Park staff to discuss hydrologic impacts of the use of privately-owned water wells on wetland resources in the Park and to locate all wells, springs, seeps, and wetland areas in the Cattle Point area of the American Camp Unit. This information would enable us to evaluate the impact of depleting the unconsolidated water table aquifer being used for water supply by developments in the Cattle Point area.

Because I am retiring soon, a secondary purpose of the trip was to provide Park staff and Ron Myra with a history of past exploration efforts to find domestic water supplies for the Park.

ITINERARY: Departed Fort Collins on November 2. On duty at SAJH November 3-5. Returned to Fort Collins on November 6.

COMPANIONS: As arranged, I met with Stan Ponce, Chief, Water Rights Branch, Water Resources Division, at the Park on November 2-3 to provide assistance regarding his water rights evaluation.

CONTACTS: Ron Myra, Water Rights Coordinator, PNR Office, and Steve Gobat, Acting Superintendent, SAJH (November 3-5), and Andy Cohen, Acting Chief Ranger, SAJH (November 3-4).

ACCOMPLISHMENTS: Ron Myra, Stan Ponce, and I met with the Park staff on November 3 to discuss the hydrologic and water right concerns of the American Camp Unit adjacent to Cattle Point. November 4, I made a general reconnaissance of the area along the east boundary of the Park adjacent to the State land to locate well sites on the State and NPS land and determine their relative positions and distances apart. Also, as a group, we looked for natural wetlands or seeps in the Park which may be impacted by the wells. These impacts may include reduction in flow or a change in the dissolved solids content of the water. After our examination of the American Camp Unit, Mr. Myra and I toured the English Camp Unit of the Park.

OBSERVATIONS: During my field reconnaissance at Cattle Point and the American Camp Unit, I located and examined one unused NPS well and two active private wells or well groups. This reconnaissance indicates that the establishment of a monitoring system for the Cattle Point aquifer would require a separate datalogger for each observation site since the distances between sites is too great to extend the probe cables and still have enough line to penetrate the well. The monitoring program would provide data to allow an evaluation of the effect, if any, the pumpage of nearby wells is having upon the Cattle Point fresh water lens aquifer.

We found only one wetland or seep which may result from fresh water leakage from the Cattle Point aquifer to maintain its unique semiaquatic environment. Also, a small lagoon, "Third Lagoon," could be receiving some fresh water from the aquifer. Further study would be necessary to evaluate the source of Third Lagoon water.

CONCLUSIONS/RECOMMENDATIONS: The need for monitoring water levels in the wells will be determined by Stan Ponce, based upon his evaluation of a possible water rights problem which may exist between the Park Service and the private ground water users in the Cattle Point area. The basis of the problem lies in the Park's ability to establish a need for fresh water to maintain the wetland and seeps noted during our reconnaissance of the area near the Park's eastern boundary.

Continued dependence on the existing well serving the present Visitor Center is not advisable. Analysis of the aquifer test performed in June 1971, indicates that this well is in hydrologic continuity with another domestic well used by several parties in the Eagle Cove area west of the American Camp Unit boundary. The aquifer here is a fractured phillite bedrock. The heavy use of this aquifer has apparently brought in chloride ions and increased the specific conductance to a high level, thus lowering the water quality.

Based on my previous work in the area, there appear to be two options for developing another potable water supply for the new Visitor Center in the American Camp Unit. The Mt. Finlayson area contains the only ground water

source in the area which has not become brackish from saltwater intrusion. A well with a broken casing in T 34 N, R 2 W, Section 6, drilled before the Park Service acquired the land, is reported to produce fresh water from a bouldery gravel. Because of an offset break in the casing we were unable to confirm this information by pump testing the well. Later, two attempts were made to drill offset wells in this area but drilling operations were unable to penetrate the boulders above the aquifer.

Rather than attempt to drill additional wells in this area, I recommend using new state-of-the-art techniques to repair the broken casing if the offset distance is not too great. An aquifer test of the well could then be conducted to determine if the yield is adequate to supply the new Visitor Center. If the above-discussed well is found to be unusable or have inadequate yield, I recommend that we consider using the abandoned well located to the east of Mt. Finlayson. Utilization of this well would, however, bring us into hydrologic conflict with the private water users. Should neither existing well be usable, a new test well could be attempted in Section 7 along the top of the hill at maximum distance from the ocean to be relatively free of marine influences. The drilling, however, of this test well may not be successful due to boulders in the aquifer.

William Werrell

for **Donald C. Barrett**

Donald C. Barrett

Other Supporting Information

IX 448
 TODAY HARBOUR WA
 1250-

p. 14

COUNTY

Failed well suggests problems with water aquifers island-wide

By Adam Fifield
 Staff Reporter

Fears about aquifers and wells throughout San Juan Island were raised after water service from the well at American Camp was shut down because the well is failing to draw an adequate water supply.

In perhaps a related development Town Council member Dick Robinson advised imposing a moratorium on well digging within the town limits.

The American Camp well was closed because the National Historical Park Superintendent Bob Scott wanted to preserve whatever water remained in case of a fire. Since there is now no water available, visitors to the Camp must currently use portable toilets.

"This is not a serious situation yet," said Scott. But, he feels the Camp's inability to draw an adequate water supply might be a symptom of a more serious problem with nearby aquifers.

"This is probably happening all over the island," said Scott, who wonders if an aquifer on the south side of the Island might be low. Eagle Cove has been experiencing well recuperation problems, and the Cattle Point Estates subdivision has asked permission to drill another well, said Scott.

"The Parks Service is concerned about it because of the natural resources," he said. The ecosystem on the south side of the

island is currently suffering from extremely dry conditions, and that's why knowing the status of the aquifer is important, he says.

Scott admits that his concerns are speculative. But, he adds, "When I see all these people digging wells, it's gotta mean something."

Parks Service Ranger Bill Gleason says it's difficult to know how much water remains in the aquifer(s) without more scientific data. The location, number, and size of the aquifers is guess work, he says.

And that's why everybody should continue to exercise frugality with the island's water supply. "This is a wake up call to people on the islands," he said. "We've got some problems."

Vicki Heater, environmental health technician with the San Juan County Public Health Department says some wells in the Eagle Cove area have abundant water supplies. She says the problem at American Camp could be attributed to any number of factors. "It's an educated guess," she says. "You just can't say."

The general lack of knowledge about aquifers means that well drilling should be restricted in Friday Harbor, says Town Council member Dick Robinson. He says he would support an ordinance prohibiting well drilling within city limits. "If everybody digs a well in town, we'll probably be sucking out of a similar aquifer," he said.



Chief Ranger of the National Historical Park Bill Gleason.

Another reason to carefully monitor well drilling in town is the possibility of cross-contamination of private water sources and the town's water supply, says Heater. If any connection is established between the town's source and another water source, bacteria could infiltrate the town's water, she says. "It's not an uncontrolled situation," she says. "But, there is concern there."

Doug McChesney, water resources planner for the state Department of Ecology in Olympia, adds that in lieu of DOE's declaration of an emergency water shortage at Roche Harbor, unnecessary well drilling should be avoided. "Most of the islands are bedrock," he said. "That makes the resource all the more precious."



United States Department of the Interior

NATIONAL PARK SERVICE
San Juan Island National Historical Park
P.O. Box 429
Friday Harbor, Washington 98250

IN REPLY REFER TO:

A7021(SAJH)

August 10, 1994

Memorandum

To: File, San Juan Island National Historical Park
From: Superintendent, San Juan Island National Historical Park

Subject: Water Turned Off At American Camp

Due to the slow recovery rate of the well at American Camp and the turbidity of the water, the water has been turned off in the public restrooms and drinking fountains.

Portable toilets will be placed in the vicinity of the visitor center for public convenience.

We are passing the word about the situation to everyone we can in the tourist business.

Robert E. Scott

08/05/94

15:00

SAJH

001



United States Department of the Interior

NATIONAL PARK SERVICE
San Juan Island National Historical Park
P.O. Box 429
Friday Harbor, Washington 98250

IN REPLY, REFER TO:

A7021

August 5, 1994

Memorandum

To: Water Resource File

From: Superintendent, San Juan Island National Historical Park

Subject: Water Resource

Chief of Maintenance called this afternoon stating that the wells at both American and English Camp's are not recharging as quickly as they were when being used. He felt that it was due to the decline of the aquifer.

There is a serious concern the fire truck may not be able to be refill the pumper tank reservoir if it were used on a fire. We may also have to close the restrooms at American Camp.

Robert E. Scott

OPTIONAL FORM 99 (7-80)

FAX TRANSMITTAL

of pages 1

To	OWEN WILLIAMS	From	SAJH
Dist/Agency	DSC - WATER DIV	Phone #	206-378-2240
Fax #	203-225-9965	Fax #	206-378-2615

NSN 7540-01-317-7508

5010-101

GENERAL SERVICES ADMINISTRATION



IN REPLY REFER TO:

L54(PNR)PSW

United States Department of the Interior

NATIONAL PARK SERVICE

Pacific Northwest Region
Fourth and Pike Building
Seattle, Washington 98101

September 22, 1978

Memorandum

To: Associate Director, Management and Operations, National Park Service
Attention: Vic Berte

From: Associate Regional Director, Planning and Resource Preservation,
Pacific Northwest Region

Subject: Water Rights Application, San Juan Island National Historic Park,
Pacific Northwest Region

Enclosed is a copy of the subject Water Rights application for San Juan Island National Historic Park for your files. This application was made even though we could get by with less than 5,000 gallons per day now because future non federal expansion of the area may consume more water than is available in the area.

Glenn D. Gallison

Enclosures

UNITED STATES GOVERNMENT

memorandum

DATE: September 12, 1978

REPLY TO
ATTN OF: Associate Regional Director, Planning and Resource Preservation,
Pacific Northwest Region
SUBJECT: Water Rights at American Camp

TO: Superintendent, San Juan Island National Historical Park

Enclosed is a copy of the water rights application which was filed August 4 with the Redmond Office of the Washington Department of Ecology.

A field examination will be made by the Department of Ecology sometime after the 30-day waiting period after the application was filed. This examination will be to determine if we have established a beneficial use of the amount of water claimed in the application.

A copy of the application together with required enclosures and back-up data is enclosed for your reference and to include in a water docket file. Since San Juan National Historic Park has no existing water rights on record, this will become SAJH Water Docket No. 1, Title: American Camp Headquarters and Visitor Center. Please set this up in a permanent file which will include all pertinent correspondence, memos, legal papers, applications, permits, and descriptions of the water system or systems serviced by this well (U.S.G.S. File No: 34/3W-2P2).

If there are any questions on this matter, please contact Don Barrett.

(SIGNED)
GLENN D. GALLISON

Glenn D. Gallison

Enclosures



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OPTIONAL FORM NO. 10
(REV. 7-76)
GSA FPMR (41 CFR) 101-11.6
5010-112



IN REPLY REFER TO:

L54(PNR)PSW

United States Department of the Interior

NATIONAL PARK SERVICE

Pacific Northwest Region
Fourth and Pike Building
Seattle, Washington 98101

April 5, 1978

Memorandum

To: Superintendent, San Juan Island National Historical Park

From: Associate Regional Director, Planning and Resource
Preservation, Pacific Northwest Region

Subject: Water rights at American Camp Unit

When the drilled well located at the western end of American Camp is put into use serving the visitor center and new park headquarters building sometime this year, it will be the first time this well has been hooked up to a public water system for regular use. We recommend you apply now for a State Water Right to protect our future use of the ground water sources.

This might not seem like a matter of great urgency since our initial water use will be minimal and the State does not issue water rights for wells yielding less than 5,000 gallons per day, which probably is less water than you planned to use initially.

The problem is that the park well and at least one other well, in 1970 at Eagle Cove Estates, shared the same aquifer and when either well is used it will affect (lower) the water table in the other well. Because the Eagle Cove well is for community use, the continued development of the Eagle Cove Estates area may add more users which could produce a severe strain on the ground water reservoir. All developments in Eagle Cove Estates, prior to this year, would if they have made application and have prior rights to this ground water supply. To protect our future rights to obtain water from this aquifer, an application should be made to the State as soon as we can justify using 5,000 gallons per day. This amount does not have to be used every day, just some days during the year. Probably the best way to put the water to a beneficial use would be through a limited irrigation plan since the visitor center and rest room facilities would not likely use 5,000 gallons per day. When, in the future, a residence or other water using facility is added to our water system, it will be easier to claim the 5,000-gallon-per-day minimum and protect our water right.

2

To facilitate this application we have filled out the water rights application form for your review and approval. When you have done this, please return it to Don Barrett for processing. The application must be accompanied by a minimum examination fee of \$10 which, together with all subsequent fees, will be paid out of water resource funds by the Regional Office.

Glenn D. Gallison

Docket Information

Number of Documents in Docket 30

Documents Dated from 3/23/1973 to 8/10/1994

Docket Compiled: 6/17/2011