WATER-RIGHT DOCKET

Mount Rainier National Park

Docket No: 1

LAUGHINGWATER PIPELINE

Preliminary Docket Information

02-15-1943: water docket information

WATER DOCKET INFORMATION

AREA MT. RAINIER N P

DOCKET NO. 1

APPLICATION NO. 5788

PERMIT NO. 3709

CERTIFICATE NO.

TITLE OF DOCKET LAUGHLINGWATER PIPE LINE

PRIORITY 2/15/43

REMARKS:

State Water Rights Documentation

S. F. No. 369—OS—7-67.

722162

CERTIFICATE RECORD NO. 21, PAGE NO. 10270

STATE OF WASHINGTON, COUNTY OF Lewis

CERTIFICATE OF SURFACE WATER RIGHT

(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 Water Resources thereunder.)

This is to certify that UNITED STATES DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE *of* Longmire, *State of* Washington, *has made proof to the satisfaction of the Department of Water Resources of Washington, of a right to the use of the waters of* Laughingwater Creek, tributary of Ohanapecosh River and an unnamed stream, *a tributary of* Ohanapecosh River, *with point or points of diversion within the* SE¼NE¼ and SW¼SE¼ *Sec.* 33, *Twp.* 15 *N., R.* 10 E., *W. M., under and subject to provisions contained in* appropriation *Permit No.* 3709 *issued by the Department of Water Resources, and that said right to the use of said waters has been perfected in accordance with the laws of Washington, and is hereby confirmed by the Department of Water Resources of Washington and entered of record in Volume* 21, *at Page* 10270, *on the* 3rd *day of* April, 19 68, *that the priority date of the right hereby confirmed is* February 15, 1943; *that the amount of water under the right hereby confirmed, for the following purposes is limited to an amount actually beneficially used and shall not exceed* 0.4 cubic foot per second continuously for community domestic supply for public park; and fire protection, as needed

A description of the lands under such right to which the water right is appurtenant, and the place where such water is put to beneficial use, is as follows:

Ohanapecosh Area, within NW¼ and NW¼SW¼ of Sec. 4, NE¼SE¼ and SE¼NE¼ of Sec. 5, both in T. 14 N., R. 10 E.W.M., and S½SW¼ of Sec. 33, T. 15 N., R. 10 E.W.M., in Mount Rainier National Park

RECORDED ... FILED ... VOL ... PAGE ... REQUEST OF ... APR 10 AM 8:32 ... LEWIS COUNTY ... AUDITOR

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 Sections 6 and 7, Chapter 122, Laws of 1929.

This certificate of surface water right is specifically subject to relinquishment for nonuse of water as provided in Section 18, Chapter 233, Laws of 1967.

WITNESS the seal and signature of the Assistant Director, Division of Water Management, Department of Water Resources affixed this 3rd *day of* April, 19 68

Glen H. Sullivan

Assistant Director
Division of Water Management
Department of Water Resources

VOL. 4 PAGE 327

Permit No. 3709

Certificate of Surface Water Right

Recorded in the Department of Water Resources, Olympia, Washington, in Book No. 21 of Water Right Certificates, on Page 10270, on the 3rd day of April, 1968

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

I certify that the within was received and duly recorded by me in Volume ..... of Book of Water Right Certificates, Page ..... on the ..... day of ....., 19.....

RECORDED FILED
APR 18 3 33
COUNTY AUDITOR
COUNTY

STATE PRINTING PLANT, OLYMPIA, WASH.

MOUNT RAINIER NAT'L PARK
RECEIVED
'68 APR 18 AM 1:08

SUPT. | | NAT.
A. SUPT. | | ARCH.
P.R.O. | | PR.
ENG. | | 4/19/68

STATE OF WASHINGTON
Department of Conservation
H. MAURICE AHLQUIST, DIRECTOR
335 GENERAL ADMINISTRATION BUILDING
OLYMPIA

DANIEL J. EVANS
GOVERNOR

DIVISIONS:
RECLAMATION
FLOOD CONTROL
WATER RESOURCES
MINES AND GEOLOGY
COLUMBIA BASIN PROJECT
POWER RESOURCES
WEATHER MODIFICATION
SOIL & WATER CONSERVATIC
COMMITTEE

April 21, 1967

United States Department of the Interior
National Park Service
San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

ATTENTION: Mr. Manuel Morris
Supervisory Hydraulic Engineer

Gentlemen

Re: Sur. Water Permit No. 3709 and 3713

In compliance with your request of April 21, 1967,
you are hereby granted an extension of time in which to
complete construction under the above numbered
permit from October 1, 1966 to October 1, 1967.

Very truly yours,

DEPARTMENT OF CONSERVATION

H. W. POLLOCK, Supervisor
Division of Water Resources

HWP: vw

Rec'd w/ Supv. Hyd. Eng Morris' memo to Supt. 5-4-67

#1

Proof of Appropriation of Water

Application No. 5788 Permit No. 3709

1. Name of Permittee Dept. of the Interior, National Park Service, Mount Rainier NP
2. Postoffice address Longmire, Washington 98397
3. Source of appropriation Laughingwater Creek and two unnamed tributaries of the Ohanapecosh River.
4. Name or number of works (if any) Diversion No. 1, No. 3, No. 4
5. For what purpose or purposes is water used? Domestic 20%, recreational 80%, fire protection as needed.
6. Give date of beginning of construction July 1, 1938
7. Give date of completion of construction work, including water distribution system September 28, 1961
8. Give date when water was completely applied to proposed use July 1, 1965
9. If used for irrigation:

   Give number of acres described in permit

   Give number of acres actually irrigated
10. If used for power: HP actually developed
11. LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS USED:

    NW¼ and NW¼ of SW¼ of Sec. 4, T. 14 N., R. 10 E., W.M.
    NE¼ of SE¼ and SE¼ of NE¼ of Sec. 5, T. 14 N. R. 10 E. W.M.

12. During what months is water used? All year
13. Does map filed with your application show correctly the location of well or point of diversion for withdrawal of water, and area of land where water is used? Yes
14. If the dimensions, location or type of structure do not correspond to those described in your permit, state what changes have been made, giving dimensions, etc.
15. Actual measured discharge or diversion of permanent system: est. max. 180 (gpm or ~~cfs~~)

(Sign certification on reverse side)

STATE PRINTING PLANT OLYMPIA, WASHINGTON

01-12-1961: letter to nps from department of conservation regarding granted extension of time to complete construction: permit no

Docket 1

STATE OF WASHINGTON
Department of Conservation
EARL COE, DIRECTOR
335 GENERAL ADMINISTRATION BUILDING
OLYMPIA

ALBERT D. ROSELLINI
GOVERNOR

January 12, 1961

DIVISIONS:
RECLAMATION
FLOOD CONTROL
WATER RESOURCES
MINES AND GEOLOGY
COLUMBIA BASIN PROJECT
POWER RESOURCES
WEATHER MODIFICATION

U. S. Department of Interior
National Park Service
Region Four, 180 New Montgomery Street
San Francisco 5, California

Gentlemen:

Re: Surface Water Permit No. 3709

In compliance with your request of recent date,
you are hereby granted an extension of time in which
to complete construction
under the above permit from 10-1-60
to 10-1-66.

Very truly yours,

DEPARTMENT OF CONSERVATION

EARL COE, DIRECTOR

MGW: my

M. G. WALKER, Supervisor
Division of Water Resources

S. F. No. 8509—OS—11-59—5M.

01-17-1944: notice of beginning of construction: permit no. 15-3709

Mt Rainier - Dead 3

S. F. No. 376—1922. Approved as to Form ...ept. of Efficiency. 10617.

Notice of Beginning of Construction

United States of America, Department of the Interior, National Park Service,

I, by John C. Preston, Superintendent, Mount Rainier National Park, *the holder of Permit No.* 15-3709, *and Reservoir Permit No.* —, *both issued by the Supervisor of Hydraulics of the State of Washington for the appropriation of* 0.40 *second-feet and the storage of* ..... *acre-feet of the unappropriated waters of* Laughingwater Creek, tributary of Ohanapecosh River *in accordance with the tenor of such permits and the limitations endorsed thereon by the Supervisor of Hydraulics, began the actual construction of the works described therein on the* before first *day of* July, *19* 38, *being within the time limitation as fixed in said permit for the beginning of construction work.*

The nature and the amount of the construction work already done is as follows: (This does not include preliminary investigation and reconnaissance.)

PER CENT COMPLETED:

Clearing 90 *%; Material in place* 90 *%; Material on ground* 90 *%; Excavation* 90 *%; Structure* 80 *%.*

Any additional information which may tend to show good faith in the prosecution of the work This system superseded one from diversion No. 5 on file map, which was used from about 1920 to 1938. Diversion 4 was completed early in 1938. Diversion 2A-B was provided soon after and was being replaced by diversion 1 when work was shut down for war period. Diversion 4 is adequate for present wartime need and diversion 1 will be completed at close of war.

IN WITNESS WHEREOF, I have hereunto set my hand this 17th *day of* January, *19* 44.

Mount Rainier National Park,
Longmire, Washington.
(Present Address)

John C. Preston, Supt.
Mt. Rainier National Park
(Signature of Applicant)

Superintendent, Mount Rainier National Park.

02-15-1943: permit to appropriate public water of the state of washington: permit no. 3709; application no. 5788

Mt Rainier Deed 3

Form 10. S. F. No. 370—7-26-40—3M. 19676.

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
Division of Hydraulics

Permit to Appropriate Public Waters of the State of Washington

Book No. 15 of Permits, on Page 3709 Under Application No. 5788

United States of America, Department of the Interior, National Park Service, by John C. Preston, Superintendent of Mount Rainier National Park
of Longmire, Washington

is hereby granted a permit to appropriate the following described public waters of the State of Washington, subject to existing rights and to the following limitations and provisions: Permittee shall construct and maintain at his own expense a weir, or other suitable device, for measuring any water granted herein for irrigation purposes and such appropriation shall be subject to a reasonable rotation system if ordered by the State Supervisor of Hydraulics; and it is further provided that Permittee, in the use of water under this permit, shall comply with all the laws of the Departments of Fisheries and Game in accordance with Chap. 127, Laws of 1939, and all regulations and laws hereafter enacted.

Priority date of this permit is February 15, 1943

Source of the proposed appropriation is Laughingwater Creek and two unnamed ~~tributary of~~ tributaries of Ohanapecosh River

The quantity of water appropriated shall be limited to the amount which can be beneficially applied and not to exceed 0.4 cubic feet per second, or its equivalent in case of rotation, to be used as set out below:

The approximate points of diversion ~~is~~ are located at points such that N¼ corner Sec. 4, Twp. 14 N., Rge. 10 E.W.M. bears as follows: From Diversion 1, Laughingwater Creek, S 37°13' W 3805 ft.; from Diversion #3 S 53°39' W 1324.46 ft.; and from Diversion #4, N 20°38' E 1513.99 ft.

being within (Div.#1- SE¼ NE¼; Div.#3- SW¼ SE¼; Div.#4- SE¼ SW¼) Sec. 33, Twp. 15 N., Rge. 10 E. W. M., Sec. 4, Twp. 14 N., Rge. 10 E.

county of Lewis

The use, or uses, to which water is to be applied:

FOR DOMESTIC SUPPLY AND MISCELLANEOUS USES: 0.4 cubic feet per second during entire year for Domestic, recreational and fire protection purposes to be used within land described below Sec. , Twp. N., Rge. W. M.

FOR IRRIGATION: cubic feet per second, from to each year, for irrigation of acres, described as follows:

NW¼ and NW¼ of SW¼ of Sec. 4, Twp. 14 N., Rge. 10 E.W.M.
NE¼ of SE¼ and SE¼ of NE¼ of Sec. 5, Twp. 14 N., Rge. 10 E.W.M.

FOR POWER: .....cubic feet per second continuously each year. Total power to be developed.....theoretical horse power. Total fall to be utilized.....feet.

Nature of works by means of which power is to be developed.....

.....

Works to be located in..... Sec. ....., Twp.....N., Rge.....W. M.

Water to be returned to .....

Point of return..... Sec..... , Twp.....N., Rge.....W. M.

Use to which power is to be applied.....

FOR MUNICIPAL SUPPLY: .....cubic feet per second during entire year to supply.....

.....

DESCRIPTION OF DIVERSION WORKS

Height of dam— 5 to 10 —ft.; Length on top— 30 to 75 —ft.; Length on bottom— 10 to 50 —ft.

Material to be used and character of construction— Masonry and concrete —

.....

Description of headgate— End of diversion pipe extends through dam in each case and is provided with trash screens. —

CANAL SYSTEM

AT HEADGATE: Width on top (at water line).....ft.; Width on bottom.....ft.; Depth of water.....ft.; Grade.....ft. fall per one thousand feet.

AT.....MILES FROM HEADGATE: Width on top (at water line).....ft.; Width on bottom.....ft.; Depth of water.....ft; Grade.....feet per one thousand feet.

(Please read carefully provisions below)

Construction work shall begin on or before— Already started —

and shall thereafter be prosecuted with reasonable diligence and completed on or before

— October 1, 1950 —

and complete application of water to proposed uses shall be made on or before

— October 1, 1951 —

Given under my hand and the seal of this office at Olympia, Washington, this— 21st —day of — October —, 19 43 —

/s/ Chas. J. Bartholet

State Supervisor of Hydraulics.

INSTRUCTIONS

This permit is not a final water right but a license to proceed with construction and use the water, under the provisions of the permit, pending the time that the final certificate of water right is issued.

Actual construction work must be commenced, the project must be completed, and water put to beneficial use within the time fixed by the permit. The times for commencement and completion will be found on the second page of this permit.

Accompanying this permit is a blank for making report of beginning of construction and thereafter blanks, as listed on the back of the permit, will be furnished you and must be filled out and filed in this office as the work progresses. *Failure to file the required notices or to comply with the provisions for protection of fish life may result in cancellation of the permit.*

Should it be impossible for you to begin or to complete the work before the expiration of the time fixed in the permit, you should make application to the Supervisor of Hydraulics for an extension of time, stating reasons why such an extension is needed.

Any assignment of this permit must be in writing and must be recorded in this office in order to be valid. There is a statutory fee of $2.00 for recording assignments.

This permit is issued subject to vested rights and all beneficial uses made of the water prior to the date of filing of the application for this permit, and it should be understood that the diversion must be so regulated that it will not injuriously affect such prior rights.

When all of the water has been put to the beneficial use or uses set out in the permit and all notices filed "Certificate of Water Right" will be issued. *Such certificate gives final title to the water granted.*

CHAS. J. BARTHOLET,
State Supervisor of Hydraulics.

Application No. 5788

Permit No. 3709

PERMIT

To Appropriate Public Waters of the State of Washington

County — Lewis

Issued to Mount Rainier Nat. Park

of — Longmire, Washington

This instrument was first received in the office of the State Supervisor of Hydraulics, Olympia, Wash., on the 15th day of February, 1943 at 9:30 o'clock A. M.

Approved October 21, 1943

Recorded in Book No. 15 of Permits, on page 3709

CHAS. J. BARTHOLET
State Supervisor of Hydraulics.

O. H. OLSON, PUBLIC PRINTER

Before your certificate of water right is issued it will be necessary to file with the State Supervisor of Hydraulics each of the following reports:

1. Notice of Beginning of Construction.
2. Notice of Completion of Construction.
3. Notice of Complete Application of Water to a Beneficial Use.
4. Proof of Appropriation of Water.

Upon a satisfactory showing that the appropriation has been perfected as provided by statute the State Supervisor of Hydraulics will issue a water right certificate.

(Blanks will be furnished by the office of the Supervisor of Hydraulics)

03-27-1944: affidavit of publication: the chehalis advocate

Affidavit of Publication

THE CHEHALIS ADVOCATE

STATE OF WASHINGTON, } ss.
COUNTY OF LEWIS }

George B. Hayden, Henry E. Vilwock, being first duly sworn on oath deposes and says that he is Publisher Foreman of THE CHEHALIS ADVOCATE, a weekly newspaper, which has been established, published in the English language, and circulated continuously as a weekly newspaper in the City of Chehalis, and in said County and State, and of general circulation in said county for more than six (6) months prior to the date of the first publication of the Notice hereto attached, and that the said Chehalis Advocate was on the 3rd day of July, 1941, approved as a legal newspaper by the Superior Court of said Lewis County, as provided in Chapter 213, Session Laws of 1941, and that the annexed is a

true copy of a Notice of Water Right Applications

as it was published in regular issues (and not in supplement form) of said newspaper once each week for a period of 4 consecutive weeks, commencing on the

11 day of March 1943

and ending on the

18 day of March 1943

both dates inclusive, and that such newspaper was regularly distributed to its subscribers during all of said period. That the full amount of the fee charged for the foregoing publication is the sum of $ 7.86, at the rate of $1.40 a hundred words for the first insertion, and 80 cents a hundred words for each subsequent insertion.

George B Hayden
Publisher - Foreman

Subscribed and sworn to before me this

27 day of March 1943

Marie C Judd
Notary Public in and for the State of Washington, Residing in Chehalis.

NOTICE OF WATER RIGHT APPLICATIONS

Nos. 5788, 5789 and 5790

State of Washington, Office of Supervisor of Hydraulics, Olympia.

To Whom It May Concern:

Notice is hereby given that on February 15, 1943, the United States of America, Department of the Interior, National Park Service by John C. Preston, Superintendent of Mount Rainier National Park of Longmire, Washington, filed with the Supervisor of Hydraulics at Olympia, Washington, three applications for permits to divert, subject to existing rights, public waters in Lewis County, Washington, as follows:

Application 5788 for appropriation of 0.4 second-feet of waters of Laughingwater Creek and two unnamed tributaries of Ohanapecosh River continuously each year for the purpose of domestic, recreational and fire protection, the proposed points of diversion being within SE¼ of NE¼ and SW¼ of SE¼ of Sec. 33, Twp. 15 N., Rge. 10E. and SE¼ of SW¼ of Sec. 4, Twp. 14 N., Rge. 10 E. W. M.;

Application 5789 for appropriation of 0.11 second-feet of the waters of an unnamed spring, tributary of the Ohanapecosh river, continuously each year for domestic and fire protection purposes, the proposed point of diversion being within Lot 3, Sec. 4, Twp. 14 N., Rge. 10 E. W. M.;

Application No. 5790 for the appropriation of 0.06 second-feet of waters of six unnamed springs, tributaries of Ohanapecosh River continuously each year for hydrotherapeutic and recreational purposes, the proposed points of diversion being within Lot 3, Sec. 4, Twp. 14 N., Rge 10 E. W. M.

Maps showing the locations and plans of said diversions and the places of proposed use are on file in the office of the State Supervisor of Hydraulics, Olympia, Washington, together with such other information as is required by law. Any person, firm or corporation whose right will be injuriously affected by said applications may file with the State Supervisor of Hydraulics, at Olympia, Washington, such objections or representations, in writing, as he may desire to make, within thirty (30) days after date of last publication, which date is March 18, 1943.

Witness my hand and official seal this 17th day of February, 1943.

(SEAL)

CHAS. J. BARTHOLET,
State Supervisor of Hydraulics.

March 11, 18.

COPY

Form 10. S. F. No. 370-A—8-44—2M. 6932.

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
Division of Hydraulics

APPLICATION FOR A PERMIT
To Appropriate Public Waters of the State of Washington

(Read directions on last page carefully before filling out this form)

Application No. 5788

I, United States of America, Department of the Interior, National Park Service, by John C. Preston, Superintendent of Mount Rainier National Park (Name of applicant),

of Longmire, County of Pierce, State of Washington (Complete postoffice address),

do hereby make application for a permit to appropriate the following described public waters of the State of Washington subject to existing rights:

If the applicant is a corporation, give date and place of incorporation

1. *The source of the proposed appropriation is* Laughingwater Creek and other nameless (Name of stream)
tributary of Ohanapecosh River

2. *The amount of water which the applicant intends to apply to beneficial use is* 0.40
cubic feet per second.

3. *The use to which the water is to be applied is* domestic, recreational and fire protection purposes (Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. *Time during which water will be required each year* January 1 to December 31 inclusive

5. *The approximate point of diversion is located* such that N¼ corner Sec. 4, T14N, R10E, WB&M (Give distance and bearing to section corner)
bears as follows:
from Diversion No. 1, Laughingwater Creek, S 37°13' W. 3805.00 feet; from Diversion No. 3, S53°39'W 1324.66 feet; and from Diversion No. 4, N20°38'E 1513.99 feet,
being within the (Div.No.1-SE¼ NE¼ 33 15 10 E / Div.No.3-SW¼ SE¼ 33 15 10 E / Div.No.4-SE¼ SW¼ 4 14 10 E) (Give smallest legal subdivision) *of Sec.* ..., *Tp.* ..., *N., R.* ..., (E. or W.) *W. M.,*
in the county of Lewis

6. *The* pipe line (Main ditch, canal, or pipe line) *to be* 5700 *ft. or miles in length, terminating*
in the NW¼ NE¼ (Smallest legal subdivision) *of Sec.* 4, *Tp.* 14 *N., R.* 10 E (E. or W.) *W. M.,*
the proposed location being shown on the accompanying map.

7. *The name of the ditch, canal or other works is* Laughingwater Pipe Line

8. *Estimated cost of development necessary to utilize fully the appropriation herein asked for*
$ 50,000.

9. *Does the stream from which you wish to appropriate water flow through the tract of land on which the water is to be used?* Yes 9a. Do you own the required right-of-way for the proposed works? Yes.

DESCRIPTION OF WORKS

DIVERSION WORKS—

10. *(a) Height of diversion dam* 5 to 10 *feet; length on top* 30 to 75 *feet;*
length at bottom 10 to 50 *feet; material to be used and character of construction*
masonry and concrete (Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate End of diversion pipe extends through dam in each case and is provided with trash screens. (Timber, concrete, etc.; number and size of openings)

When storage works are contemplated a storage permit must be filed in addition to the above. These forms can be secured, together with instructions, by addressing the State Supervisor of Hydraulics, Olympia, Washington.

CANAL SYSTEM—

11. *(a) Give approximate dimensions at each point of canal where materially changed in size stating miles from headgate. At headgate: Width on top (at water line)* ..... *feet; width on bottom* ..... *feet; depth of water* ..... *feet; grade* ..... *feet fall per one thousand feet.*

(b) At ..... *miles from headgate: Width on top (at water line)* ..... *feet; width on bottom* ..... *feet; depth of water* ..... *feet; grade* ..... *feet fall per one thousand feet.*

The main Laughingwater Pipe Line has 1000 feet of 6" GI pipe and 4700 feet of 4" GI pipe with overall grade of 34.2 ft. per 1000 ft. Laterals from Diversions Nos. 3 and 4 are 4" with grades of about 110 ft. per 1000 ft.

SUPPLY THE FOLLOWING INFORMATION ACCORDING TO USE PROPOSED:

IRRIGATION—

12. *The land to be irrigated has a total area of* ..... *acres, described as follows:* .....
(Give legal subdivision by section, township and range)

(If more space is required, attach separate sheet)

13. *Give the legal description of land when water is to be used for purposes other than irrigation, power and municipal supply* NW¼ & NW¼ SW¼ NE¼ SW¼ & SW¼ NE¼ (Legal subdivisions) *Sec.* 5 *, Tp.* 14 *N., Rge.* 10E (E. or W.) *W. M.*

(a) To what stream is water returned **Chanapecosh River**

(b) Locate the point of return SE¼ NE¼ (Smallest legal subdivision) *Sec.* 5 *, Tp.* 14 *N., Rge.* 10 E (E. or W.) *W. M.*

POWER—

14. *(a) Total amount of power to be developed* ..... (Theoretical horsepower) *H. P.*

(b) Total fall to be utilized ..... (Head) *feet.*

(c) The nature of the works by means of which the power is to be developed .....

(d) Such works to be located in ..... (Legal subdivision) *of Sec.* ....., *Tp.* ..... *N., Rge.* ..... (E. or W.) *W. M.*

(e) To what stream is the water to be returned .....

(f) Locate point of return ..... *Sec.* ....., *Tp.* ..... *N., Rge.* ..... (E. or W.) *W. M.*

(g) The use to which power is to be applied is .....

MUNICIPAL SUPPLY—

15. *To supply the city of* ..... (Name) .....
..... *County, having a present population of* .....
and an estimated population of ..... *in 19*.....

(a) Estimated present requirement .....

(b) Estimated future requirement .....

16. *Construction work will begin on or before* Already started

17. *Construction work will be completed on or before* 5 years after end of war

Triplicate maps of the proposed ditch or other works, prepared in accordance with the rules of the State Supervisor of Hydraulics, accompany this application.

United States of America
(Signature of applicant)
by /s/ John C. Preston

Superintendent of Mount Rainier National Park

Signed in the presence of us as witnesses:

(1) /s/ O. W. Carlson (Name), Longmire, Wash. (Address of witness)

(2) /s/ L. N. Boyer (Name), Longmire, Wash. (Address of witness)

Remarks: Diversions 4 and 5 (see map) date from prior to 1916. Diversion No. 7 was introduced to the area in 1920. The Laughingwater Pipe Line was built in 1932 with Diversion No. 2 A-B. Diversion No. 5 has been abandoned for sanitary reasons. Diversion No. 1 was being constructed when work was stopped as a war measure. Diversion No. 3 was initiated about 1938. Claim is made for full diversion at Diversion No. 1, but with right to divert portions thereof from Diversions Nos. 3 and 4 when necessary to maintain full diversion or when these supplies are adequate for off-season demand.

This system is to serve a checking station, employees' residence, a utility area, public campgrounds and picnic grounds, supplement the supply of the operator's clinic and hotel covered by separate application, and provide fire protection, all in the Ohanapecosh Hot Springs area of Mt. RainierNational Park.

STATE OF WASHINGTON,
COUNTY OF THURSTON. } *ss.*

This is to certify that I have examined the foregoing application together with the accompanying maps and data, and return the same for correction or completion, as follows: .....

In order to retain its priority, this application must be returned to the State Supervisor of Hydraulics, with corrections, on or before ....., *19*.....

WITNESS my hand this ..... *day of* ....., *19*.....

State Supervisor of Hydraulics.

DIRECTIONS FOR PREPARING APPLICATIONS

Initial examination fee of $5.00 should accompany each application. If additional fee is required, you will be notified.

1. Write plainly in ink or use typewriter.

2. Read carefully all questions. Answer only those that apply to your project.

3. Under Question 2 estimate quantity in cubic feet per second or gallons per minute.

1 cubic foot per second equals 450 gallons per minute and is sufficient to irrigate from 40 to 100 acres of land.

0.1 of a cubic foot per second equals 45 gallons per minute and is sufficient for domestic supply and irrigation of 5 to 10 acres of land.

0.05 of a cubic foot per second equals 22 gallons per minute or 31,700 gallons per day. This is ample for a domestic supply and for irrigation of lawn and garden up to 1 or 2 acres.

0.01 of a cubic foot per second equals 4.5 gallons per minute or 6,500 gallons per day. This is ample for an ordinary domestic supply and for irrigation of about ½ acre.

4. Maps, showing the location of the stream, point of diversion and place of use, must be made in triplicate (3) on the enclosed section plats. If for irrigation, show the approximate area to be irrigated.

5. In answering Question 5 give approximate distance and direction of diversion point from nearest 40-acre corner, as

"320 feet North and 1100 feet East from South quarter corner of Section 1, Township 13 North, Range 2 East, W. M."

or

"North 36 degrees 20 minutes East 550 feet from the Northeast Corner of the Northwest Quarter of the Southwest Quarter of Section 33, Township 12 North, Range 3 East, W. M."

6. **Right-of-Way.** If you wish to divert water from or across land not owned by you it will be necessary to secure from the owner the right-of-way needed. The State cannot help you in this.

7. Be sure to give on the map brief directions for driving to the point of diversion from some town or easily located point on a State highway. This for our convenience in making the examination.

8. If you have been using water since before June 15, 1917, a State permit will be of no advantage to you for that particular use.

9. "Public waters" only are subject to appropriation. If a stream does not flow beyond the borders of the landholding on which it rises or into any other body of water it will not be considered public water in the meaning of the statute.

10. Sign application on the line indicated under Section 18.

SCHEDULE OF FEES DUE IN CONNECTION WITH OBTAINING WATER RIGHTS

(Sec. 44 of Water Code—Sec. 7399, Remington's Rev. Stat.)

EXAMINATION FEES

There is a minimum fee of $5.00 for all applications received.

Additional Examination Fees for Appropriation Applications:

$1.00 per c. f. s. over 5 c. f. s. to 500 c. f. s., inclusive.
.25 per c. f. s. over 500 c. f. s. to 2000 c. f. s., inclusive.
.10 per c. f. s. over 2000 c. f. s.

Additional Examination Fees for Reservoir Applications:

1/2¢ per acre-foot over 1000 a. f. up to 100,000 a. f., inclusive.
1/10¢ per acre-foot over 100,000 acre-feet.

FEES FOR FILING AND RECORDING PERMITS

There is a minimum fee of $2.00 for filing and recording permit.

Additional Permit Fee for Irrigation Purposes:

10¢ per acre over 20 acres to 100 acres, inclusive.
5¢ per acre over 100 acres to 1000 acres, inclusive.
2½¢ per acre over 1000 acres.

Additional Permit Fee for Power Purposes:

10¢ per theoretical horsepower over 20 H. P. to 1000 H. P., inclusive.
2¢ per theoretical horsepower over 1000 H. P.

Permit Fee for Other Uses:

For all other beneficial purposes the fee is **twice** the amount of the examination fee, except for individual household and domestic use; this may include water for the irrigation of a family garden, for which the minimum fee of $2.00 is charged.

FILING AND RECORDING FINAL WATER RIGHT CERTIFICATE

In office of Supervisor of Hydraulics.. $1.40
In office of County Auditor..... .75

11-28-1942: memorandum to regional director from nps regarding filing water claims in connection with the ohanapecosh hot sprir

12/1/42
AHG 12/30

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MOUNT RAINIER NATIONAL PARK
LONGMIRE, WASHINGTON

November 28, 1942

MEMORANDUM for the Regional Director,
Region Four.

Reference is made to Mr. Manbey's memorandum of November 16, and to Mr. Dunn's memorandum of October 28, addressed to the Regional Director regarding the subject of filing water claims in connection with the Ohanapecosh Hot Springs area in Mount Rainier National Park.

As you are now aware, Regional Engineer Drysdale was recently commissioned a first lieutenant in the Army and left the Northwest for a station in Louisiana.

The data Mr. Dunn asked for is attached to this memorandum. This information has been prepared by Resident Landscape Architect Mattson.

Superintendent

cc: Mr. Mattson

11-27-1942: memorandum to superintendent from nps regarding plans rai-6977 and 6978, and u.s. public health service report er

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MOUNT RAINIER NATIONAL PARK
LONGMIRE, WASHINGTON

November 27, 1942.

MEMORANDUM for the Superintendent.

Reference is made to memoranda for the Regional Director of October 28 by Hydraulic Engineer Dunn and November 14 by Regional Engineer Waterhouse. Plans RAI-6977 and 6978, and U. S. Public Health Service report are enclosed.

The following comments and information are given--first, to memorandum by Mr. Waterhouse:

1. We have prints of the Ohanapecosh Hot Springs tract which were prepared by the U. S. Forest Service in April, 1926 and revised October, 1928. This can be furnished to Region Four Headquarters if necessary. This same print is attached to U. S. Public Health Service, Sanitary Engineer's report to the Forest Service on this Area in July, 1929. This report should be returned to our files by Region Four as soon as practical.

2. There has been no lease plat made of the area by the operator to our knowledge. No controls on the areas to be used are mentioned in the current contract the Park Service has with A. W. Bridge. No controls are mentioned over the use of the water other than not depriving the public of free use.

3. According to information on hand, the excavation was for the basement of a proposed hotel, and because of the wet condition was built on another site below. However, it is not improbable that it could have been intended for a basement swimming pool and the idea abandoned because of experiences with odors in other institutions of this kind.

You made an effort in memorandum of October 27, 1941 to Region Four to withdraw the proposed swimming and bathhouse from further consideration. This plan, No. RAI-8577, was signed by all and approved by the Director July 17, 1938. A swimming pool would require many times the amount of hot water now being used.

Considering reservations which the Forest Service made to the encroachment upon the springs, it would certainly be expected that the Park Service will require nothing less in accordance with conservation policies. This would eliminate the possibility to build a pool and building at least on the proposed site.

4. Operator's cold water supply is from a spring under the East Side Highway. The reservoir is supplied by a 5 inch wood pipe. The tank is rubble masonry, rectangular and holds 40,000 gallons. The main line is 1,500 feet long with 500 ft. lengths each of 5 inch, 4 inch and 3 inch pipe.

The hot water supply is from a number of springs as mentioned in Mr. Hommon's report. (By the answer Killian gave me there may be other springs tapped). The spring has a sheet piling reservoir which holds about 1,000 gallons. This never fills completely. This water runs through about 900 feet of 4 inch wooden pipe. The head is approximately 25 feet.

5. The information on hand would indicate that the operator uses the water from springs 1, 4 and 6. According to Mr. Hommon's report the operator was then using 21,600 gallons per day, or 56% of the available hot water supply. This same water is allowed to run from a continuous drinking fountain at the parking area near the bath house and evidently constitutes the "free use by the public".

We do not know of any agitation today to permit greater use of the springs by the public and in some aspects any further use does not appear possible.

6. The old public bathhouse is not in existence; this, however, should not be confused with the present bathhouse, to which an addition was built in 1942.

Mr. Dunn's memorandum:

Page 1 The bearing from N ¼ corner Sec. 4, T 14 N, R 10 E, W.M. should read S. 43 degrees W 436 ft.

Page 2 Par. 1. There is no plat description in the current lease. Any such plat could be within the bounds we determine and agree to with the operator. When such a lease plat is prepared it should limit the development around the springs and the use of the water.

Page 2, Par. 2. The use of the water does not appear to be the $85 charge. That was probably the regular U.S.F.S. charge for a lease which in this case was for more than a summer home site.

(Incidentally the present contract provides for the Maintenance of such hospital, sanitarium, warm water swimming pool and other necessary appurtenances; and to install barber shops, bath houses, tennis courts, and camp; construct, maintain and operate garages; use dead, fallen or ripe mature timber in the Park for construction, repair and fuel).

Page 2, last par. No restrictions are placed in the present contract on the location of buildings, other than prior approval by the Secretary. They could be kept away from the springs by locating properly.

See Art. II (C) - not to be excluded from public use.

The excavation intended for a hotel should be backfilled and drainage restored to original condition insofar as possible.

Page 3, par. 2 . Read this bearing S 43 degrees W From N ¼ Corner to lease boundary marker U1.

The old Park boundary is about one-quarter mile north of this corner.

Page 3, Par. 4. No new lease plat could possibly be obtained until next season.

See Pipe sizes in first part of letter.

Page 4, Par. 1. Information on hand indicates that the operator built all of the more or less permanent structures at the springs. Any structures put up in the early days by the public evidently were not durable and were removed.

Spring No. 11 is not developed.

Page 4, Par. 2. The amount of water used by the operator has been mentioned before. A study could be made to determine how much he should be permitted to use as it is possible that he is now able to take practically the entire supply. The contract is not specific in stating any amounts.

Page 4 Par. 3. We believe this should read East rather than west of the East Side Highway.

The water from Diversion No. 3 on Plan 6978 will continue to be used as an emergency supply in case of failure of the Laughing Water supply during the winter and will need to supply only the Ranger Station.

All of the old line has been removed except in the upper end where it connects with the main line and a section which still serves a few fountains in the lower end where it has been connected to the present water system.

(Some one else will have to answer if the 43,000 gallons is sufficient; it is, as long as it serves no other purpose than providing the Ranger Station with water).

Page 5, Par. 2. There is a 3 inch line now in place along the road to a point opposite the Ranger Station where it branches to the Utility Area.

Page 5, Par. 3. The ram has been removed.

At present the water is not taken from Laughing Water Creek because the job was not finished. The pipe continues to a point indicated on the plan 6978.

The water is nowtaken from an unnamed stream approximately where shown on the plan. This has a temporary diversion system.

Present plans are to install a blow off "Y" at the site of the proposed 1000 gallon reservoir and not build the latter. The elevation of the opening of this wye would control the pressure below in case the balance of the line is considered a pressure line.

There is a pressure regulator at the point shown with a bypass for use in case of fire.

Page 5 last par. The information on the springs by Mr. Hommon is the most recent data we have.

Page 6, Par. 2. There apparently was some use of the water by the public prior to 1921, but we have no records for such use. The petition to Secretary Jardine mentions its use for more than a generation. The petition is not dated; by deduction it was made out in 1929 which would put the water use back to 1909, and that might be questioned.

11-16-1942: memorandum to superintendent from nps regarding missing data on the subject of filing water claims in connection w

Mr. Dunn

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION FOUR
SAN FRANCISCO, CALIFORNIA
601 Sheldon Building

NOV 10 1942

November 16, 1942.

MEMORANDUM for Superintendent Preston,
Mount Rainier National Park.

Attached is copy of memorandum dated October 28 by Hydraulic Engineer Dunn addressed to the Regional Director together with explanatory blackline print, on the subject of filing water claims in connection with the Ohanapecosh Hot Springs area in Mount Rainier National Park.

Mr. Dunn is asking for certain data which it is believed can only be supplied by yourself and Mr. Drysdale. For your partial aid in this connection there is attached copy of Regional Engineer Waterhouse's memorandum of November 14 which supplies some of the information requested by Mr. Dunn.

At your convenience will you please endeavor to supply the missing data to Mr. Dunn so that the Water Rights Section may proceed without delay with the filing of the required water claims in this portion of the park.

(SGD.) B. F. Manbey
Assistant Regional Director.

Enclosure 1890930.

cc: Mr. Dunn
Mr. Waterhouse.

11-14-1942: memorandum to regional director from nps regarding comments made from personal knowledge of the background o

Mr. Dunn

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION FOUR
SAN FRANCISCO, CALIFORNIA
601 Sheldon Building

November 14, 1942.

MEMORANDUM for the Regional Director.

Reference is made to memorandum for the Regional Director dated October 28 by Hydraulic Engineer Dunn.

The following comments are made from my personal knowledge of the background of this case.

There is an old Forest Service map of the area showing the lease lines in the Mount Rainier files, which may have some information of value.

Several years ago an effort was made to get the operator to make a lease survey, without success.

Excavation referred to on page 2 and the top of page 3 is for a swimming pool. A preliminary drawing of bath house has been circulated. Mr. Hommon was on the ground looking over the possibilities. A report on the subject is in the files somewhere, by Mr. Hommon.

The hotel is furnished water from a spring between the river and the road about 800 feet north of the hotel. I think that a 2" pipe is used. Spring is about 200 feet below the present road. A concrete tank has been built around the spring, covered, about 3 x 4 feet and 3 feet deep.

Get pipe diameter and other data on spring 6 and drinking water supply from park. The reservoir capacity at spring 6 can be obtained from the park. There is a wooden tank and it also has one of the other springs running into it.

The public bath house is no longer in existence.

Most springs drain out on ground and are not used. The springs near the river, 12, 13, 14, 15 and 16 are not used and lie under the high water mark of the river. Would have to be pumped back up if used.

See notes on margin of October 28 memorandum by Mr. Tomlinson and the writer.

R. D. Waterhouse
Regional Engineer.

cc: Mr. Dunn
Superintendent, Mount Rainier.

10-28-1942: memorandum to regional director from hydraulic engineer regarding water claims and an investigation of the water sy

601 Sheldon Building

October 28, 1942.

MEMORANDUM for the Regional Director, Region Four.

We are preparing to file water claims for Mount Rainier National Park, and have started with an investigation of the water systems at Ohanapecosh Hot Springs because with the lease and development by the Bridge Clinic there is more possibility of conflicts or complication of federal jurisdiction than in some others. The problems are somewhat historical as well as physical, and it seems probable that you and Mr. Waterhouse may be able to give more information than a man like Mr. Preston, who has so recently become Superintendent.

While at the park in 1940 I obtained the following copy of the Forest Service lease to Bridge & Tower dated August 5, 1921, covering the area occupied by the hotel and clinic:

> Beginning at a point on the east bank of the Ohanapecosh River which is ___43°W 436 feet from the North 1/4 corner Sect. 4, T. 14 N., R. 10 E., W.M. and from which a Douglas Fir 30" DBH marked WU/1 bears 12.4 ft. S15°E;
>
> running S27½ E 257 ft. to corner post U/2
> thence S16½ W 650 ft. " " " U/3
> thence N54 W 331 ft. " " " U/4
> thence S82 W 233.4 ft. to corner post U/5
> thence N30½ E 479.0 ft. " " " U/6 and
> thence N45½ E 433.0 ft. to place of beginning,
>
> about 6.4 acres and excepting therefrom a tract 30 ft. square around each mineral spring and corners to be determined by Forest Service.

This supersedes a lease dated July 18, 1921 which apparently was not entirely satisfactory. On the accompanying drawing NP-RAI-6977 I have plotted the leased area, which incidentally does not close by approximately 25 feet. I have therefore plotted it in dotted lines beginning at U-1 and going both forward and backward on the traverse. I have also shown in solid line the boundary as located on the

FILE COPY

topographic map of the greater Ohanapecosh Area which was prepared by Mr. Waterhouse in 1934 and revised in 1935. It will be noted that the southern boundary from U-3 to U-5 as described by the lease cuts through the hotel building and bathhouse, or at least the bathhouse, depending on which way the traverse is run from U-1, and that a revised boundary apparently was established using intermediate station U-4A in place of the original U-4 in order to include both of these buildings entirely within the area. From an old Forest Service map 11-H1 dated April 1926 and revised October 1928, a print of which is on file with the Public Roads Administration plan of the East Side Highway, both a boundary through the bathhouse and that which clears both buildings is shown, indicating that the boundary was actually revised about five or six years after the original lease was granted. The main question in this connection is whether the Park Service lease or agreement dated 1932 for a period of twenty years was based on the proper revised boundary or on the original Forest Service lease.

The Forest Service lease also specifies that the area excludes a 30-foot square centered on each spring, the bearings of the sides of which were to be determined by the Forest Service. In my notes made at the park in 1940 I also find that the Park Service renewed the Forest Service agreement as of 1932 for 20 years, excluding the mineral springs and right of access, they being reserved for the public. However, as in the case of the original leases, the use of the water was evidently granted to the Bridge Clinic for a fee of $85.00 per year. My notes also state that the contract was finally signed on December 17, 1934, for 20 years, effective as of January 1, 1933, and that either that contract or another one No. I-1p-3348 granted Bridge the right to lay pipe for a water supply. Everything in this information implies that the United States has retained all rights to the water both under Forest Service and Park Service supervision.

On aforesaid drawing No. NP-RAI-6977 I show two small buildings that come within the 30-foot square centered on Spring No. 11. However, the bearings of the sides of said square are purely arbitrary, and I have made them parallel with the buildings. This is contrary to the terms of the Forest Service lease, if not to the later Park Service contract. On the same drawing, too, is shown a 6-foot pit excavated to include Spring No. 10 and lying just south and west of Springs 5, 6, 7, 8, and 9 such that a part of the excavation conflicts with the 30-foot square reservations of each of these springs

as shown by dotted lines. Of course in this case my notes do not show whether the excavation was made by the Forest Service or by the clinic. In fact, I should like to know the purpose of the excavation -- whether as a rudimentary swimming pool, or as drainage to protect the rest of the area, or as a collecting sump for the waters of Springs 5 to 10.

In my notes, too, the bearing from boundary marker U-1 to the section corner in both leases was ___43°E 436 feet to the North 1/4 corner of Section 4. On drawing 6977 I have plotted both northeast and southeast, and the bearing southeast would place the north line of Section 4 through the approximate center of the Clinic leases. This line between Sections 4 and 33 was originally the park boundary. Therefore, if the southeast bearing was used the Forest Service granted a lease to some land that was not under its jurisdiction, which is quite improbable. The aforesaid Forest Service drawing 11-M1 shows that the north 1/4 corner was N43°E. On the basis of these two arguments, I conclude that U-1 is South 43° West 436 feet from the North 1/4 corner of Section 4, T. 14 N, R. 10 E., W. B. & M. This seems to be the only means of equating existing Park Service maps to the General Land Office surveys of the same area.

On the basis of these conclusions, and using Park Service drawings 5152 and 5310, both of the Ohanapecosh Water System, drawings 5049 and 5114, covering the topography of the area, and a copy of the General Land Office survey of the original park boundary, I have prepared drawing No. NP-RAI-6978 which, with minor variations, will ultimately serve as the map to accompany the water right claim for the area.

The hotel is apparently served by a pipe line diverting from some source north of the Clinic area, but the Regional Office has no map either of the leased area or the pipe line prepared by the Clinic in accordance with the Park Service regulation requiring operators to provide such maps, and it has no map which shows the complete pipe line or its diameter and the profile of the portion to the north of the Clinic area. Is there such a map in the park files, or could one be obtained? The rest of the alignment profile, pipe diameter, and data on diversion works are essential if the Park Service is to file a claim and perfect a water right for this system.

The plan also shows a diversion from Spring No. 6 to the bathhouse adjacent to the hotel, but again we have no diameter for the pipe. I have prepared a profile from the topographic map from which the approximate capacity could be computed if we knew the pipe diameter. However, the old Forest Service map of the area also indicates a tank

or reservoir at Spring No. 6, and we should have the storage capacity of it. The old Forest Service map also shows a public bathhouse at Spring No. 5. The question arises as to whether this still exists, and whether the Park Service operates a public service at this spring in competition with the Clinic. Of Springs 2, 3, and 4, the Forest Service map indicates that two are covered (we do not know whether by the Forest Service or Clinic) and that the third is known as the Barrel Spring -- presumably due to the installation of a barrel. Spring No. 1 apparently is undeveloped, and Springs 7, 8, 9, and 10 are undeveloped unless they are used through the 6-foot pit previously discussed. Spring No. 11 may or may not be developed, though, due to its proximity to the two cottages within the 30-foot square, it may have specific use at these buildings.

This makes eleven springs within the Clinic area, of which only one is clearly used by the Clinic. We should like to know the extent to which the others may now be used or may be developed by the Clinic in the future. The map also shows Springs 12, 13, 14, 15 and 16 lying between the west boundary of the Clinic and the Ohanapecosh River, apparently within a few feet of the water line of that river. Apparently none of these have been developed to date. The question is whether either the Clinic or the Park Service proposes to use them in the future. Springs 17, 18, and 19 lie to the south of the Clinic area in what was originally designated as "Expansion Camp Area" on the Forest Service map. That map shows that in 1928 there was a pipe line diverting from the junction of the outlet of Spring 19 and the combined outlet of Springs 17 and 18, and extending to a masonry stove not far from the present bridge across the river. This pipe line is shown on the map as Spring 19 pipe line. The question is whether it is still in existence and being used by the Park Service. If so, we shall need the description of the diversion works, pipe diameter, and whether used merely at a spigot or for other purposes. From the topographic map I have prepared a profile which should give the approximate capacity.

Apparently the main source of domestic water supply for the Campground Area is the old pipe line diverting from a nameless stream just west of the East Side Highway and south of the Clinic area, which I have designated as Ohanapecosh Campground Pipe Line. As shown on the profile this 1½-inch pipe line has a capacity of 0.066 second foot or 43,000 gallons per day. The master plan shows that, although a large portion of this pipe line may be removed, the diversion will be thrown into the pipe line from the Laughing Water Creek supply. It therefore becomes a part of the permanent Park Service water system, though of course providing relatively little fire protection head. It would serve the probable needs of the area during the late fall, winter,

and early spring seasons when it might not be desirable to subject the Laughing Water supply to the danger of damage by freezing. The question is whether a flow of 43,000 gallons a day can be obtained from this source.

The Laughing Water pipe line is fully covered by plans except that a temporary distribution line now extends down the road to the checking station with random sizes of pipe and uncertain capacity, and the plan ultimately calls for a 3-inch line just off the road. Is this plan still official?

At the diversion there was originally a ram and a 1,000-gallon reservoir to provide the water. We do not know what the capacity of the ram was, but it is not important if it has been abandoned. The diversion is now by gravity from a dam 1,005 feet further upstream. Referring to the profile, it will be noted that the pipe capacity from the 1,000-gallon reservoir to the 60,000-gallon reservoir is0.24 second foot. The capacity from the new diversion becomes the same0.24 second foot if this 1,000-gallon reservoir iskept in use, as it serves as a pressure reducer. However, as the profile shows, by cutting out this reservoir and running the water directly from the diversion to the 60,000-gallon reservoir a capacity of0.4 of a second foot is possible. The plan for the diversion extension shows the pipe line connected below the reservoir, but the profile suggests that the reservoir is to be maintained. The question is whether proper connections have been made or will be made to cut out this 1,000-gallon reservoir in the interest of the increased diversion capacity.

This study indicates that the Park Service pipe lines have a total capacity of somewhere between .47 and .50 of a second foot, depending on the existence and capacity of the Spring 19 pipe line, and it seems quite probable that at least another .25 of a second foot may be available from the Clinic pipe lines. This seems to be ample water for this area and, subject to your approval, is the quantity I tentatively propose to claim by filings.

I am not entirely sure yet whether we should make a distinction between the water from the hot springs and the cold water supplies or not, but the Forest Service map indicates definitely that only a part of the 19 springs are hot water, and the Spring 19 pipe line indicates that the water from Springs 17 to 19,at least by the time they reached that diversion, must have been cool enough for use for drinking. It might therefore be desirable to know just which springs are so-called

medical springs and which ones are natural water. In this connection, I have numbered the springs in accordance with the Park Service topographic map, and the numbers differ somewhat from those used by the Forest Service in 1926 and 1928.

The Water Code was adopted in Washington in 1917, and the earliest lease to the Bridge Clinic seems to have been in 1921. We do not know how early the "Expansion Campground" may have been developed by the Forest Service. The point at issue is that water rights initiated by diversions prior to 1917 may not need appropriative filings. For that reason, it would be desirable to know if possible when the first water use was made in this area. If all water use was initiated after 1921 we shall claim priority as of the date of the lease to the Bridge Clinic. On the other hand, if you are able to provide dates preceding 1917, we may be able to establish a priority accordingly.

In justifying the quantity of water we must know what consumption or beneficial use is actually to be made or has been made. We should know the total capacity of the Clinic and proposed capacity of the Campground. A part of this is probably in the master plan. However, it is possible, if the Laughing Water pipe line was installed in time, that we have already made use of the full amount of water before the road camp and CCC camp were abandoned. For that reason, although this cannot fit in any future proof, it would be desirable to know what the maximum population has been in the area in the past in order that we may perfect a right by license at once if possible.

(SGD.) A. VAN V. DUNN
Hydraulic Engineer.

Enclosures.

cc: Director, with prints.
Supt., Mt. Rainier, with prints.

12-31-1942: memorandum to superintendent from hydraulic engineer regarding the returning copy of mr. hommon's report on sani

Mr. Dunn.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
WATER RIGHTS SECTION

SAN FRANCISCO, CALIF.

601 Sheldon Building

December 31, 1942.

MEMORANDUM for the Superintendent,
Mt. Rainier National Park.

We return herewith your copy of Mr. Hommon's report on Sanitary Conditions at Ohanapecosh Hot Springs, together with a copy of certain notes I have taken therefrom for use in preparing our water claim. We are not, of course, so interested in the sanitary feature as in quantities of water, type of use, and the public interest in free access to the springs which seemed to exist while they were under Forest Service supervision.

Since Mr. Hommon's report may not be in other Park Service offices we are sending copies of the notes to the Director and Regional Director.

Mr. Davidson advises that any plan for a free bathhouse at the campground, with water from Springs 4 and 7, as Mr. Hommon suggested, has now been abandoned. Is this your idea, too?

I have previously pointed out that the springs are numbered differently on the Park Topographic Maps than on the old Forest Service Maps which Mr. Hommon also used. Also, the Park Service shows 19 while the Forest Service showed only 15 springs. I have been using, and propose to continue to use the Park Service system unless there are objections. The question is whether either system has any significance to justify its retention.

We find that the Clinic diversion, as shown on the highway plan you mentioned, will serve practically the same purpose as the field check we suggested. On this basis we hope to complete the filing with the data we now have.

(SGD.) A. VAN V. DUNN

Hydraulic Engineer.

Enclosure 2136641.

cc: Director, with copy of notes.
Region Four, with copy of notes.

December 31, 1942.

Notes from Mr. Hommon's Report of July 1929 on

Sanitary Conditions at Ohanapecosh Hot Springs

Mt. Rainier National Park

Operator's main water supply is from spring just inside original park boundary.

Guests take rest on cots in dressing rooms between baths, implying two baths per capita per day. Full tub (1) and cleaning estimated at 40 gallons.

Daily average number of tub baths per day in 1928 was 40, maximum was 53, based on hotel and 9 cabin development and using 3 hot springs and 1 cold.

Diversion 4 of my map was to serve campground for which 25 cents per day was charged -- it did not pay. Park advises that system has been removed. Hommon stated spring and creek were subject to contamination.

Campground use 1927 was maximum of 45 camps with 135 people -- a figure not reached by July 27, 1929.

Spring No. 1 = My No. 6 - Temperature 124°, flow 10 gpm, concrete encased with wooden cover, used only at bath house.

Spring No. 2 = My No. 5 - Temperature 118°, flow 5 gpm, in wooden building at that time -- not now, had plank cover. Water dipped. Hot water.

Spring No. 3 = My No. 4 - Temperature ____, flow 1450 gpd, in open topped plank well. Hot water.

Spring No. 4 = My No. 2 - Temperature 120°, flow 7200 gpd, concrete well, wood top, pipe outlet to fill cups for drinking purposes. Springs 1 and 4 constitute 56% of all hot water.

Spring No. 5 = My No. 1 - Cold sulphur water, flow 1 gpm, in small grotto, water dipped.

Spring No. 6 = My No. 3 - Plank cover - connected to line from Spring No. 1 to serve bath house (must be hot).

Spring No. 7 = My No. 7 (?) - Temperature 105°, flow 5.5 gpm, not in use at time and hard to divert, flowed into excavation.

Springs 10-15 = My Nos. 11-19 - Flows small, not justifying development.

Annual public use 4000 but expected to increase when good road is provided (it has been, now).

Main domestic supply then considered ample for all needs of operator and Forest Service.

Forest Service permit to Bridge did not adequately define amount of water to be used by clinic (doubt if NPS does either), but does require that enough be left for customary public use. (Limits operator's development.)

Total measured flow of hot springs at time of inspection July 27, 1929, was less than 40,000 gpd.

Recommend Springs 1 & 2 be used exclusively by operator.
Springs 4 & 7 be used at public campground (not yet done).
Spring No. 6 be filled up.
Springs 3 & 4 be combined by pipe connection.
Spring No. 5 be developed with sanitary fountain and 1,000 gallon storage facilities.

Forest Supervisor E. J. Fenby reported to District Forester on November 21, 1928:

The State condemned the pools which had been open to the public.

The public protested the 25 cents charged at Bridge's bath house and held meetings and petitioned for adequate free bathing, and sanitary improvement if necessary.

Hommon investigation of next year, as U.S.P.H. investigation, was at request of Forest Service to check State public health.

Bridges first started his clinic about 1920.

Public use, much older. References go back to 1916 use.

02-21-1962: completion report of construction project: contract no. 14-10-0426-595

Form 10-274 (Rev. 9-60)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

COMPLETION REPORT OF CONSTRUCTION PROJECT

REGION	AREA	COUNTY	STATE
Four	Mount Rainier National Park	Lewis	Washington

PROJECT OR JOB TITLE: Construction of Water System — PCP NO.: U-2-6 & B-157

LOCATION IN AREA	MASTER PLAN NO.	BUILDING NO.
Chanpeeosh Campground	NP/RAI 3343-B	HD-215

WORKING DRAWING NO. AND TITLE: NP/RAI 3345 Water System

APPROPRIATION TITLE AND SYMBOL: Construction, National Park Service 14X1035 — WORK ORDER NO.: B-12 MOBA (3rd Rev.)

CONTRACT NO.	DATE WORK STARTED	DATE WORK COMPLETED
14-10-0426-595	Oct. 27, 1960	Sep. 28, 1961

NAME OF CONTRACTOR: Pacific Concrete Company — ADDRESS: P. O. Box 7648, Portland 20, Oregon

COST ANALYSIS

CONSTRUCTION ITEMS	QTY.	UNIT COST IN PLACE	TOTAL COST IN PLACE
Total Water System (see attached Estimate)			$ 96,819.80
Change Order No. 1 (see attached Estimate)			8,550.00
Change Order No. 2 " " "			2,297.79
Change Order No. 4 " " "			260.00
P.S.&S. Costs (18.27%)			19,718.37
		TOTAL	$127,645.96

Costs verified by: Jerry F. Donahue
Jerry F. Donahue
Supervisory Accountant

JV 24-60(A) 2-17-62

SUMMARY OF EXPENDITURES

PERSONAL SERVICES	EQUIPMENT	MATERIALS AND SUPPLIES

OTHER: P.S.&S. $19,718.37

ORIGINAL CONTRACT AMOUNT	CHANGE ORDERS FIRST	SECOND	THIRD
$103,723.25	$8,550.00	$2,297.79	
FINAL CONTRACT AMOUNT	FOURTH	FIFTH	SIXTH
	$260.00		

THIS PROJECT OR JOB HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AUTHORIZED CHANGES

SUBMITTED BY (Name and title): R.B. Martin, Project Supvr. & James L. Bentley, Engr. Trainee — DATE: February 21, 1962

APPROVED BY (Name and title): John A. Rutter, Superintendent TSGD) JOHN A. RUTTER — DATE: February 21, 1962

(ATTACH NARRATIVE STATEMENT, PHOTOGRAPHS, AND "AS BUILT" DRAWINGS TO THIS FORM)

GPO 914176

CONSTRUCTION OF WATER SYSTEM

Chanapecosh Campground

Construction of a water system under contract #14-10-0426-595 to serve the Chanapecosh Campground and Utility Area at Mount Rainier National Park. The work covers the construction of an intake structure on Laughing Water Creek, laying a four inch (4") water line from the intake structure to an existing wood line, construction of a chlorinator house, cast iron four (4) and six (6) inch distribution lines to the utility area and campground area on the north and south side of the Chanapecosh River.

The contractor started to work on the intake structure and steel pipe (4") from the intake structure on October 27, 1960, and work continued until winter closedown on November 18, 1960.

Construction on the water system was resumed the latter part of May 1961 and the work completed the latter part of August 1961, with the exception of some minor changes on water pressure in the chlorinator house which was corrected in September 1961.

Change Order No. 1 covered construction changes in the nine water stations attached to this contract.

Change Order No. 2 covered numerous changes not covered by the specifications for the satisfactory installation of the water system.

Change Order No. 4 covered the installation of an additional pressure regulatory valve in the chlorinator house to reduce a "water hammer" in the line.

The water system was accepted as completed on September 28, 1961. A usable facility was constructed.

Reference 9
October, 1940

APPRAISED COST OF WATER SYSTEM

OHANAPECOSH AREA---MOUNT RAINIER NATIONAL PARK

Diversion Dam on Laughing Water Creek (1941 CCC)

	Width	Thickness	Height	
Top	32'	2'	20'	
Bottom	10'	12'	20'	
110 cu. yds. masonry @ $19				$2,100
5820 ft. 4" Wood Stave Water Main				6,678
60,000 gal. Wood Stave Tank, concrete foundation				900
770 ft. 6" C.I. water main				1,540
540 ft. 4" galv. steel pipe				900
1673 ft. 3" " " " to Ranger Station				1,750
340 ft. 4" " " " to Lodge & cabins				510
1077 ft. 3" " " " to Campground & 3 comfort sta.				1,130
2 4" Water Meters				800
Valves, fittings, miscellaneous supplies				565
Warehousing				75
Engineering				1,694
Total				$18,642

Future additions 1942-45

1000 ft. 3" galv. steel pipe - camp grd.	1,050
1000 ft. 3" " " " - NPS Utility & Res. Area	1,050

05-01-1935: mount rainier national park water systems revised list based on information supplied in letter march 20, 1935, from c.

MOUNT RAINIER NATIONAL PARK

WATER SYSTEMS

Branch of Engineering,
San Francisco, California,
May 1, 1935.

Revised list based on information supplied in letter March 20, 1935, from C. E. Drysdale, Supervising Engineer to O. A. Tomlinson, Superintendent.

Drainage

Except for one or two very small drainage areas on the south, no water flows into the park from outside.

The northern and western portions of the park are drained by the Puyallup River and its tributaries, Mowich River, Carbon River and White River. Puyallup River flows into Puget Sound at Tacoma.

The southwestern portion is drained by Nisqually River, which flows into the south end of Puget Sound.

The southeastern portion drains through Ohanapecosh River and Muddy Fork into Cowlitz River, which flows into Columbia River near Longview.

Conflicting Use

All streams, after leaving the park flow westward through a region where irrigation is not necessary. Practically the only use is for hydroelectric purposes. The city of Tacoma develops power on White River and Nisqually River.

Water Systems

(Existing unless otherwise designated)

1. Longmire. Dwg. RAI-5123, 5047. Report on 1932 season's activities by R.D. Waterhouse, p. 34.

Serves: Park headquarters, residential area, utility area, camp ground.

Source of Supply: Cold Creek which is tributary to Nisqually River.

System: Concrete intake dam; 4" wood stave gravity line to 60,000 gal. wood stave regulating tank; 6" wood stave line to headquarters distribution system; 4" wood stave line to camp ground,

community bldg. and sawmill distribution system.

Notes: Maximum capacity, 0.55 sec. ft.; maximum present use, 0.16 sec. ft. Regulating tank has two hour fire drawdown at 560 gallons per minute.

2. Longmire Operator: Owned by Rainier National Park Company.
Serves: Inn, operators' utilities and cabin area.
Source of Supply: Creek tributary to Nisqually River.
System: Diversion dam and 8" wood stave pipe line.
Notes: Maximum capacity, 0.70 sec. ft.; maximum present use, 0.14 sec. ft.

3. Rock Crusher, Cougar Rock:
Source of Supply: Nisqually River.
System: Pumping plant; 4" wood stave pipe line.
Notes: Maximum capacity and use, 0.55 sec. ft.

4. Paradise, Dwg. RAI-4832.
Serves: Government buildings, operator buildings, and public camp ground.
Source of Supply: Edith Creek, which is tributary to Nisqually River.
System: Two timber sheeted, earth-fill intake dams; one 12" and one 6" wood stave gravity line to fire by-pass and distribution system.
Notes: Maximum capacity 1.70 sec. ft., maximum present use, 0.40 second ft.

5. Yakima Park, Dwg. RAI-4963A.
General construction reports by R. D. Waterhouse, Park Engineer, as follows: Calendar year 1929, p. 14; "as of Nov. 1, 1930", p. 10; "1932 Fiscal Year", p. 46; "1932 Season", p. 94.
Serves: Government buildings, operator buildings, public camp ground.
Source of Supply: Lodi Creek and Frozen Lake. Lodi Creek is tributary to West Fork of White River, and Frozen Lake is Tributary to White River.
System: Concrete diversion dam below springs on Lodi Creek; concrete settling basin; electrically driven pumping plant of two units, one delivering 100 gallons per minute, and the other 300 gallons per minute; 5200' of 6" pipe line, of which 2600 is G. I. double strength and the rest steel, to Frozen Lake; earth fill dam with concrete core impounds 28,000,000 gallons in Frozen Lake; 6" wood stave line, 10,300' to Yakima Park; 4" and smaller distributing system.
Notes: Maximum capacity, 1.10 sec. ft.; max. present use, 0.22 sec. ft. Flow of springs on Lodi Creek is approximately 1000 gallons per minute (2.23 sec. ft.). Frozen Lake reservoir collects drainage from small surrounding territory. Except in extremely dry seasons it is not necessary to use the Lodi Creek supply.

6. White River Entrance.
Serves: Government buildings.
Source of Supply: Klickitat Creek which is tributary to White River.
System: Diversion dam; 2" steel pipe to tank; 2000 gal. storage tank; 4" steel pressure main.
Notes: Maximum capacity, 0.20 sec. ft., maximum present use, 0.05 sec. ft.

7. Tipsoo Lake (Proposed). Dwg. RAI-4949.
To Serve: Picnic area, comfort stations, and future ranger station.
Source of Supply: Springs tributary to Tipsoo Lake, which is tributary to Chinook Creek, which is tributary to Ohanapecosh River.
System: Collecting basins at springs, 2" pipe to storage tank; 2000 gal. wood stave storage tank; 4.3" and 2" mains to distributing system.
Notes: Maximum capacity, 0.10 sec. ft.

8. Nisqually Entrance. Dwg. RAI-5115.
Serves: Ranger station and dwellings.
Source of Supply: Creeks tributary to Nisqually River
System: Diversion dams on 2 creeks; 2" steel pipe.
Notes: Maximum capacity 0.10 sec. ft.; maximum present use, 0.05 sec.ft.

9. Lake George Ranger Station.
Dipped from Lake George.
Lake George is drained by Fish Creek, which is tributary to Tahoma Creek, which is tributary to Nisqually River.

10. St. Andrews Creek Patrol Cabin.
Dipped from St. Andrews Creek which is tributary to Puyallup River.

11. Sunset Park Patrol Cabin.
Dipped from Lake which is tributary to Mowich River.

11a. Sunset Park. (Proposed)
To Serve: Maintenance camp and public camp ground.
Source of Supply: Creek which is tributary to Mowich River.
System: Pump from creek to storage tank; 4" wood stave main to distributing system.
Notes: Maximum capacity, 0.10 sec. ft.

12. Mowich Entrance (Proposed)
To Serve: Maintenance camp, ranger station and comfort station.
Source of Supply: Creek tributary to Mowich River.
System: Diversion dam and pipe line.
Notes: Maximum capacity, 0.10 sec. ft.

13. Mowich Lake Ranger Station.
Dipped from Mowich Lake which is tributary to Mowich River through Crater Creek.

13a. Mowich Lake Ranger Station (Proposed)
To Serve: Ranger Station and Camp Ground.
Source of Supply: Creek which is tributary to Crater Creek which is tributary to Mowich River.
System: Diversion dam and pipe line.
Notes: Maximum capacity 0.10 sec. ft.

14. Carbon River Entrance.
Serves: Ranger Station.
Source of Supply: Creek which is tributary to Carbon River.
System: 3/4" pipe line from creek.
Notes: Maximum capacity, 0.01 sec. ft.; maximum present use 0.005 sec. ft.

15. Ipsut Creek Ranger Station.
Dipped from Ipsut Creek which is tributary to Carbon River.

16. Carbon River CCC Camp.
Source of Supply: Ipsut Creek, which is tributary to Carbon River.
System: Pump and pipe line; 2000 gal. storage tank.
Notes: Maximum capacity, 0.06 sec. ft.; max. present use, 0.02 sec. ft.

17. Olson Patrol Cabin.
Dipped from creek tributary to Carbon River.

18. Moraine Patrol Cabin.
Dipped from Moraine Creek, which is tributary to Carbon River.

19. Mystic Lake Patrol Cabin.
Dipped from creek tributary to W. Fk. White River.

20. Lake James Patrol Cabin.
Dipped from creek tributary to W. Fk. White River.

21. White River Patrol Cabin.
Dipped from creek tributary to White River.

22. White River Camp Ground.
Serves: Camp ground and patrol cabin.
Piped from stream tributary to White River.

23. Starbo Mines Hydroelectric Plant. (Privately owned).
Source of Supply: White River.
System: Flume from river.
Notes: Water returned to White River without loss. Plant is not now in operation. See sheriff's sale data on file in County Clerk's office in Seattle.

24. Three Lakes Patrol Cabin.
Dipped from well.

25. Nickel Creek Patrol Cabin.
Dipped from Nickel Creek, which is tributary to Cowlits River.

26. Paradise River Hydroelectric Plant. Owned by Rainier National Park Company.
Serves: Operator and Government.
Source of Supply: Paradise River, which is tributary to Nisqually River.
System: Concrete dam, small storage capacity; 3-ft. wood stave penstock; 800 KVA plant.
Notes: Uses 3 sec. ft., all returned to Paradise River.

27. Indian Henry Patrol Cabin.
Dipped from stream tributary to Tahoma Creek, which is tributary to Nisqually River.

28. Tahoma Creek CCC Camp.
Source of Supply: Creek tributary to Tahoma Creek, which is tributary to Nisqually River.
System: Diversion dam; 2" supply line; 3000 gal. storage tank.
Notes: Max. capacity, 0.05 sec. ft.; max. present use, 0.02 sec. ft.

29. Narada CCC Camp.
Piped from Paradise River, which is tributary to Nisqually River.
Maximum capacity, 0.03 sec. ft.; max. use 0.02 sec. ft.

29a. Narada Falls (Proposed)
To Serve: Shelter cabin and comfort station.
Source of Supply: Edith Creek.
Notes: This is to be an extension of Paradise water system. Max. capacity 0.10 sec. ft.

30. St. Andrews Creek CCC Camp.
Piped from St. Andrews Creek, which is tributary to Puyallup River.
Max. capacity 0.03 sec. ft.; max. use, 0.02 sec. ft.

30a. St. Andrews Creek (proposed)
To Serve: Maintenance camp and public camp ground.
Source of Supply: St. Andrews Creek, which is tributary to Puyallup River.
System: Diversion dam; 2" steel pipe line and distributing system. (To include CCC camp system.)
Notes: Max. capacity, 0.10 sec. ft.

31. White River CCC Camp.
Piped from creek tributary to White River.
Max. capacity, 0.03 sec. ft; max. use, 0.02 sec. ft.

32. Ohanapecosh CCC Camp.
Serves: CCC camp, ranger station and camp ground.
Source of Supply: Creek tributary to Ohanapecosh River.
System: Small diversion dam; 2" and 1½" pipe line.
Notes: Max. capacity and max. present use, 0.04 sec. ft.

33. Ohanapecosh Operator.
Owned by Bridge Clinic, 744 Market St., Tacoma, Wash.
Serves: Lodge and cabins.
Source of Supply: Springs tributary to Ohanapecosh River.
System: Collecting cisterns; 4000 gal. storage tank; 5" and 4" wood stave mains.
Notes: Max. capacity, 0.20 sec. ft.; max. present use, 0.05 sec. ft.

34. Ohanapecosh Operator.
Owned by Bridge Clinic, 744 Market St., Tacoma, Wash.
Serves: Bath houses.
Source of Supply: Hot Springs tributary to Ohanapecosh River.
System: Collecting basin; 2" pipe line.
Notes: Max. capacity, 0.04 sec. ft.; max. present use, 0.02 sec. ft.

35. Ohanapecosh (Proposed)
To Serve: Government and operator buildings and public camp ground.
Source of Supply: Laughing water Creek, which is tributary to Ohanapecosh River.
System: Dam; hydraulic ram; 2000 gallons regulating tank; 4" wood stave pipe to 60,000 gal. wood stave storage tank; 6" cast iron main and distributing system.
Notes: Maximum capacity, 1.20 sec. ft.

36. Colonnades Fire Lookout.
Packed from creek tributary to Mowich River.

37. Tolmie Peak Fire Lookout.
Packed from Eunice Lake which is tributary to Mowich River through Meadow Creek.

38. Crystal Creek Fire Lookout
Packed from Crystal Lake which is tributary to White River through Crystal Creek.

39. Shriner Peak Fire Lookout.
Packed from Creek tributary to Ohanapecosh River.

40. Deer Creek Patrol Cabin.
Dipped from Deer Creek, which is tributary to Ohanapecosh River.

41. North Puyallup Bridge (Proposed)
To Serve: Comfort station and drinking fountain.
Source of Supply: Creek tributary to Puyallup River.
System: Dam and pipe line.
Notes: Max. capacity, 0.04 sec. ft.

42. Carbon River Camp Ground.
Dipped from spring tributary to Carbon River.

43. Tahoma Creek Camp Ground (Proposed)
To Serve: Future comfort station and camp ground.
Source of Supply: Creek tributary to Tahoma Creek, which is tributary to Nisqually River.
System: Dam and pipe line.
Notes: Max. capacity, 0.04 sec. ft.

44. Reflection Lake (Proposed)
To Serve: Future comfort station and picnic area.
Source of Supply: Creek tributary to Nisqually River.
System: Dam and pipe line.
Notes: Max. capacity, 0.05 sec. ft.

45. Mowich Lake Fish Hatchery (Proposed)
Source of Supply: Mowich Lake, which is tributary to Mowich River through Crater Creek.
System: Pipe or flume from outlet of lake.
Notes: To be built by the Bureau of Fisheries.
Max. capacity 2.30 sec. ft.

00-00-0000: letter to major o. a. tomlinson, superintendent, mora from a. w. burney, assistant chief engineer regarding compilatior

FILE COPY

MR Boundary
820.1

March 8, 1935

Major O. A. Tomlinson
Superintendent
Mount Rainier National Park
Longmire, Washington

Dear Major Tomlinson:

Reference is made to the Chief Engineer's letter of January 28, pertaining to appointment of Joseph Taylor to make a study of the water resources of the National Parks.

Attached is a copy of the tabulation of water system data pertaining to Mount Rainier Park, and a copy of the park base map, on which is shown the location of the various water systems.

We are anxious to obtain and compile for Mr. Taylor's use all available data in the various parks on both existing and proposed water systems but find that the information in his office is very incomplete. Please review both the data and map and return at your convenience with not only your comments but additional information.

There are, no doubt, a number of other water systems in the park regarding which we have no knowledge and these should also be mentioned in your reply.

Sincerely yours,

A. W. Burney
Assistant Chief Engineer

Encl.

AWB:RG

00-00-0000: letter to major o. a. tomlinson, superintendent, mora from a. w. burney, assistant chief engineer regarding compilatior

Tabulation of Water Systems MOUNT RAINIER NATIONAL PARK March 13, 1935

Status	Source	cfs Maximum present Use	cfs Maximum Capacity	Abstracted From	Condition of System	Improvement Needed	Improvement Cost $
1. Longmire: Supplies headquarters, residential area, utility area, campground. System: Concrete intake dam; 4" wood stave gravity line to 60,000 gal. wood stave regulating tank with two hour fire drawdown @ 560 gpm; 6" wood stave line to headquarters distribution system; 4" wood stave line to campground, community building, and sawmill distribution systems.							
Existing	Cold Creek	0.16	0.55	Nisqually Riv.	Good	Minor extensions	3,000
2. Longmire Operator: Privately owned. Supplies Inn, operator's utilities, and cabin area. System: Diversion dam, 8" wood stave pipe line.							
Existing	Creek	0.14	0.70	Nisqually Riv.	Fair		
3. Rock Crusher, Cougar Rock: Pumped from Nisqually River through 4" wood stave pipe.							
Existing	Nisqually R.	0.55	0.55	Nisqually Riv.	Good	Set up pump and construct sump	100
4. Paradise: Supplies operator, government buildings, and campground. System: Two timber sheeted earth fill intake dams; one 12" and one 6" wood stave gravity lines to fire by-pass and distribution system.							
Existing	Edith Creek	0.40	1.70	Nisqually Riv.	Fair	Extend pipe and constr. new intake dam:	15,000
5. Yakima Park: Supplies operator, government buildings, campground, etc. System: Concrete diversion dam just below springs on Lodi Creek; concrete settling basin; pumping plant of two units, one delivering 100 gpm and the other 300 gpm, electrically driven; 5200' of 6" pipe line, of which 2600' is G.I. double strength and the rest steel, to Frozen Lake, which drains small surrounding territory; earth fill dam with concrete core impounds 28,000,000 gallons in Frozen Lake; 6" wood stave line 10,300' to Yakima Park and 4" and smaller distributing system. Under present use, Frozen Lake supplies sufficient water except in extremely dry seasons, when Lodi Creek must be called upon for auxiliary use from its 1,000 gpm capacity.							
Existing	Lodi, Frozen L:	0.22	1.10	White River	Good	Possible future extensions	10,000
6. White River Entrance: Supplies government buildings. System: Diversion dam; 2" steel pipe to tank; 2,000 gal. storage tank; 4" steel pressure main.							
Existing	Klickitat Cr.	0.05	0.20	White River	Good	Extend distribution system	200

00-00-0000: letter to major o. a. tomlinson, superintendent, mora from a. w. burney, assistant chief engineer regarding compilatior

Status	Source	Maximum Use	Maximum Capacity	Abstracted From	Condition: System	Improvement Needed	Cost
7. Tipsoo Lake: To supply picnic area, comfort stations, and proposed ranger station. System: collecting basins at springs; 2" pipe to storage tank; 2,000 gal. wood stave tank; 4", 3", 2" mains to distributing systems.							
Proposed	Springs		0.10	Chanapecosh R.		Complete system	4,500
8. Nisqually Entrance: Supplies government buildings. System: Diversion dams on two creeks; 2" steel pipe.							
Existing	Two creeks	0.05	0.10	Nisqually Riv.	Good	Maintenance only	
9. Lake George Ranger Station: Dipped from Lake George.							
Existing	Lake George	Neg.	Neg.	Nisqually Riv.			
10. St. Andrews Creek Patrol Cabin: Dipped from creek.							
Existing	St. Andrews Cr:	Neg.	Neg.	Puyallup Riv.			
10a. St. Andrews Creek Maintenance Camp and Campground: System: Diversion dam, 2" steel pipe line and distributing system.							
Existing	St. Andrews Cr:		0.10	Puyallup Riv.		Entire System	1,000
Proposed							
11. Sunset Park Patrol Cabin: Dipped from Lake							
Existing	Small Lake	neg.	neg.	Mowich River			
11a. Sunset Park Main Camp and Campground: Pump from creek to storage tank; 4" wood stave line to distribution system.							
Proposed	Creek		0.10	Mowich Riv.		Entire system	5,000
12. Mowich Entrance - To serve maintenance camp, ranger station and comfort station. System: Diversion dam, supply line, distribution system.							
Proposed	Creek		0.10	Mowich Riv.		Entire system	2,000
13. Mowich Lake Ranger Station - Dipped from lake							
Existing	Lake	Neg	Neg	Mowich River			
13a. Mowich Lake Ranger Station and Campground: System: Diversion dam, supply line, distribution system.							
Proposed	Creek		0.10	Mowich River		Entire system	2,000
14. Carbon River Entrance: Supplies ranger station. System: 3/4" pipe line from creek							
Existing	Creek	0.005	0.01	Carbon Riv.	Good	Maintenance only	

Status	Source	Maximum Use	Maximum Capacity	Abstracted From	Condition: System	Improvement Needed	Cost
15. Ipsut Creek Ranger Station - Dipped from Ipsut Creek							
Existing	Ipsut Creek	neg	neg	Carbon River			
16. Carbon River CCC Camp - System: Pump to 2,000 gal. storage tank							
Existing	Ipsut Cr	0.02	0.06	Carbon River	Good	Future development for campground	500
17. Olson Patrol Cabin: Dipped from creek							
Existing	Creek	neg	neg	Carbon Riv			
18. Moraine Patrol Cabin: Dipped from creek.							
Existing	Moraine Creek	neg	neg	Carbon Riv			
19. Mystic Lake Patrol Cabin: Dipped from creek							
Existing	Creek	neg	neg	White River			
20. Lake James Patrol Cabin: Dipped from creek							
Existing	Creek	neg	neg	White River			
21. White River: Dipped from creek							
Existing	Creek	neg	neg	White River			
22. White River Campground - Piped from stream							
Existing	Creek	0.01	0.02	White River	Poor	Provide for larger capacity and larger distribution system	800
23. Starbo Mines Hydro Electric: System: Flume from White River, waste into White River.							
Existing	White River	No Loss:			Poor	Not operating	
24. Three Lakes Patrol Cabin: Dipped from well near lake.							
Existing	well	neg	neg	Chanapecosh			
25. Nickle Creek Patrol Cabin: Dipped from creek							
Existing	Nickle Creek	neg	neg	Cowlitz Riv			

Status	Source	Maximum Use	Maximum Capacity	Abstracted From	Condition: System	Improvement Needed	Cost
26. Paradise River Hydro-Electric Plant: Owned by operator. Supplies power to operator and government. System: concrete dam, small storage capacity; 3' wood stave penstock. 800 KVA plant. Using 3 cfs							
Existing	Paradise Riv	3.00 No loss	3.00	Nisqually Rv	Fair		
27. Indian Henry Patrol Cabin: Dipped from stream							
Existing	Creek	neg	neg	Nisqually Rv			
28. Tahoma Creek CCC Camp: System: Diversion dam; 2" supply line; 3,000 gal. tank							
Existing	Creek	0.02	0.05	Nisqually Rv	Good	Maintenance only.	
29. Narada CCC Camp: System: Piped from river							
Existing	Paradise Rv.	0.02	0.03	Nisqually Rv	Fair	Maintenance only.	
29a. Narada Falls: To supply shelter cabin and comfort station System: Extension from Paradise Water System.							
Proposed	Edith Creek		0.10	Nisqually Riv:		Entire system	2,000
30. St. Andrews Creek CCC Camp: Piped from creek							
Existing	St. Andrews Cr:	0.02	0.03	Puyallup Riv	Fair	Incorporate in new system (10a)	
31. White River CCC Camp: Piped from creek							
Existing	Creek	0.02	0.03	White Riv	Fair		
32. Ohanapecosh CCC Camp: Supplies CCC Camp, Ranger Station and Campground. System: Small diversion dam in creek piped from 2" and 1½" pipe.							
Existing	Creek	0.04	0.04	Ohanapecosh R:	Fair	Incorporate in new system (35)	
33. Ohanapecosh operator (Privately owned) System: Cistern for springs: 4,000 gal. storage tank; 5" and 4" wood stave line to distribution system.							
Existing	springs	0.05	0.20	Ohanapecosh Rv:	Fair		
34. Ohanapecosh operator (Privately owned) Supplies bathhouse. System: Collecting basin, 2" pipe line to operator bath house.							
Existing	hot springs	0.02	0.04	Ohanapecosh Rv:	Fair		

Status	Source	Maximum	Maximum	Abstracted	Condition of System	Improvement Needed	Cost
35. Chanapecosh: To supply government buildings, campground and operator. System: Dam; hydraulic ram; 2,000 gal. regulating tank; 4" wood stave pipe to 60,000 gal. wood stave storage tank; 6" cast iron main to distribution system.							
Proposed	Laughing Water: Creek		1.20			Complete the system	12,000
36. Columnades Fire Lookout - Packed from stream.							
Existing	Creek	neg	neg	Mowich River			
37. Tolmie Peak Fire Lookout: Packed from lake							
Existing	Sunrise Lake	neg	neg	Mowich River			
38. Crystal Creek Fire Lookout: Packed from lake							
Existing	Crystal Lake	neg	neg	White River			
39. Shriner Peak Fire Lookout: Packed from creek							
Existing	Creek	neg	neg	Chanapecosh Rv:			
40. Deer Creek Patrol Cabin: Dipped from creek							
Existing	Deer Creek	neg	neg	Chanapecosh Rv:			
41. North Puyallup Bridge and Parking Area. To supply proposed comfort station and fountain. System: Diversion dam in creek piped to area.							
Proposed	Small creek		0.04	Puyallup River:		Entire system	800
42. Carbon River Campground: Dipped from spring in campground							
Existing	Spring	neg	neg	Carbon River			
43. Tahoma Creek Campground: To supply proposed comfort station and campground. System: Diversion dam in creek piped to area.							
Proposed	Creek		0.04	Nisqually Riv		Entire system	800

Status	Source	Maximum Use	Maximum Capacity	Abstracted From	Condition: System	Improvement Needed	Cost
44. Reflection Lakes: To supply proposed comfort stations and picnic area. System: Diversion dam in creek piped to area.							
Proposed	Creek		0.05	Nisqually Riv.	Entire system		1,000
45. Mowich Lake Fish Hatchery: System: Pipe or flume water from outlet to lake							
Proposed	Mowich Lake		2.30	Mowich River	Entire system		2,000
	TOTAL	1.795	9.64				62,700

00-00-0000: tabulation of water system, back covercont



Sheet 1 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-2- Location (By Township & Range or Other)	-3- Source of Supply (If a Spring, name Stream which is Trib.)	-4- Location of Point of Diversion	-5- Places Where Water is Used	-6- Nature of Use (Domestic, Sanitary, Fire, etc.)	-7- Method of Diversion	-8- Cond. of System	-9- Place, Amount and Condition of Return. Is there Pollution?
Sec. 28, 29, 32, 33 T 15 N, R8E.	Cold Creek	Sec. 33 T15N, R8E.	Headquarters buildings, utility area, residences, camp ground.	Domestic, sanitary, fire protection	Dam, pipe line	Good	1/4 mile below Longmire 90% No Pollution Into Nisqually River
Sec. 28, 29, 32, 33 T 15 N, R8E	Creek tributary to Nisqually River	Sec. 29. T15N, R8E.	Inn, cabins and operator's utilities.	Domestic, Sanitary, fire protection	Dam, pipe line	Fair	1/4 mile below Longmire 100% No Pollution Into Nisqually River
Sec. 28 T 15 N, R8E	Nisqually River.	Sec. 28, T15N, R8E	Rock crusher	Industrial	Pump and pipe line	Good	At plant Nisqually River 100% No Pollution
Paradise Valley	Edith Creek.		Operator, Govt. Bldgs., camp ground.	Domestic, Sanitary Fire Prot.	Dam and pipe lines	Fair	Above Nisqually River 95% No Pollution
Yakima Park	Lodi Creek & Frozen Lake	Berkeley Park	Operator, Govt. Bldgs., camp ground.	Domestic, sanitary, fire prot.	Dam, pump pipe line	Good	1/4 Mile below Yakima Park into White River 95% No Pollution
White River	Klickitat Cr.		Govt. buildings	Domestic Sanitary Fire prot.	Dam, pipe line	Good.	Cess Pool in White River area 95% No Polution
Tipsoo Lake	Springs trib. to Chinook Cr.		Picnic area, comfort stations, future ranger sta.	Domestic Sanitary	Collecting basin pipe line.		Septic Tanks Same area 95% No Pollution
Sec. 34 T15N, R7E	2 creeks trib. to Nisqually Riv.	Sec. 34 T 15 N, R 7E	Government buildings	Domestic, Sanitary	2 Dams, pipe lines	Good	Cess Pools-Same area 95% No Polution
Lake George	Lake George		Ranger station	Domestic	Dipped.		Pits same area 100% No Polution
West Boundary	St. Andrews Creek.		Patrol cabin	Domestic	Dipped.		Pits same area 100% No Pollution
Sunset Park	Lake trib. to Mowich Riv.		Patrol cabin	Domestic	Dipped		Pits same area 100% No Pollution
Sunset Park	Creek trib. to Mowich Riv.		Maint. Camp and Camp Ground	Domestic	Pump and pipe line		Septic Tank same area 95% No Pollution
Sec. 27 T17N, R7E	Creek trib. to Mowich Riv.	Sec. 27 T17N, R7E	Maintenance camp, ranger sta., comfort sta.	Domestic Sanitary	Dam and pipe line		Septic Tank Same area 95% No Pollution
Sec. 25 T17N, R7E	Mowich Lake	Sec. 25 T17N, R7E	Ranger Station	Domestic	Dipped		Pits same area 100% No Pollution
Sec, 25 T17N, R7E	Creek Trib. to Mowich Riv.	Sec. 25 T17N, R7E	Ranger Station, Camp Ground	Domestic	Dam and pipe line		Septic Tank same area 95% No Pollution

Note: In answering, please refer to Letter of the Director under Date of Feb. 7, 1935.
When space in column is inadequate, write information on separate sheet and indicate in column by "Note A", "Note B", etc.

Sheet 2 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-10- Give Ownership of Water System	-11- Approx. Date Park Use Commenced-Use Continuous or Interrupted?	-12- Actual amount of Park Use during Tourist Season Unit Used												-13- Storage Cap. of System (Gal or Acre Ft)	-14- Has Gov't. Water Rgt? Give Quant.	-15- Recorded			
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			Where	Bk.	Pg.	Date
National Park Service	1890 Continuous				Maximum			0.16	Sec. ft.					60,000 Gal. Tank.	No.				
Rainier National Park Co.	1910 Continuous				Maximum.			0.14	sec. ft.					None	No.				
National Park Service	1934 Summers				Maximum			0.55	sec. ft.					None	No				
National Park Service	1920 Continuous				Maximum			0.40	sec. ft.						No				
National Park Service.	1931 Summer				Maximum			0.22	sec. ft.					28 million gallons	No				
National Park Service	1931 Continuous				Maximum			0.05	sec. ft.					2000 gal. tank.	No				
National Park Service	1935 Summer													2000 Gal. tank.	No.				
National Park Service	1918 Continuous				Maximum			0.05	sec. ft.					None	No.				
National Park Service	1916 Summer				Negligible									None	No				
National Park Service	1916 Summer				Negligible									None	No				
National Park Service	1916 Summer				Negligible									None	No				
National Park Service	-														No.				
National Park Service	-														No				
National Park Service	1916 Summer				Negligible									None	No				
National Park Service	-														No				

Sheet 3 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-16- Government Rights Subject to What Known Priorities?	-17- Give so far as Known Private Holdings Possibly Affected by Park Use of Water.	-18- Total Measured Flow of Stream or Spring at Point of Diversion. Unit Used. G.P.M. Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	-19- Is Supply Adeq? Yes	No	-20- If Additional Supply Necessary, Give: Probable Source	Amount
None	City of Tacoma	Minimum in drought years									250 Max 5000			Yes		—	
	City of Tacoma	—			—			—			100			Yes			
	City of Tacoma.	Never measured												yes		—	
	City of Tacoma.	—			—									yes			
	City of Tacoma.	Lodi Cr. approx. 1000 g.p.m. or 2.23 sec ft															
	City of Tacoma.	Klickitat creek never measured												yes			
		Springs minimum drought period 10 Max 100												yes.			
	City of Tacoma	Never measured												yes			
	City of Tacoma.	—			—									yes			
	None	—			—									yes			
		—			—									yes			
		—			—									yes			
		—			—									yes			
		—			—									yes			
		—			—									yes			

Park or Monument: Mt. Rainier N.P. (1) — Sheet 4 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service, Office of the Chief Engineer, San Francisco, Calif.

-1- General Name of Water System	-21- Procedure Necessary to Secure it. Probable Cost, etc. (See Quest. 6 of Dir. Letter 2-7-35)	-22- Flood Waters (See Quest. 7 of Dir. Letter 2-7-35)	-23- Fish Hatcheries (See paragraph following Quest. 8 of Dir. Letter 2-7-35)	-24- If any Water is Used for Agricultural Purposes, Give legal Descrip. & Acr. of Land Irrig. near as possible	-25- If Water is Used for Power, Give: Nature of Works	Head	Amount of Water Utilized	Use to Which Power is to be Applied.
1. Longmire	Application to State of Washington Dept. of Conservation & Development Forest Supervisor Olympic Forest	No profounding below. None necessary in Park.	~~[illegible]~~ Could be used for hatchery economically	Water lawns	—			
2. Longmire Operator		Same	Not sufficient	None				
3. Rock Crusher, Sugar Rock		Same	Not sufficient	None				
4. Paradise		Same	Too high for hatchery Snow in winter too deep	None				
5 Yakima Park		Same	Too far out for hatchery	None	Bureau of Fisheries has hatchery 6 miles away at Mt. car park			
6. White River Entrance		Same	not sufficient	None				
7 Tipsoo Lake (Proposed)		Same	Not sufficient	None				
8 Nisqually Entrance		Same	Could be developed but not near sufficient	None				
9. Lake George Ranger Station		Same	Too far out - Snow	None				
10 St. Andrews Cr. Patrol Cabin		Same	Too far out Snow	None				
11 Sunset Park Patrol Cabin		Same	— — — —	—				
11a Sunset Park (Proposed)		—	— — — —	—				
12 Mowich Entrance (Proposed)		—	— — — —	—				
13. Mowich Lake Ranger Station		—	— — — —	—				
13a. Mowich Lake (Proposed)		—	— — — —	—				

A-5110

Sheet 1 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-2- Location (By Township & Range or Other)	-3- Source of Supply (If a Spring, name Stream which is Trib.)	-4- Location of Point of Diversion	-5- Places Where Water is Used	-6- Nature of Use (Domestic, Sanitary, Fire, etc.)	-7- Method of Diversion	-8- Cond. of System	-9- Place, Amount and Condition of Return. Is there Pollution?
Sec. 3 T17N, R7E	Creek trib. to Carbon Riv.	Sec. 3 T17N, R7E	Ranger Station	Domestic	Pipe line	Good	Same - 100% - No pollution
Ipsut Cr.	Ipsut Creek	Above road - 200'	Ranger Station	Domestic	Dipped		Same - 100% - No pollution
Ipsut Cr.	Ipsut Cr	Above road - 400'	CCC Camp. Future camp ground.	Domestic, Fire prot.	Pump and pipe line	Good	Same - 95% - No pollution
Head of Carbon Riv.	Creek trib. to Carbon Riv.	at Road	Patrol Cabin	Domestic	Dipped		Same - 100% - " "
Moraine Park	Creek trib. to Carbon Riv.	at cabin	Patrol Cabin	Domestic	Dipped		" " " "
Mystic Lake	Creek trib. to White Riv.	Near lake - NE. side	Patrol Cabin	Domestic	Dipped.		" " " "
Lake James	Creek trib. to White Riv.	Near lake	Patrol Cabin	Domestic	Dipped		" " " "
White Riv. Entrance Rd.	Creek trib. to White Riv.	Near River	Patrol Cabin	Domestic	Dipped		" " " "
Inter Fork	Stream trib. to White Riv.	" "	Camp ground and patrol cabin	Domestic	pipe line	Poor	" " " "
Glacier Basin	White River (Inter Fork)	In basin	Hydroelectric plant	Power	Flume	Poor	White River 100% No p
S. E. Boundary	Well on Chanapecosh Riv. Drainage	at Cabin	Patrol Cabin	Domestic	Dipped.		Same - 100% - No pollution
Nickel Creek	Nickel Cr.	at Cabin	Patrol Cabin	Domestic	Dipped		" " " "
Paradise Riv.	Paradise Riv	1/2 miles above mouth	Hydroelectric plant	Power	Dam and penstock		Paradise Riv. No pollution
Indian Henry Hunting Grnd	Creek trib. to Tahoma Cr.	at cabin	Patrol Cabin	Domestic	Dipped.		Same - 100% No pollution
Sec. 35 T15N, R7E	Creek trib. to Tahoma Cr.	Unsurveyed Sec. 36 T15N, R7E	CCC Camp	Domestic, Fire Prot.	Dam and pipe line	Good	" - 95% " "
Narada Falls	Paradise Riv	300' above Narada	CCC Camp	Domestic Fire Prot.	pipe line	Fair	" " " "
Narada Falls	Extension from Paradise system		Shelter cabin and comfort station	Domestic Sanitary			" " " "

Note: In answering, please refer to Letter of the Director under Date of Feb. 7, 1935.
When space in column is inadequate, write information on separate sheet and indicate in column by "Note A", "Note B", etc.

Sheet 2 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-10- Give Ownership of Water System	-11- Approx. Date Park Use Commenced-Use Continuous or Interrupted?	-12- Actual amount of Park Use during Tourist Season Unit Used												-13- Storage Cap. of System (Gal or Acre Ft)	-14- Has Gov't. Water Rgt? Give Quant.	-15- Recorded			
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			Where	Bk.	Pg.	Date
National Park Service	Continuous 1930				Maximum		0.005	Sec.	ft.					None	No				
National Park Service	1925 Summer					Negligible								None	No				
Army	1933 6 mo. Summer				Maximum		0.02	Sec.	ft.					2000 Gal. tank	No				
National Park Service	1920 Summer					Negligible								None	No				
National Park Service	1925 Summer					Negligible								None	No				
National Park Service	1930 Summer					Negligible								None	No				
National Park Service	1931 Summer					Negligible								None	No				
National Park Service	1916 Continuous	to 1930 then Summer				Negligible								None	No				
National Park Service	1920 Summer				Maximum		0.01	Sec.	Ft.					None	No				
Starbo Mines	1916 my little	Not in use												None	No				
National Park Service	1934 Summer					Negligible								None	No				
National Park Service	1928 Summer					Negligible								None	No				
Rainier National Park Co.	1916 Continuous	all year		see fut. rhn available - winter is less on account of ice										Small	No				
National Park Service	1916 Summer					Negligible								None	No				
Army	1933 Summer				Maximum		0.02	Sec.	Ft.					3,000 Gal. tank	No				
Army	1933 Summer				Maximum		0.02	Sec.	Ft.					None	No				
National Park Service	—				Max		0.05	—	—					None	No				

Sheet 3 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-16- Government Rights Subject to What Known Priorities?	-17- Give so far as Known Private Holdings Possibly Affected by Park Use of Water.	-18- Total Measured Flow of Stream or Spring at Point of Diversion. Unit Used.												-19- Is Supply Adeq		-20- If Additional Supply Necessary, Give:	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yes	No	Probable Source	Amount
None	None													Yes			
	"													"			
	"													"			
	"													"			
	"													"			
	City of Tacoma													"			
	City of Tacoma													"			
	City of Tacoma													"			
	City of Tacoma													"			
	City of Tacoma													"			
	None													"			
	"													Yes			
	City of Tacoma	2 Sec ft at full capacity.												Yes	Yes	Nisqually R.	25 cu ft.
	City of Tacoma													Yes			
	City of Tacoma													"			
	City of Tacoma													"			
	City of Tacoma													"			

Park or Monument: Mt. Rainier N.P. (2) | Sheet 4 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-1- General Name of Water System	-21- Procedure Necessary to Secure it. Probable Cost etc. (See Quest. 6 of Dir. Letter 2-7-35)	-22- Flood Waters (See Quest. 7 of Dir. Letter 2-7-35)	-23- Fish Hatcheries (See paragraph following Quest. 8 of Dir. Letter 2-7-35)	-24- If any Water is Used for Agricultural Purposes, Give legal Descrip. & Acr. of Land Irrig. near as possible	-25- If Water is Used for Power, Give: Nature of Works	Head	Amount of Water Utilized	Use to Which Power is to be Applied.
14 Carbon River Entrance		no storage No need	not sufficient water	Area irrigated practically nil				
15 Ipsut Creek Ranger Station		no irrigation below	Possible but too much snow in winter	Same				
16 Carbon River CCC Camp		Same	Temporary setup.					
17 Olson Patrol Cabin		Same	Too high					
18 Moraine Patrol Cabin		Same	" "					
19 Mystic Lake Patrol Cabin		Same	" "					
20 Lake James Patrol Cabin		Same	" "					
21 White River		Same	Possible, lots of snow					
22 White River Camp Ground		Same	Too high					
23 Starbo Mines		Same	" "		Plant not operating.			
24 Three Lakes Patrol Cabin		Same	" "					
25 Nickel Creek Patrol Cabin		Same	" "					
26 Paradise Riv. Hydroelectric		may need to store water but my engineer	" "		800 KVA Capy.	350'	2 Sec. ft.	Operator and government.
27 Indian Henry Patrol Cabin		no storage below no need	" "					
28 Tahoma Creek CCC Camp		Same	Temporary setup Not very feasable					
29 Narada CCC Camp		Same	" "					
29a Narada Falls (Proposed)		Same	" "	Same				

Application of State of Washington Conservation & Development Dept. to Appropriate Water

RG.-5110

Sheet 1 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-2- Location (By Township Range or Other)	-3- Source of Supply (If a Spring, name Stream which is Trib.)	-4- Location of Point of Diversion	-5- Places Where Water is Used	-6- Nature of Use (Domestic, Sanitary, Fire, etc.)	-7- Method of Diversion	-8- Cond. of System	-9- Place, Amount and Condition of Return. Is there Pollution?
West Boundary	St. Andrews Cr.	500' above road	CCC Camp	Domestic	Pipe line	Fair	Below Camp - 95% No pollution - Cess Pool
West Boundary	St. Andrews Cr.	500' above road	Maintenance Camp and camp ground	Domestic	Dam and pipe line		—
White River	Creek trib. to White River	400' above road	CCC Camp	Domestic	Pipe line	Fair	Below camp - Cess Pool No pollution - 95%
Sec. 4 T14N R10E	Creek trib. to Ohanapecosh	Sec. 4 T14N, R10E	CCC Camp, ranger station, camp ground	Domestic Fire prot.	Dam and pipe line	Fair	Below camp - Cess Pool 95% No pollution
Sec. 4 T14N, R10E	Springs trib. to Ohanapecosh	Sec. 33 T15N, R10E	Hotel and cabins	Domestic, Sanitary, fire prot.	Collecting Cistern, pipe line	Fair	Below Hotel - Cess Pool No pollution 90%
Sec. 4 T14N R10E	Hot Spr. trib. to Ohanapecosh	Sec. 4 T14N, R10E	Bath house	Medicinal, recreational.	Collecting basin pipe line	Fair	Below Hotel - above Cess Pool No pollution - 95%
Sec. 4 T14N, R10E	Laughing water Creek	Sec. 33 T15N, R10E	Govt. & Operator Bldgs, Camp ground.	Domestic, fire prot	Dam, pipe line & ram.		Below Camp - Septic tank 90% No pollution
Colonnade	Stream trib. to Mowich Riv.		Lookout	Domestic	Packed		Pit toilet - 80% No pollution
Sec. 14 T17N, R7E	Eunice Lake	Sec. 14 T17N, R7E	Lookout	Domestic	Packed		Pit toilet 50% No Pollution
East Boundary	Crystal Lake		Lookout	Domestic	Packed.		Pit toilet 50% No pollution
Sec. 3 T15N, R10E	Creek trib. to Ohanapecosh.	Sec. 3 T15N, R10E	Lookout	Domestic	Packed		Pit toilet 50% No Pollution
Deer Cr.	Deer Creek		Patrol Cabin	Domestic	Dipped		Pit toilet - 50% No pollution
N. Puyallup River	Creek trib. to Puyallup Riv.	500' above road	Comfort station, drinking fountain	Domestic, Sanitary	Dam and pipe line		Septic tank 50% No pollution
Carbon River	Spring trib. to Carbon Riv.		Camp ground	Domestic	Dipped.		Pits - 70% No pollution
Tahoma Creek	Creek trib. to Tahoma Cr.	500' above Camp	Camp ground & comfort station	Domestic, Sanitary	Dam and pipe line		Pits - 60% No pollution
Reflection Lakes	Creek trib. to Tatoosh Cr.	500' above Lake to South	Picnic area and comfort station	Domestic sanitary	Dam and pipe line		Septic tank 60% No pollution

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Sheet 2 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-10- Give Ownership of Water System	-11- Approx. Date Park Use Commenced-Use Continuous or Interrupted?	-12- Actual amount of Park Use during Tourist Season Unit Used												-13- Storage Cap. of System (Gal or Acre Ft)	-14- Has Gov't. Water Rgt? Give Quant.	-15- Recorded			
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			Where	Bk.	Pg.	Date
	1933 Summer				Maximum			0.02	Sec.	Ft.				None	No.				
National Park Service	-													?	No.				
National Park Service	1933 Summer				Maximum			0.02	Sec.	Ft.				None	No.				
National Park Service and U.S. Army	1934 Summer				Maximum			0.04	Sec.	Ft.				Small	No.				
Bridge Clinic	1918 Continuous				Maximum			0.05	Sec.	Ft.				4,000 Gal. tank	No.				
Bridge Clinic	1910 Continuous				Maximum			0.02	Sec.	Ft.				None	No				
National Park Service	-													60,000 Gal. tank	No				
National Park Service	1932 Summer				Negligible									None	No.				
National Park Service	1935 Summer				Negligible									None	No				
National Park Service	1935 Summer				Negligible									None	No				
National Park Service	1928 Summer				Negligible									None	No.				
National Park Service	1926 Summer				Negligible									None	No				
National Park Service	-				Max. 0.02 Sec ft.									-	No				
National Park Service	1916 Summer				Negligible									None	No				
National Park Service	-													-	No				
National Park Service	-													-	No				

Sheet 3 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-16- Government Rights Subject to What Known Priorities?	-17- Give so far as Known Private Holdings Possibly Affected by Park Use of Water.	-18- Total Measured Flow of Stream or Spring at Point of Diversion. Unit Used.												-19- Is Supply Adequate?		-20- If Additional Supply Necessary, Give:	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yes	No	Probable Source	Amount
None	None		2	Sec	feet	min	–							Yes			
	None		–	–	–	–	–							–			
	City of Tacoma		1	Sec	feet	min								–			
	None		0.1	Sec	feet	max								–			
	None		0.1	–	–	–								–			
Bridge Clinic Tacoma	None		See Carey Common Report (San Francisco)											No		No additional possible	
None	None		5	Sec	feet	min								Yes			
				–													
				–													
				–													
				–													
				–													
			100	Sec	ft	min											
				–													
	City of Tacoma		0.1	Sec	feet	min											
None	City of Tacoma		1	Sec	ft	min								Yes			

Park or Monument: Mt. Rainier N.P. (3) — Sheet 4 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service, Office of the Chief Engineer, San Francisco, Calif.

-1- General Name of Water System	-21- Procedure Necessary to Secure It. Probable Cost etc. (See Quest. 6 of Dir. Letter 2-7-35)	-22- Flood Waters (See Quest. 7 of Dir. Letter 2-7-35)	-23- Fish Hatcheries (See paragraph following Quest. 8 of Dir. Letter 2-7-35)	-24- If any Water is Used for Agricultural Purposes, Give legal Descrip. & Acr. of Land Irrig. near as possible	-25- If Water is Used for Power, Give: Nature of Works	Head	Amount of Water Utilized	Use to Which Power is to be Applied.
30 St. Andrews Cr. CCC Camp		no - none needed	Temporary only	None				
30a St. Andrews Creek (Proposed)		no - none needed	Too high					
31. White River CCC Camp		Same	Temporary					
32 Ohanapecosh CCC Camp		Same	—					
33 Ohanapecosh Operator		Same	Might be used for small plant					
34. Ohanapecosh Operator		no flood, constant flow	no					
35. Ohanapecosh (Proposed)		no - none needed	Too small					
36. Colonnades Fire Lookout		Same	no					
37 Tolmie Peak Fire Lookout								
38 Crystal Creek Fire Lookout								
39 Shriner Peak Fire Lookout								
40 Deer Creek Patrol Cabin								
41. North Puyallup Bridge (Proposed)								
42 Carbon River Camp Ground								
43 Tahoma Cr. Camp Ground (Proposed)								
44 Reflection Lakes (Proposed)		Same						

Procedure Necessary to Secure It: Application to State of Washington, Department of Conservation & Development, Olympia, Wash.

P.G.:5110

Sheet 1 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-2- Location (By Township, Range or Other)	-3- Source of Supply (If a Spring, name Stream which is Trib.)	-4- Location of Point of Diversion	-5- Places Where Water is Used	-6- Nature of Use (Domestic, Sanitary, Fire, etc.)	-7- Method of Diversion	-8- Cond. of System	-9- Place, Amount and Condition of Return. Is there Pollution?
Sec. 25 T17N, R7E	Mowich Lake	Sec. 25 T17N, R7E	Fish hatchery		Pipe or flume		

Note: In answering, please refer to Letter of the Director under Date of Feb. 7, 1935.
When space in column is inadequate, write information on separate sheet and indicate in column by "Note A", "Note B", etc.

Sheet 2 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-10- Give Ownership of Water System	-11- Approx. Date Park Use Commenced-Use Continuous or Interrupted?	-12- Actual amount of Park Use during Tourist Season Unit Used												-13- Storage Cap. of System (Gal. or Acre Ft)	-14- Has Gov't. Water Rgt? Give Quant.	-15- Recorded			
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			Where	Bk.	Pg.	Date
Bureau of Fisheries?														fake	No				
Why not NPS.																			

Sheet 3 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service
Office of the Chief Engineer
San Francisco, Calif.

-16- Government Rights Subject to What Known Priorities?	-17- Give so far as Known Private Holdings Possibly Affected by Park Use of Water.	-18- Total Measured Flow of Stream or Spring at Point of Diversion. Unit Used.												-19- Is Supply Adeq		-20- If Additional Supply Necessary, Give:	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yes	No	Probable Source	Amount
None	None				Centfall	Lake				alt 2 Sec ft max					yes		

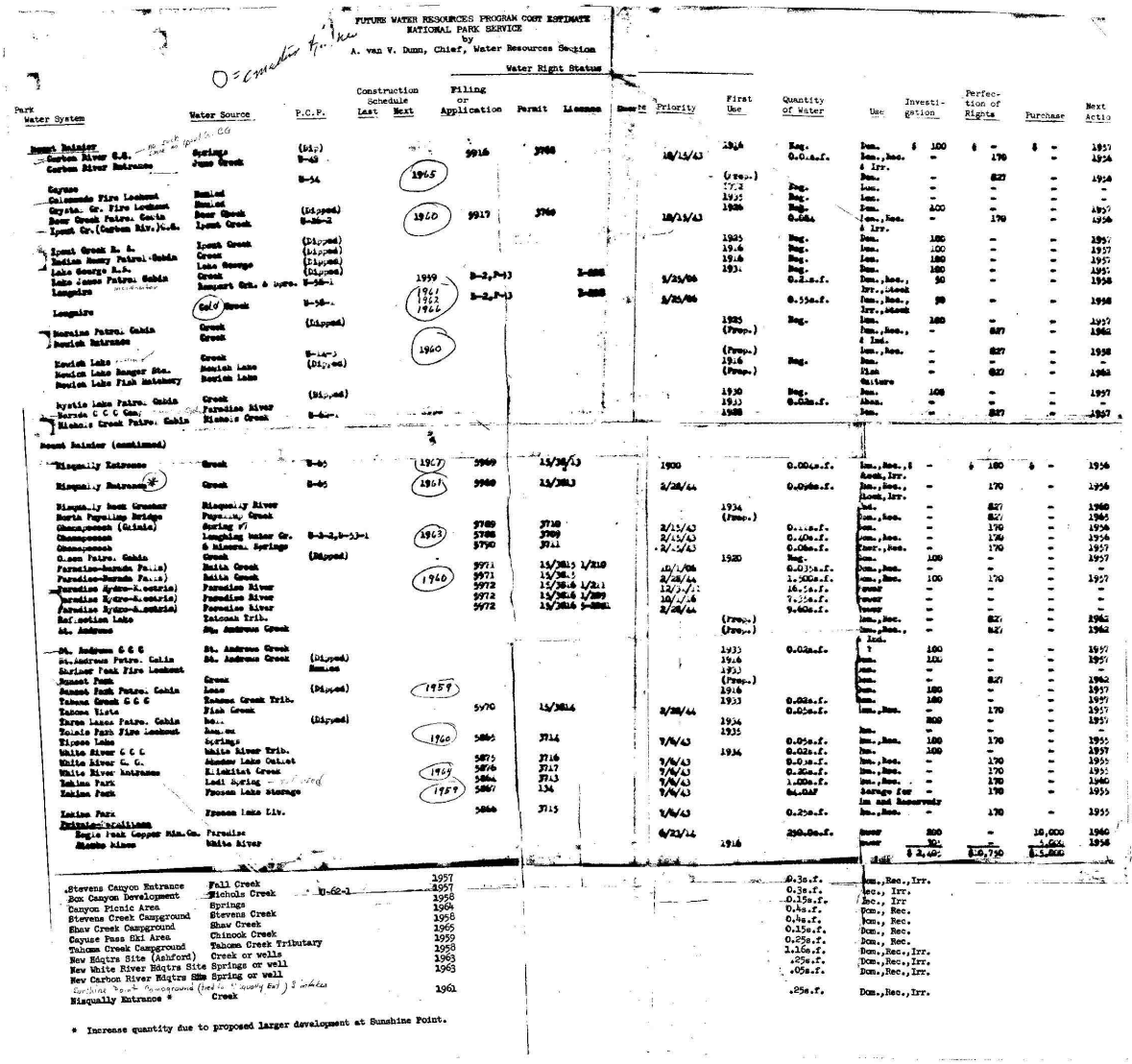
Park or Monument: Mt. Rainier N.P. (4) — Sheet 4 of 4

TABULATION OF DATA FOR STUDY OF WATER RIGHTS

National Park Service, Office of the Chief Engineer, San Francisco, Calif.

-1- General Name of Water System	-21- Procedure Necessary to Secure If. Probable Cost, etc. (See Quest. 6 of Dir. Letter 2-7-35)	-22- Flood Waters (See Quest. 7 of Dir. Letter 2-7-35)	-23- Fish Hatcheries (See paragraph following Quest. 8 of Dir. Letter 2-7-35)	-24- If any Water is Used for Agricultural Purposes, Give legal Descrip. & Acr. of Land Irrig. near as possible	-25- If Water is Used for Power, Give: Nature of Works	Head	Amount of Water Utilized	Use to Which Power is to be Applied.
45, Mowich Lk. Fish Hatchery (Proposed)	apply to State	None	Yes - Lots of snow to build against & winter time no communication	No				

P.G.-5110



FUTURE WATER RESOURCES PROGRAM COST ESTIMATE
NATIONAL PARK SERVICE
by
A. van V. Dunn, Chief, Water Resources Section

Park / Water System	Water Source	P.C.P.	Construction Schedule Last	Construction Schedule Next	Filing or Application	Permit	License	Priority	First Use	Quantity of Water	Use	Investigation	Perfection of Rights	Purchase	Next Action
Mount Rainier	Springs	(Dip)			9916	3968		12/13/43	1944	Reg.	Dom.	$ 100	$ -	$ -	1957
Carbon River G.S.	Deer Creek	B-49								0.0 c.f.	Dom.,Rec.	-	170	-	1958
Carbon River Entrance		B-54		1965							& Irr.				
									(Prop.)		Dom.	-	827	-	1958
Cayuse	Ramled								1935	Reg.	Com.	-	-	-	-
Colemonde Fire Lookout	Ramled								1935	Reg.	Com.	-	-	-	-
Cayuse, Gr. Fire Lookout	Deer Creek	(Dipped)		1960	9917	3969			1936	Reg.	Dom.	100	-	-	1957
Deer Creek Patrol Cabin	Lyont Creek	B-52-2						12/13/43		0.04 c.f.	Dom.,Rec.	-	170	-	1958
Lyont Cr.(Carbon Riv.)G.S.											& Irr.				
	Lyont Creek	(Dipped)							1935	Reg.	Dom.	100	-	-	1957
Lyont Creek R. S.	Creek	(Dipped)							1946	Reg.	Com.	100	-	-	1957
Indian Henry Patrol Cabin	Lake George	(Dipped)							1948	Reg.	Com.	100	-	-	1957
Lake George R.S.	Creek	(Dipped)							1931	Reg.	Dom.	100	-	-	1957
Lake Jesse Patrol Cabin	Rampart Cr. & Spr.	B-58-1		1959	B-2,P-13		B-288	1/25/46		0.2 c.f.	Dom.,Rec.,	50	-	-	1958
Longmire				1961							Irr.,Stock				
	Cold Creek	B-58-		1962	B-2,P-13		B-288	1/25/46		0.55 c.f.	Dom.,Rec.,	98	-	-	1958
Longmire				1966							Irr.,Stock				
	Creek	(Dipped)							1925	Reg.	Dom.	100	-	-	1957
Nisqually Patrol Cabin	Creek								(Prop.)		Dom.,Rec.,	-	827	-	1962
Nisqually Entrance				1960							& Ind.				
	Creek	B-46-							(Prop.)		Dom.,Rec.,	-	827	-	1958
Kautz Lake	Kautz Lake	(Dipped)							1946	Reg.	Dom.	-	-	-	-
Kautz Lake Ranger Sta.	Kautz Lake								(Prop.)		Fish	-	827	-	1962
Kautz Lake Fish Hatchery											Culture				
	Creek	(Dipped)							1930	Reg.	Dom.	100	-	-	1957
Mystic Lake Patrol Cabin	Paradise River								1933	0.02 c.f.	Stock	-	-	-	-
Narada C C C Camp	Nisqually Creek	B-46-							1938		Dom.	-	827	-	1957
Nisqually Creek Patrol Cabin															
Mount Rainier (continued)															
Nisqually Entrance	Creek	B-46		1967	9969	13/38/43		1900		0.00 c.f.	Dom.,Rec.,&	-	$ 180	$ -	1956
											Stock,Irr.				
Nisqually Entrance *	Creek	B-46		1961	9940	13/38/43		2/28/44		0.09 c.f.	Dom.,Rec.,	-	170	-	1956
											Stock,Irr.				
Nisqually Near Greater	Nisqually River								1934		Ind.	-	827	-	1962
North Puyallup Bridge	Puyallup Creek								(Prop.)		Com.,Rec.	-	827	-	1965
Ohanapecosh (Grisly)	Spring #1				9789	3710		2/15/43		0.1 c.f.	Com.	-	170	-	1956
Ohanapecosh	Laughing Water Cr.	B-3-2,B-33-1		1963	5788	3709		2/15/43		0.40 c.f.	Com.,Rec.	-	170	-	1956
Ohanapecosh	& Minera. Springs				5790	3711		2/15/43		0.08 c.f.	Rec.,Rec.	-	170	-	1957
Olson Patrol Cabin	Creek	(Dipped)							1920	Reg.	Com.	100	-	-	1957
Paradise-Narada Falls)	Saith Creek				9971	13/38[illegible] 1/210		10/1/06		0.03 c.f.	Com.,Rec.	-	-	-	-
Paradise-Narada Falls)	Saith Creek			1960	9971	13/38.5		2/28/44		1.50 c.f.	Com.,Rec.	100	170	-	1957
Paradise Hydro-Electric)	Paradise River				5972	13/38.6 1/21		12/31/11		16.5 c.f.	Power	-	-	-	-
Paradise Hydro-Electric)	Paradise River				5972	13/38.6 1/209		10/1/06		7.5 c.f.	Power	-	-	-	-
Paradise Hydro-Electric)	Paradise River				5972	13/38.6 5-288		2/28/44		9.60 c.f.	Power	-	-	-	-
Reflection Lake	Tatoosh Trib.								(Prop.)		Com.,Rec.	-	827	-	1962
St. Andrews	St. Andrews Creek								(Prop.)		Dom.,Rec.,	-	827	-	1962
											& Ind.				
St. Andrews G C C	St. Andrews Creek								1933	0.02 c.f.	Com.	100	-	-	1957
St.Andrews Patrol Cabin	St. Andrews Creek	(Dipped)							1946		Dom.	100	-	-	1957
Skyliner Peak Fire Lookout	Ramled								1933		Com.	-	-	-	-
Summit Peak	Creek								(Prop.)		Dom.	-	827	-	1962
Summit Peak Patrol Cabin	Lake	(Dipped)		1959					1946		Dom.	100	-	-	1957
Tahoma Creek G C C	Tahoma Creek Trib.								1933	0.02 c.f.	Com.	100	-	-	1957
Tahoma Vista	Fish Creek				5970	13/38.4		2/28/44		0.05 c.f.	Com.,Rec.	-	170	-	1957
Three Lakes Patrol Cabin	Lake	(Dipped)							1934		Dom.	100	-	-	1957
Tolmie Path Fire Lookout	Ramled			1960					1935		Com.	-	-	-	-
Tipsoo Lake	Springs				5885	3714		7/6/43		0.05 c.f.	Dom.,Rec.	100	170	-	1955
White River C C C	White River Trib.								1934	0.02 c.f.	Dom.	100	-	-	1957
White River G. G.	Absaray Lake Outlet				5875	3716		7/6/43		0.03 c.f.	Dom.,Rec.	-	170	-	1955
White River Entrance	Klahitat Creek			1964	5876	3717		7/6/43		0.32 c.f.	Dom.,Rec.	-	170	-	1955
Yakima Park	Ladi Spring - not used				5884	3713		7/6/43		1.00 c.f.	Dom.,Rec.	-	170	-	1960
Yakima Park	Frozen Lake Storage			1959	5867	134		7/6/43		64.0AF	Storage for	-	170	-	1955
											Im and Reservoir				
Yakima Park	Frozen Lake Div.				5866	3715		7/6/43		0.25 c.f.	Dom.,Rec.	-	170	-	1955
Proposed Developments															
Eagle Peak Copper Min.Co.	Paradise							6/23/14		250.0 c.f.	Power	200	-	10,000	1960
Mazama Mines	White River								1916		Power	100	-	1,500	1958
											Total	$ 2,400	$ 10,730	$ 5,800	

.Stevens Canyon Entrance	Fall Creek	B-62-1	1957	0.3 c.f.	Dom.,Rec.,Irr.
Box Canyon Development	Nichols Creek		1957	0.3 c.f.	Rec., Irr.
Canyon Picnic Area	Springs		1964	0.15 c.f.	Rec., Irr
Stevens Creek Campground	Stevens Creek		1958	0.4 c.f.	Dom., Rec.
Shaw Creek Campground	Shaw Creek		1965	0.4 c.f.	Dom., Rec.
Cayuse Pass Ski Area	Chinook Creek		1959	0.15 c.f.	Dom., Rec.
Tahoma Creek Campground	Tahoma Creek Tributary		1958	0.25 c.f.	Dom., Rec.
New Hdqtrs Site (Ashford)	Creek or wells		1963	1.16 c.f.	Dom.,Rec.,Irr.
New White River Hdqtrs Site	Springs or well		1963	.25 c.f.	Dom.,Rec.,Irr.
New Carbon River Hdqtrs Site	Spring or well		1963	.05 c.f.	Dom.,Rec.,Irr.
Sunshine Point Campground (incl. Nisqually Ent.)	Creek		1961	.25 c.f.	Dom.,Rec.,Irr.
Nisqually Entrance *					

* Increase quantity due to proposed larger development at Sunshine Point.

Other Supporting Information

01-31-1968: purchase order: order number 973-95: statutory fee for appropriation of water rights at mora: multiple surface water p

FORM 10-131
(APRIL 1964)

PURCHASE ORDER

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Western Regional Office
450 Golden Gate Avenue, Box 36063
San Francisco, Ca 94102
(ISSUING OFFICE)

REQUISITION NO.:

THIS NUMBER MUST APPEAR ON ALL PACKAGES AND PAPERS RELATING TO THIS ORDER

DATE OF ORDER: January 31, 1968

ORDER NUMBER: 973-95

ACCOUNTING CLASSIFICATION

14X1035 (973-010506) $35.00

VENDOR'S NAME AND ADDRESS

Department of Water Resources
335 General Administration Bldg
Olympia, Washington 98501

SHIP TO: (Consignee and Address;)

National Park Service
Planning and Service Center LWSSC
450 Golden Gate Avenue, Box 36025
San Francisco, Ca 94102
14th Floor - Inside Delivery

CONTRACT NO.: O.M.

DISCOUNT TERMS:

SHIP VIA:

DELIVERY: F.O.B. SHIPPING POINT:

TIME FOR DELIVERY:

GOVT. B/L NO.:

ITEM NO.	ARTICLES OR SERVICES	QUANTITY ORDERED	UNIT	UNIT PRICE	AMOUNT
	Statutory Fee for appropriation of water rights at Mount Rainier National Park, Surface Water Permit Nos.:				
	3709 - Laughingwater Creek				$ 5.00
	3713 - Lodi Springs Pipeline				5.00
	3714 - Tipsoo Lake Pipeline				5.00
	3716 - White River Campground Pipeline				5.00
	3717 - White River Entrance Pipeline				5.00
	3813 - Sunshine Point Pipelines				5.00
	3814 - Tahoma Vista Pipeline				5.00
	APPROVED BY:				
	William E. Fields Supervisory Hydraulic Engineer, LWSSC				
				TOTAL	$35.00

NOTE TO VENDOR: SUBMIT INVOICES IN ACCORDANCE WITH INSTRUCTIONS ON REVERSE SIDE HEREOF AND FORWARD TO ADDRESS SHOWN FOR ISSUING OFFICE UNLESS OTHER ADDRESS SHOWN BELOW:

SIGNATURE: Ted Chong

NAME AND TITLE

TED CHONG, PROCUREMENT AGENT
PURCHASING OFFICER

1. ORIGINAL ORDER

CONDITIONS

COVENANT AGAINST CONTINGENT FEES.—The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the Contractor for the purpose of securing business. For breach or violation of this warranty the Government shall have the right to annul this contract without liability or in its discretion to deduct from the contract price or consideration the full amount of such commission, percentage, brokerage, or contingent fee.

OFFICIALS NOT TO BENEFIT.—No member of or delegate to Congress, or resident commissioner, shall be admitted any share or part of this contract, or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

CONVICT LABOR.—In connection with the performance of work under this contract, the Contractor agrees not to employ any person undergoing sentence of imprisonment at hard labor.

BUY-AMERICAN ACT.—The Contractor agrees that there will be delivered under this contract only such unmanufactured articles, materials and supplies, hereinafter referred to in this clause as "supplies", as have been mined or produced in the United States and only such manufactured supplies as have been manufactured in the United States substantially all from supplies mined, produced, or manufactured in the United States. Provided, however, that the exemptions and exceptions from the foregoing, established by or under the "Buy-American Act" (41 U.S. Code 10 a-d), shall apply.

DISCOUNTS.—In connection with any discount offered, time will be computed from date of delivery of the supplies to carrier when delivery and acceptance are at point of origin, or from date of delivery at destination or port of embarkation when delivery and acceptance are at either of those points, or from date correct invoice or voucher is received in the office specified by the Government if the latter date is later than the date of delivery.

INSPECTION.—Except as may be otherwise provided in this contract, final inspection and acceptance will be made at destination. Supplies rejected at destination for nonconformance with specifications shall be removed by the Contractor at his expense promptly after notice of rejection.

WORK HOURS ACT OF 1962.—"This contract, to the extent that it is of a character specified in the Work Hours Act of 1962 (Public Law 87–581, 76 Stat. 357–360) and is not covered by the Walsh-Healey Public Contracts Act (41 U.S.C. 35–45), is subject to the following provisions and to all other provisions and exceptions of said Work Hours Act of 1962.

"(a) No contractor or subcontractor contracting for any part of the contract work shall require or permit any laborer or mechanic to be employed on such work in excess of eight hours in any calendar day or in excess of forty hours in any workweek unless such laborer or mechanic received compensation at a rate not less than one and one-half times his basic rate of pay for all hours worked in excess of eight hours in any calendar day or in excess of forty hours in such workweek, whichever is the greater number of overtime hours.

"(b) In the event of any violation of the provisions of paragraph (a), the contractor and any subcontractor responsible for such violation shall be liable to any affected employee for his unpaid wages. In addition, such contractor or subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed, with respect to each individual laborer or mechanic employed in violation of the provisions of paragraph (a), in the sum of $10 for each calendar day on which such employee was required or permitted to work in excess of eight hours or in excess of forty hours in a workweek without payment of the required overtime wages.

"(c) The Contracting Officer may withhold, or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor, the full amount of wages required by this contract and such sums as may administratively be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for liquidated damages as provided in paragraph (b)."

FEDERAL, STATE AND LOCAL TAXES.—Except as may be otherwise provided in this contract, the contract price includes all applicable Federal taxes in effect on the date of this contract but does not include any State or local sales, use, or other tax directly applicable to the completed supplies or services covered by this contract nor any other tax from which the Contractor or this transaction is exempt. Upon request of the Contractor, the Government shall furnish a tax exemption certificate or similar evidence of exemption with respect to any such tax not included in the contract price pursuant to this clause. For the purpose of this clause, the term "date of this contract" means the date of the contractor's quotation or, if no quotation, the date of this purchase order.

VENDOR'S BILLING INSTRUCTIONS

Vendor's invoices shall be submitted in the ORIGINAL only and shall contain the following information: Contract or proposal number (if any), order number, and item numbers, description of supplies or services, sizes, quantities, unit prices and extended totals. Bill of Lading number and weight of shipment will be shown for shipments made on Government bills of lading. If prepaid parcel post charges are billed, the gross weight and shipping point must be shown.

01-31-1968: purchase order: order # 973-97: statutory fee for appropriation of water rights at mora: surface water permit # 3709

FORM 10-131
(APRIL 1964)

PURCHASE ORDER

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Western Regional Office
450 Golden Gate Avenue, Box 36063
San Francisco, Ca 94102
(ISSUING OFFICE)

REQUISITION NO. [redacted]

THIS NUMBER MUST APPEAR ON ALL PACKAGES AND PAPERS RELATING TO THIS ORDER

DATE OF ORDER: January 31, 1968

ORDER NUMBER: 973-97

ACCOUNTING CLASSIFICATION: 14X1035 (973-010506)

VENDOR'S NAME AND ADDRESS:
Auditor
County of Lewis
Chehalis, Washington 98532

SHIP TO: (Consignee and Address;)
National Park Service
Planning and Service Center LWSSC
450 Golden Gate Avenue, Box 36025
San Francisco, Ca 94102
14th Floor - Inside Delivery

CONTRACT NO.: O.M.

DISCOUNT TERMS:

SHIP VIA:

DELIVERY: F.O.B.
SHIPPING POINT:

TIME FOR DELIVERY:

GOVT. B/L NO.:

ITEM NO.	ARTICLES OR SERVICES	QUANTITY ORDERED	UNIT	UNIT PRICE	AMOUNT
	Statutory Fee for appropriation of water rights at Mount Rainier National Park, Surface Water Permit No.:				
	3709 - Laughingwater Creek				$ 2.00
				TOTAL	$ 2.00

NOTE TO VENDOR: SUBMIT INVOICES IN ACCORDANCE WITH INSTRUCTIONS ON REVERSE SIDE HEREOF AND FORWARD TO ADDRESS SHOWN FOR ISSUING OFFICE UNLESS OTHER ADDRESS SHOWN BELOW:

SIGNATURE: Ted Chong

NAME AND TITLE

TED CHONG, PROCUREMENT AGENT
PURCHASING OFFICER

1. ORIGINAL ORDER

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"(b) In the event of any violation of the provisions of paragraph (a), the contractor and any subcontractor responsible for such violation shall be liable to any affected employee for his unpaid wages. In addition, such contractor or subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed, with respect to each individual laborer or mechanic employed in violation of the provisions of paragraph (a), in the sum of $10 for each calendar day on which such employee was required or permitted to work in excess of eight hours or in excess of forty hours in a workweek without payment of the required overtime wages.

"(c) The Contracting Officer may withhold, or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor, the full amount of wages required by this contract and such sums as may administratively be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for liquidated damages as provided in paragraph (b)."

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VENDOR'S BILLING INSTRUCTIONS

Vendor's invoices shall be submitted in the ORIGINAL only and shall contain the following information: Contract or proposal number (if any), order number, and item numbers, description of supplies or services, sizes, quantities, unit prices and extended totals. Bill of Lading number and weight of shipment will be shown for shipments made on Government bills of lading. If prepaid parcel post charges are billed, the gross weight and shipping point must be shown.

02-29-1968: letter to san francisco planning and service center from department of water resources regarding warrant which cover



DANIEL J. EVANS, GOVERNOR

H. MAURICE AHLQUIST, DIRECTOR

DEPARTMENT OF WATER RESOURCES

335 GENERAL ADMINISTRATION BUILDING
OLYMPIA 98501

PHONE 753-6186
AREA CODE 206

February 29, 1968

San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36025
San Francisco, California 94102

Re: Surface Water Permit No. 3709 - Laughingwater Creek, 3716 - White River Campground, 3717 - White River Entrance, 3813 - Sunshine Point, 3814 - Tahoma Vista, 3714 - Tipsoo Lake Pipeline, 3713 - Lodi Springs

Gentlemen:

Receipt is acknowledged of your warrant in the amount of $35.00 which covers the certificate recording fees in this office. However, before we can issue the certificate of water right, we will need the fees which cover the recording of the final certificate of water right in the Lewis County and Pierce County Auditor's Office. This is in accordance with our letter dated January 25, 1968.

Please forward your warrants directly to this office.

Very truly yours,

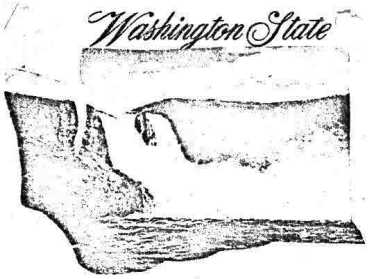
DEPARTMENT OF WATER RESOURCES

William R. Smith

WILLIAM R. SMITH, Geologist
Division of Water Management

WRS:jf

01-25-1968: letter to san francisco planning and service center from department of water resources regarding the proof of appropri



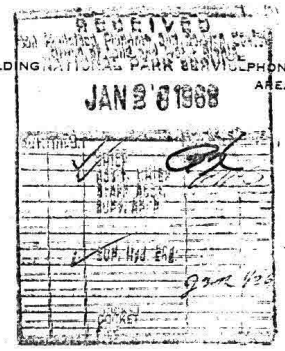
DANIEL J. EVANS, GOVERNOR

H. MAURICE AHLQUIST, DIRECTOR

DEPARTMENT OF WATER RESOURCES

335 GENERAL ADMINISTRATION BUILDING
OLYMPIA 98501

TELEPHONE 753-6186
AREA CODE 206



January 25, 1968

San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36025
San Francisco, California 94102

FILE
L-54
MORA
ORIG
TO FINANCE

Surface Water Permit No. 3709 - Laughingwater Creek

Gentlemen:

Receipt is acknowledged of the proof of appropriation form in connection with processing the above referenced permit. All that remains now is to collect the statutory filing and recording fees from your office. We would therefore appreciate it if you would forward your warrants to this office. Please make one warrant for $5 made payable to the Department of Water Resources, and one warrant for $2 made payable to the Lewis County Auditor.

Very truly yours,

DEPARTMENT OF WATER RESOURCES

William R. Smith

WILLIAM R. SMITH, Geologist
Division of Water Management

WRS:jf

01-19-1968: letter to department of conservation from mora regarding the proof of appropriation of water (form sf 7355) for surface

Mount Rainier National Park
Longmire, Washington 98397

L54 January 19, 1968

Mr. M. W. Pollack, Supervisor
Division of Water Resources
Department of Conservation
335 General Administration Building
Olympia, Washington 98501

Dear Mr. Pollack:

Enclosed is a Proof of Appropriation of Water (Form SF 7355) for Surface Water Permit No. 3709

If any costs are associated with the filing of these forms, please bill the following office:

San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36025
San Francisco, California 94102

Sincerely yours,

[Signed] John A Townsley

John A. Townsley
Superintendent

Enclosure

cc:
Regional Director, WR
Chief, LWSSC - Attn.:
Supv. Hyd. Engr.

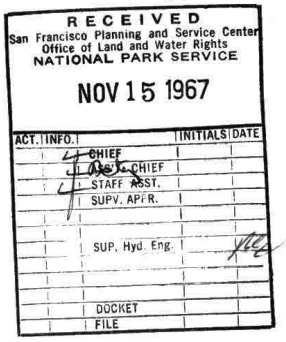
11-13-1967: letter to department of conservation from mora regarding the notice of completion of construction (form sf 378) for su

L+C

MORA
L54
Docket #1

Mount Rainier National Park
Longmire, Washington 98397

November 13, 1967



Mr. M. W. Pollack, Supervisor
Division of Water Resources
Department of Conservation
335 General Administration Building
Olympia, Washington 98501

Dear Mr. Pollack:

Enclosed is a Notice of Completion of Construction (Form SF 378) for Surface Water Permit No. 3709.

If any costs are associated with the filing of these forms, please bill the following office:

San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36025
San Francisco, California 94102

Sincerely yours,

(SGD) JOHN A. TOWNSLEY

John A. Townsley
Superintendent

Enclosure

cc:
Regional Director, WR
Chief, LWSSC - Attn.:
Supv. Hyd. Engr.

04-21-1967: letter to nps from state of washington regarding the granted extension of time in which to complete construction under

DANIEL J. EVANS
GOVERNOR

STATE OF WASHINGTON
Department of Conservation
H. MAURICE AHLQUIST, DIRECTOR
335 GENERAL ADMINISTRATION BUILDING
OLYMPIA

DIVISIONS:
RECLAMATION
FLOOD CONTROL
WATER RESOURCES
MINES AND GEOLOGY
COLUMBIA BASIN PROJECT
POWER RESOURCES
WEATHER MODIFICATION
SOIL & WATER CONSERVATION
COMMITTEE

MORA
WRR 1

April 21, 1967

United States Department of the Interior
National Park Service
San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

ATTENTION: Mr. Manuel Morris
Supervisory Hydraulic Engineer

Gentlemen

Re: Sur. Water Permit No. 3709 and 3713

In compliance with your request of April 21, 1967, you are hereby granted an extension of time in which to complete construction under the above numbered permit from October 1, 1966 to October 1, 1967.

Very truly yours,

DEPARTMENT OF CONSERVATION

H. W. POLLOCK, Supervisor
Division of Water Resources

HWP: vw

04-21-1967: state of washington department of conservation cash receipt: # 44980

S. F. No. 1912—4-66—10M. 5254.

STATE OF WASHINGTON

DEPARTMENT OF CONSERVATION

Cash Receipt

No. 44980

Olympia, Wash., 21 April, 19 67

RECEIVED FROM U.S. Nat. Park Service, USDI, San Francisco

Fiscal yr 68 DOLLARS 5.00

CREDIT: General ✓	Recl. Rev.	Weather Mod.	S. G.	Cash
WATER CODE FEES ✓		MINES & GEO. PUBLICATIONS		Check ✓
W. R. PUBLICATIONS		OIL & GAS PERMITS		M. O.

Ext Fire

SW Permit # 3709

DEPARTMENT OF CONSERVATION

By L. Curtis

Fiscal Officer.

WRP #1

03-27-1967: letter to nps from state of washington regarding the duplicate billings of the referenced permits: multiple surface water

STATE OF WASHINGTON
Department of Conservation
H. MAURICE AHLQUIST, DIRECTOR
335 GENERAL ADMINISTRATION BUILDING
OLYMPIA 98501

DANIEL J. EVANS
GOVERNOR

DIVISIONS:
RECLAMATION
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WATER RESOURCES
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COLUMBIA BASIN PROJECT
POWER RESOURCES
WEATHER MODIFICATION
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COMMITTEE

March 27, 1967

United States Department of the Interior
National Park Service
San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

ATTENTION: Mr. Manuel Morris
Supervisory Hydraulic Engineer

Gentlemen:

Re: Surface Water Permits:
3709, 3713, 3714, 3716, 3717, and 3813

In accordance with our telephone conversation of this date enclosed please find a duplicate billing of the above referenced permits.

Very truly yours,

DEPARTMENT OF CONSERVATION

EUGENE F. WALLACE, Chief
Water Management Section
Division of Water Resources

EFW:vw

Enclosure

Bill to Finance 3/28/67

Copies to WASO & MORA 5/9/67

03-01-1967: letter to nps from state of washington regarding the extension fees: multiple surface water permit #

STATE OF WASHINGTON
Department of Conservation
H. MAURICE AHLQUIST, DIRECTOR
335 GENERAL ADMINISTRATION BUILDING
OLYMPIA

DANIEL J. EVANS
GOVERNOR

DIVISIONS:
RECLAMATION
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WATER RESOURCES
MINES AND GEOLOGY
COLUMBIA BASIN PROJECT
POWER RESOURCES
WEATHER MODIFICATION
SOIL & WATER CONSERVATION
COMMITTEE

March 1, 1967

X WEAVER

United States Department of the Interior
National Park Service
San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

ATTENTION: Mr. Manuel Morris
Supervisory Hydraulic Engineer

Gentlemen:

Re: Your No. L54 SSCLW
Surface Water Permits No.'s 3709, 3713, 3714, 3716, 3717 and 3813

You will find enclosed a copy of our letter dated January 16, 1967.

To date we have not received the necessary $30.00 to cover the extension fees. It would be greatly appreciated if you would check this matter and advise when we may expect payment. Thank you.

Very truly yours,

DEPARTMENT OF CONSERVATION

Eugene F. Wallace

EUGENE F. WALLACE, Chief
Water Management Section
Division of Water Resources

EFW:vw

Enclosure

01-16-1967: letter to nps from state of washington regarding the purchase order to cover the statutory fees for filing extensions unc

DANIEL J. EVANS
GOVERNOR

STATE OF WASHINGTON
Department of Conservation
H. MAURICE AHLQUIST, DIRECTOR
335 GENERAL ADMINISTRATION BUILDING
OLYMPIA

DIVISIONS:
RECLAMATION
FLOOD CONTROL
WATER RESOURCES
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COLUMBIA BASIN PROJECT
POWER RESOURCES
WEATHER MODIFICATION
SOIL & WATER CONSERVATION
COMMITTEE

January 16, 1967

United States Department of the Interior
National Park Service
San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

ATTENTION: Mr. Manuel Morris
Supervisory Hydraulic Engineer

Gentlemen:

Re: Your No.L54 SSCLW
Surface Water Permits No.'s 3709, 3713, 3714, 3716, 3717 and 3813.

Receipt is acknowledged of your letter dated January 10, 1967 along with a purchase order in the amount of $30 to cover the statutory fees for filing extensions under the above-numbered permits. In accordance with your request you will find enclosed our invoice for these charges.

It is pointed out, however, that we not be able to grant five-year extensions of time under each of the permits for the total amount of $30. In accordance with statutory provisions which became effective in August 1965, only a one-year extension may be granted for the minimum statutory extension fee of $5. Therefore, upon receipt of the $30 subject permits will all be extended one year.

Very truly yours,

DEPARTMENT OF CONSERVATION

EUGENE F. WALLACE, Chief
Water Management Section
Division of Water Resources

EFW:aj

Enclosures

01-10-1967: letter to department of conservation from san francisco planning and service center regarding the request for five year

P.S. to Superintendent: We have elected to request time extensions rather than wait for your reply to my memo of Nov. 21, 1967, as these permits were approaching a deadline.

SAN FRANCISCO PLANNING AND SERVICE CENTER
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102
January 10, 1967

L54 SSCLW
MORA - WR # 1

Mr. H. W. Pollack, Supervisor
Division of Water Resources
Department of Conservation
335 General Administration Building
Olympia, Washington

Dear Mr. Pollack:

This is our request for five-year extensions of time, covering appropriations of water under Permits [redacted], 3714, 3713, 3716, 3717 and 3813 at Mount Rainier National Park. The extensions will enable the completion of construction under each of the permits. All of the water systems are in operation, but none have been completed to permit use of all authorized water. Due to the rapidly increasing public use of the Mount Rainier National Park, it would be unrealistic to reduce the permits to the water now being used, based on projects which have not yet reached their full design.

We are enclosing our purchase order for $30.00 to cover the statutory fees for filing such requests. Payment will be made upon receipt of your invoices.

Sincerely,

(Sgd) MANUEL MORRIS

Manuel Morris
Supervisory Hydraulic Engineer

Enclosure

bc:
Supt., MORA w/c of incoming
Chief, Branch of Water Resources, WASO w/c of incoming
Regional Director, WR, w/o enc.

PS. to docket holders: Please file in dockets as follows: Permit No./Docket No. 3709/1; 3713/3; 3714/5; 3716/8; 3717/9; 3813/12

12-29-1966: letter to nps from state of washington regarding the permit subject to cancellation unless you obtain extensions of tim

DANIEL J. EVANS
GOVERNOR

STATE OF WASHINGTON
Department of Conservation
H. MAURICE AHLQUIST, DIRECTOR
335 GENERAL ADMINISTRATION BUILDING
OLYMPIA

DIVISIONS:
RECLAMATION
FLOOD CONTROL
WATER RESOURCES
MINES AND GEOLOGY
COLUMBIA BASIN PROJECT
POWER RESOURCES
WEATHER MODIFICATION
SOIL & WATER CONSERVATION
COMMITTEE

December 29, 1966

RECEIVED
San Francisco Planning and Service Center
Office of Land and Water Rights
NATIONAL PARK SERVICE
JAN 3 1967
ACT. INFO. INITIALS DATE

U. S. National Park Service
San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue Box 36063
San Francisco, California 94102

ATTENTION: Manuel Morris
Supervisory Hydraulic Engineer

Dear Sir: Re: Surface Water Permits 3709 and 3713

We have received no further response to our letter of October 21 and November 9, 1966 and as the permits now stand they are subject to cancellation unless you obtain extensions of time for each. Therefore, if you are still interested in perfecting the permits to certificates of water right please take those measures as outlined in our letter of October 21, 1966.

If we do not hear from you within thirty (30) days we will assume you are no longer interested in these permits and they will be automatically cancelled.

Very truly yours,

DEPARTMENT OF CONSERVATION
Robert H. Russell
ROBERT H. RUSSELL, Chief
Planning and Development Section
Division of Water Resources

RHR:aj

11-09-1966: letter to nps from state of washington regarding permit # 3713 pertains to appropriation of water from lodi spring, tribu

DANIEL J. EVANS
GOVERNOR

Department of Conservation
H. MAURICE AHLQUIST, DIRECTOR
335 GENERAL ADMINISTRATION BUILDING
OLYMPIA

RECLAMATION
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COLUMBIA BASIN PROJECT
POWER RESOURCES
WEATHER MODIFICATION
SOIL & WATER CONSERVATION
COMMITTEE

November 9, 1966

RECEIVED
San Francisco Planning and Service Center
Office of Land and Water Rights
NATIONAL PARK SERVICE
NOV 10 1966
ACT. | INFO. | INITIALS | DATE
CHIEF
ASST. CHIEF
SUPV. APPR.
SUPV. RVC. ENG.

U. S. National Park Service
San Francisco Planning and Service Center
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

Gentlemen:

Re: Surface Water Permits 3709 and 3713

YAKA WR 3

In response to your letter of November 2, please be advised that Permit No. 3713 pertains to appropriation of water from Lodi Spring, tributary of West Fork of White River, Pierce County, Washington.

Under this permit, water is diverted to Frozen Lake to supplement the original Yakima Park supply.

YAKA WR 1

Permit No. 3709 furnishes water to an installation in Mount Rainier National Park, Lewis County, Washington. The appropriation is from Laughingwater Creek and two unnamed tributaries of Ohanapecosh River. The permit serves park facilities at Ohanapecosh Hot Springs.

It is hoped that this information is adequate for you to identify the permits in question.

Very truly yours,

DEPARTMENT OF CONSERVATION

Robert H Russell

ROBERT H. RUSSELL, Chief
Planning and Development Section
Division of Water Resources

RHR:bj

11-02-1966: letter to department of conservation from san francisco planning and service center regarding the reference to surface

Morris

SAN FRANCISCO PLANNING AND SERVICE CENTER
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102
November 2, 1966

L54 LWSSC
MORA - WR#1

Mr. H. W. Pollock, Supervisor
Division of Water Resources
Department of Conservation
335 General Administration Building
Olympia, Washington

Dear Sir:

We are in receipt of your letters of October 21, 1966 which have reference to Surface Water Permit No. 3709 and No. 3713. Your letter advises that in checking over our permits you find we have not submitted Notices of Completion of Construction. We regret that we are unable to identify these permits without additional information, since our files are maintained by the name of the national park, then by site within the park, and finally by the source.

It would be helpful if you would furnish additional information, such as park, source, or even the county in which this permit applied.

Sincerely,

(Sgd) MANUEL MORRIS

Manuel Morris
Supervisory Hydraulic Engineer

MMorris/bb 11-2-66

10-21-1966: letter to nps from state of washington regarding the notice of completion of construction: surface water permit no. 370

rec'd 10-24-66

DANIEL J. EVANS
GOVERNOR

STATE OF WASHINGTON
Department of Conservation
H. MAURICE AHLQUIST, DIRECTOR
335 GENERAL ADMINISTRATION BUILDING
OLYMPIA

DIVISIONS:
RECLAMATION
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WATER RESOURCES
MINES AND GEOLOGY
COLUMBIA BASIN PROJECT
POWER RESOURCES
WEATHER MODIFICATION
SOIL & WATER CONSERVATION
COMMITTEE

October 21, 1966

U. S. Department of Interior
National Park Service
Region Four, 180 New Montgomery Street
San Francisco 5, California

Gentlemen:

Re: Surface Water Permit No. 3709

In checking over your permit we find that you have not submitted Notice of Completion of Construction.

If the work has been completed on this project, kindly fill out the enclosed form. If it has not, you should request an extension of time for which there is a statutory fee of $ 5.00. Please state why such extension is necessary and make check payable to the Department of Conservation.

If we do not hear from you within sixty (60) days from date, we shall assume that you are no longer interested in retaining the permit and shall cancel it without further notice.

Very truly yours,

DEPARTMENT OF CONSERVATION

H. W. POLLOCK, Supervisor
Division of Water Resources

HWP: es

Enc.

CERTIFIED MAIL

S.F.No.8507



March 12, 1963

L54

Memorandum

To: Regional Director, Western Region

From: Superintendent, Mount Rainier

Subject: Revision of Drawing NP-RAI-6978 for Water Right Application, Docket No. 1, Laughingwater Pipe Line, Ohanapecosh

This is to inquire whether NP-RAI-6978 has been revised by your office to show the locations of the new Ohanapecosh water diversions and pipe lines. We should like to have five prints of the revised drawing for our files and to use in filing for a Water Right Certificate.

An exchange of memorandums last July and August between your office and the Chief, Branch of Water Resources, WASO, indicated that your office may have the original tracing of NP-RAI-6978, and would make the necessary revisions on the tracing. We have had no further word, though, about what has been done.

Following is a check list of the revisions which we believe will have to be made:

1. Move Diversion No. 1 to the point where the diversion dam, shown on drawing NP-RAI-3345A, Ohanapecosh Water System, was built in 1961.

2. Eliminate Diversions 2A and 2B, downstream from Diversion 1 and now abandoned.

3. Add a new numbered diversion point to cover an existing water source about 100 feet up a small stream from Station 234+44.00 on the new 4-inch water supply line from Laughingwater Creek. This diversion is shown on Sheet 4 of drawing NP-RAI-3345A.

4. Presently, NP-RAI-6978 shows distribution piping in the older part of the Ohanapecosh Campground, piping from Diversions 3 and 4, and a 3-inch supply line to the checking station. All of this piping has been abandoned and replaced by the new distribution system for the campground, shown on 3345A, and the utility area, shown on drawing NP-RAI-3427. These new distribution systems, or at least the principal branches of them, should be shown in revising NP-RAI-6978.

Although use of Diversions 3 and 4 has been discontinued and probably won't be resumed, they might remain on the map as emergency sources. Pending final decision on use of the Chanapecosh concessioner area, the two water diversions there, not presently being used, should also remain on the map.

[SGD] JOHN A RUTTER

John A. Rutter
Superintendent

cc:
Director
Chief, WODC

Mt. Rainier

WRC 8/17

August 15, 1962

L54-RL

Memorandum

To: Regional Director, Western Region

From: Chief, Branch of Water Resources

Subject: Ohanapecosh Water System and Rights, Docket 1, Mount Rainier National Park

The data in Mr. Neilson's memorandum of August 3 have clarified matters materially. It seems probable that a revision of Drawing NP-RA1-6978 can be made with sufficient accuracy without further field surveys.

Our card index shows that the tracing of 6978 was one of five which were sent to you with my memorandum of January 8, 1958, together with a list of the 19 dockets for the Park. The tracings were acknowledged in the memorandum of February 10, 1958, from Mr. Whitworth.

That drawing appears to be on the same coordinate grid which is now in use. The three following coordinates for the S¼ cor., Sec. 33 (or N¼ Sec. 4), are close enough for a water rights map, and for water claims in any proposed application and proof.

	NORTH	EAST
Mr. Neilson's memo of August 3, 1962	11,212.00	10,351.00
My computations from notes in Book Y-8 from M-3 (C-3)	11,233.45	10,315.60
By traverse of concession lease Area (used)	11,209.87	10,353.35

The tracing, or a print from dockets 1, 2, or 3, with my signed statement of January 16, 1943, should be used. I can detect no shrinkage in the print in our docket 1, but the overlay which Mr. Neilson sent with his memorandum of July 11 appears to have been made from a print, or reproduction which has shrunk.

The point of Diversion No. 1, given in Mr. Neilson's memorandum of August 3 plots about 120 feet up stream (southwest) of point designated on the drawing, and it had not been constructed at the time of the filing. The chlorinator appears to have been installed at the approximate site of a pressure regulator near diversion four

✓

on the drawing, and six inch pipe appears to have been layed along the south side of the road from there for about 850 feet to the junction of the six inch line to the campground, and on to the checking station shown on the drawing. Note that a three inch line is shown on the opposite side of the road, and the line from diversion 1 to the chlorinator is shown as four inch on both the drawing and overlay. There have evidently been some pipeline enlargements and relocation along the road, but probably not enough relocation between diversion 1 and the chlorinator to show at 300 feet to the inch.

The pipeline extensions to, and addition of the developed areas west of the River, should plot satisfactorily from Drawing 13454, if the latter is to the same grid system. I have not attempted to check this point again, or whether the azimuths are the same, but the Hydraulic Engineer, or a draftsman, should be able to equate them with those on 6978.

The water right permit should be amended before proof is made for a license. I do not consider the change in point of 120 feet (from N 37-13E 3805 ft. to N 37-52E 3658.94 ft.), to be as important as the possible change in pipe capacity, areas of use, and total water demand of the future, but it should be corrected since the other changes must be made. It may also be that proof can be made to obtain a license for the 0.4 c.f.s. for the enlarged area, and that a supplemental application should be filed for water in excess of that quantity. However, no proof should be made until 0.4 c.f.s. diversion capacity is provided, if it is now less. If some of the other designated sources, in dockets 1, 2 and 3, are no longer used, the rights should also be amended to change all diversions under the original priorities to the present points of diversion before introducing claims to more water under a new, junior priority.

Reference has been made to our computations of 1942, which are still cluttering our files, and to Mr. Neilson's uncertainty as to the location of tracing 6978. It is our plan to eliminate many of the Washington Office records which we no longer need with delegated authority, but to be sure first that one set of permanent records is maintained at the areas for reference. You and the Superintendents should consider what records have been sent to a records center, and whether they are readily identifiable and available, in order that our shipments can have quick disposal to prevent needless duplication.

A. van V. Dunn
Chief, Branch of Water Resources

Copy to: Superintendent, Mount Rainier
Chief, WORO (2)
P. Miller
Mr. Dunn
AvanVDunn:ljc

180 New Montgomery
San Francisco 5, California

L54

August 3, 1962

Memorandum

To: Director

From: Assistant Regional Director, Western Region

Subject: Ohanapecosh Water System and Rights, Docket 1, Mount Rainier National Park

On July 11, 1962 we transmitted to you an overlay to application map No. NP-RAI-6978 showing a calculated bearing and distance to the new Laughingwater Creek diversion. Some of the calculations may be of help to you if this drawing is to be revised. Our print, on file in the docket, has shrunk and is torn and folded. We believe a corrected map should be made using the original tracing, since it is drawn to the most accurate scale available.

The coordinate system from which we made the calculations is the one now in use in this area of the Park. The following points will be helpful to establish a new and corrected grid.

South 1/4 cor. sec. 33 designated post No. 46	11212.0N	10351.0E
New Diversion No. 1	14121.7N	12613.7E
Point where new 6" W.L. to campground leaves 6" main on highway No. 5	9477.2N	9066.2E

The scale of the campground both east and west of the river is the same on the cover sheet of drawing 3345A as on our application map No. 6978. We have checked with the Western Office of Design and Construction and they are quite sure the campground system drawing was reduced in size by pantograph from their basic plan at a 1" = 40' scale. This is as accurate a reduction of the campground area as we can expect to receive.

Enclosed is an overlay of the hydraulic gradient protion of the map. Elevations of the pipe are only accurate to within about 5' as the starting control point had to be interpolated from a very steep portion of an existing contour map. If more correct elevations are ever required we think the Western Office of Design and Construction will need to run a closed level circuit from a known bench mark along the water line to the diversion and back. We think it best that the entire water line be run to eliminate errors that seem to exist between the 1943 and 1960 surveys. Since the cost of this work would probably outweigh the value, we believe it is not essential at this time. It might be noted that the critical point on the hydraulic gradient occures within 400 feet of the diversion. If any more water is ever required there are two or three relative inexpensive ways to increase the capacity of this system. The capacity at this time is 0.4 c.f.s. which is the quantity stated in our permit.

We will transmit in the near future copies of the financial statement and narrative of the completion report to all dockets.

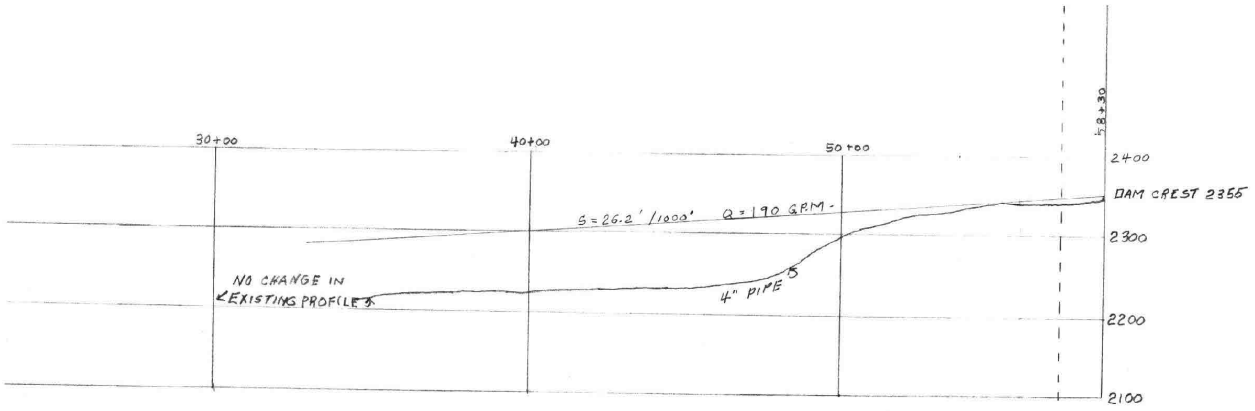
(sgd) Keith Neilson

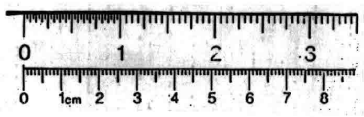
Assistant Regional Director

Enclosure

Copy to: Superintendent, Mount Rainier
Chief, WODC (2)

P.S. to Director: In checking the application map it seems that except for the point of diversion shown on plan No. 3345, the grid system used in 1960 was the same one used in 1943.





OVERLAY TO APPLICATION MAP 6978 MT RAINIER.

00-00-1962: mt. rainier ohanapecosh water diversion: laughingwater cr.

Point	Dist	Bearing	Cos.	Sin	Lat	Dep	N	E
		N61°41'E						
3+04.13 Δ=43°19'							14295.5	12377.5
	102.97	S75°00'E	.2588190	.9659258	-26.7	+99.5		
2+01.16 Δ=5°33'							14268.8	12477.0
	100.41	S46°27'E	.6889873	.7247734	-69.2	+72.8		
1+00.75 Δ=7°06'							14199.6	12549.8
	100.75	S39°21'E	.7732872	.6340559	-77.9	+63.9		
0+00 Diversion							14121.7	12613.7

Diversion 14121.7 N 12613.7 E
1/4 Cor. 11212.0 N 10351.0 E
2909.7 2262.7

$\tan \alpha = \frac{2262.7}{2909.7} = .77764$

$\alpha = 37°52'$

$d = \sqrt{2909.7^2 + 2262.7^2}$

$2909.7^2 = 8,466,354$

$2262.7^2 = 5,119,811$

$d^2 = 13,586,165$

$d = 3685.94$

MT RAINIER
OHANAPECOSH
WATER DIVERSION
LAUGHINGWATER CR.
1962

07-12-1962: memorandum to regional director from chief regarding ohanapecosh water system rights

WL copy
7/16

Mount Rainier

July 12, 1962

L54-AL

Memorandum

To: Regional Director, Western Region

From: Chief, Branch of Water Resources

Subject: Ohanapecosh Water System and Rights, Docket I, Mount Rainier

A comparison of drawing 6976 in the subject docket, and 3345A, which is mentioned in the completion report of February 21, indicates the need for reconciliation, and revision of the former.

Drawing 6976 was prepared before the present Laughingwater Creek diversion was constructed. It was also prepared before there were any plans for the campground on the west side of the Ohanapecosh River. I cannot recall whether I used a Park coordinate grid, or an arbitrary one of my own. I believe that my elevations were carried from some recognized in 1942 in the developed area of that date.

Drawing 3345A appears to show separate grids for the new campground area and the area at the diversion, and both disagree with those on 6976. The diversion appears to be at an assumed elevation of 1,000, or 1,350 feet lower than that shown on 6976. Drawing 3345A shows no section lines.

The narrative and financial statement of the completion report should also be duplicated for the docket.

SIGNED

A. van V. Dunn
Chief, Branch of Water Resources

Copy to: Superintendent, Mount Rainier
Chief, WORC (2)
Mr. Reshoft
Mr. Dunn

AvanVDunn:ljc

Spaulding 1-22
Manbe 1-17
Whitworth
Wosky
(quiat)

January 17, 1961

L 54

Memorandum

To: Superintendent, Mount Rainier

From: Regional Chief of Operations, Region Four

Subject: Extensions of Time, Water Right Permits 3709, 3714, 3716, 3717, 3813, Dockets 1, 5, 8, 9 and 12. Mount Rainier National Park

Attached are copies of letters dated January 12 from Mr. M. G. Walker, granting six year extensions of time in which to complete construction under the following permits:

Permit No. 3709, Docket 1, Laughingwater Creek
Permit No. 3714, Docket 5, Spring diversion, Tipsoo Lake
Permit No. 3716, Docket 8, Shadow Lake outlet
Permit No. 3717, Docket 9, Klickitat Creek
Permit No. 3813, Docket 12, Nisqually Entrance

FILE COPY

Sufficient copies have been provided for filing one copy as marked in each of the five dockets. By copy of this memorandum we are distributing similar copies for filing in dockets in the Washington office and WODC.

(SGD) JOHN B. WOSKY

Regional Chief of Operations

Attachments

Copy to: Director (w/attachments)
Chief, WODC (2)(w/attachments)

LSSpaulding:lq

12-21-1960: letter to nps from department of conservation and development regarding signed vouchers in connection with the pay

STATE OF WASHINGTON
Mt Rainier ship water Cr Dashof

Department of Conservation and Development

EARL COE, DIRECTOR
335 GENERAL ADMINISTRATION BUILDING
OLYMPIA

ALBERT D. ROSELLINI
GOVERNOR

DIVISIONS:
RECLAMATION
FLOOD CONTROL
WATER RESOURCES
MINES AND GEOLOGY
COLUMBIA BASIN PROJECT
POWER RESOURCES
WEATHER MODIFICATION

December 21, 1960

RECEIVED
NPS REGION FOUR OFFICE
DEC 22 '60

	SURNAME	DATE
REG. DIR.		
ASST. R.D.		
OPERATIONS		
ADMIN.		
RECREATION		
INTERP.		
RANGER ACT.		

Fiscal
~~Spaulding~~ LSS
1/4/61

U. S. Department of Interior
National Park Service
Region Four, 180 New Montgomery Street
San Francisco 5, California

Gentlemen:

We are herewith enclosing signed vouchers in connection with the payment of statutory fees for extensions of time on Surface Water Permits Nos. 3709, 3714, 3716, 3717 and 3813.

Upon receipt of the warrant, extensions will be granted.

Very truly yours,

DEPARTMENT OF CONSERVATION

EARL COE, Director

Glen H. Fiedler

GLEN H. FIEDLER, Deputy Supervisor
Division of Water Resources

GHF:my
Enclosure

COPY TO Mount Rainier DATE 1/4/61
FOR YOUR X INFORMATION ☐ ACTION
REGION FOUR OFFICE INITIALS LSS

3

12-16-1960: letter to supervisor from superintendent regarding vouchers to cover renewal of multiple water right permits

copy for MORA ✓ Docket 1, Laughingwater Creek - permit 3709
" 5, Tipsoo Lake " 3714
" 8, Shadow Lake outlet " 3716
Docket 9, Klickitat Creek I-54 " 3717
Docket 12, Nisqually Entrance " 3813

Spaulding WSS 12/21
Manbey
Whitworth

Mount Rainier National Park
Longmire, Washington

December 16, 1960

Mr. M. G. Walker, Supervisor
Division of Water Resources
Olympia, Washington

Dear Mr. Walker:

Renewal 12/21/60

We are attaching vouchers in the amount of $10.00 to cover renewal of water right permits 3709, 3714, 3716, 3717, and 3813. You should sign these vouchers and return them to our Region Four Office at 180 New Montgomery Streetm San Francisco 5, California, for payment.

Please provide us with six year extension of time on these projects so that we may continue with our construction work under the MISSION 66 program.

The water right application #5788, permit 3709 for water from Laughingwater Creek in the Ohanapecosh area, covers a water system development which is partially completed and will probably be completed in 1963 or 1964. We will advise you when work has been accomplished.

Sincerely yours,

Preston P. Macy
Superintendent

Copy to: ✓Regional Director, Region Four



METHOD OF PURCHASE: Form Approved Budget Bureau No. 48-R101
Indicate Method by Number:
1. Federal Supply Schedule.
2. Bureau of Federal Supply Stock.
3. Excess Property Transfer.
4. Advertising (R. S. § 3709).
5. Other Exemptions from R. S. § 3709
6. Miscellaneous
(See Bureau of Federal Supply Circular B69)

6

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

PURCHASE ORDER

THIS NUMBER MUST APPEAR ON ALL PACKAGES AND PAPERS RELATING TO THIS ORDER.

ORDER NO. 34-248

DATE 12/6/60

☐ SMALL BUSINESS ☐ OTHER BUSINESS

POINT OF ISSUE 180 New Montgomery St. San Francisco, Calif.

REQUISITION NO.

APPROPRIATION SYMBOL AND TITLE

ACCOUNT 4-MR-61 134.2MR

TO: SELLER
Department of Conservation
State of Washington
335 General Administration Bldg.,
OLYMPIA, WASHINGTON

CONSIGNEE AND DESTINATION
SHIP TO
National Park Service
Region Four Office
180 New Montgomery St.
San Francisco 5, Calif.

INVITATION NO.	CONTRACT NO.	TIME FOR DELIVERY	DISCOUNT TERMS
	OH	Soon as possible	Net

F. O. B. POINT	SHIP VIA	GOV'T B/L NO.
San Francisco, Calif.		

ITEM NO.	ARTICLES AND SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1.	Fee, as prescribed by Section 90.04.040 of the Water Code to accompany a request for an extension of time in which to complete construction of a water system to divert and use the water of Laughingwater Creek and of two unnamed streams in MOUNT RAINIER NATIONAL PARK.	1	@		2.00
				TOTAL	$2.00

Receipt on _____ (DATE) is hereby acknowledged of your Purchase Order, of which this is a copy.

_____ (NAME OR SIGNATURE OF VENDOR)

By _____ (SIGNATURE)

Title _____

SIGNATURE

NAME AND TITLE (Sgd.) Le Roy E. Marcroft
Procurement Officer

IMPORTANT.—Vendor must sign and mail this acknowledgment to "Point of Issue" immediately upon receipt of the original purchase order.

Delivery will be made on or about _____, 19____.

FORM 10-131 (REV. 2/57)

ACKNOWLEDGMENT COPY

(2)

11-22-1960: letter to division of water resources from chief regarding the responsibility for water resources matters to be delegated

L54-CBL

November 22, 1960

Mr. M. G. Walker, Supervisor
Division of Water Resources
335 General Administration Building
Olympia, Washington

Re: Water Right [illegible] 3714, 3716, 3717 and 3618

Dear Sir:

Your form letter of November 14 is being referred to our Regional Director, Mr. Lawrence Merriam, Region Four, 180 New Montgomery Street, San Francisco 5, California, for reply. Responsibility for water resources matters has been delegated to the Regional Directors.

I assume that extensions of time will be needed in which to complete at least part of the subject water systems, because this Service is in the middle of a 10-year MISSION 66 development program which is intended to have all facilities completed to meet the needs of 1966. The work on the particular water systems may have been partially completed, but other portions are scheduled between now and 1966.

Sincerely yours,

[illegible]

A. van V. Bunn
Chief, Water Resources Section

Copy to: Regional Director, Region Four
Superintendent, Mount Rainier
Chief, WODC

11-14-1960: letter to nps from department of conservation regarding no submittal of notice of completion of construction; multiple

STATE OF WASHINGTON

Department of Conservation

EARL COE, Director

325 GENERAL ADMINISTRATION BLDG.
OLYMPIA

November 14, 1960

DIVISIONS:
RECLAMATION
FLOOD CONTROL
WATER RESOURCES
MINES AND GEOLOGY
COLUMBIA BASIN PROJECT
POWER RESOURCES
WEATHER MODIFICATION

ALBERT D. ROSELLINI
GOVERNOR

The Director
National Park Service
Department of the Interior
Washington 25, D.C.

Dear Sir:

DOCKETS 1 5 8 9 12

Re: **Surface** Water Permit No. **3709, 3714, 3716, 3717 and 3813**

In checking over your permit we find that you have not submitted **Notice of Completion of Construction**.

If the work has been **completed** on this project, kindly fill out the enclosed form. If it has not, you should request an extension of time for which there is a statutory fee of **$2.00 per application.** Please state why such extension is necessary and make check payable to the Department of Conservation.

If we do not hear from you within sixty (60) days from date, we shall assume that you are no longer interested in retaining the permit and shall cancel it without further notice.

Very truly yours,

DEPARTMENT OF CONSERVATION

EARL COE, DIRECTOR

M. G. WALKER, Supervisor
Division of Water Resources

MGW: my
Enc.

REGISTERED

12-09-1957: letter to division of water resources from chief regarding good standing for multiple permit nos.

L54-L

December 9, 1957

Mr. M. C. Walker, Supervisor
Division of Water Resources
325 General Administration Building
Olympia, Washington

Re: Permit R-134, our Docket 6, Frozen Lake Storage
Permit 3715, our Docket 7, Frozen Lake Diversion
Mt. Rainier National Park

Dear Mr. Walker:

With receipt of your grants of November 26, of extensions of time in which to perfect rights under Permits 3710, 3711, 3814 and 3815, we find that all water rights to use of water in Mt. Rainier are in good standing until 1960 or later except those for the use of subject Frozen Lake.

The reservoir was reported as complete in the combined Application-Permit returned by your office on October 25, 1943, with Mr. Bartholet's letter of the same date. That letter left the need for further action indefinite, due to the extended time before we anticipated full use of the water. Our docket also contains a Reservoir Inspection Report of August 14, 1956, by Mr. Molenaar. There has been no further action.

The same letter of October 25, 1943, placed the Permit No. 3715 for diversion and use of the stored water, and several other permits, in the same category. However, all diversion rights have since been placed in line for completion or extension of time at the request of your office. The time under Application 3715 was extended to October or November 1955 by Mr. Bartholet's letter of November 8, 1950. Our request for further extension of time under Permits 3709, 3714, 3715, 3716, 3717 and 3813, was made by letter of December 22, 1955. All extensions of time until October 1, 1960, except for Permit 3715, were granted by your letter of January 24, 1956.

We shall appreciate advice as to whether a separate grant was lost in the mail, or whether some further action is needed.

Very truly yours,

A. van V. Dunn
Chief, Water Resources Section

Copy to: Regional Director, Region Four
Superintendent, Mt. Rainier
Chief, WDDC

12-17-1957: letter to nps from department of conservation regarding issue of final certificate of water right (no. 6386) covering per

STATE OF WASHINGTON
Department of Conservation
Earl Cee, Director
335 General Administration Bldg.
Olympia

December 17,1957

Department of the Interior
National Park Service
Washington 25, D.C.

Attention: Mr. A. van V. Dunn

Gentlemen: Re: Permit R-134 and Permit #3715

This is to acknowledge receipt of your letter of December 9 relative to subject permits and to advise that a final certificate of water right (No.6386) was issued covering the two permits jointly on December 30, 1959. Therefore nothing further need be done regarding those two permits.

With regard to the other permits mentioned in your letter, we wish to advise that the time for filing Notice of Completion of Construction has been extended to 11-1-60.

Very truly

Department of Conservation

Earl Cee, Director

/s/Robert H. Russell

Robert H. Russell Asst. Supervisor
Division of Water Resources

WR Cop
Also.

154

March 15, 1956

Memorandum

To: Regional Director, Region Four

From: Acting Superintendent, Mount Rainier

Subject: Water Right Permits 3709, 3714, 3716, 3717 and 3813, Mount Rainier

This is in reference to Mr. Johnston's memorandum of March 5 and also Mr. A. van V. Dunn's memorandum of February 7, 1956.

All of the water systems covered by Mr. Dunn's memorandum are in operation but none of them have been completed sufficiently to permit use of all authorized water. Thus, it is not possible at the present time to make reports of completion on any of these water rights and if the Service follows the present park program of development, an additional extension of another five years will be needed before any of these water systems can be considered as completed.

Following are comments on the various water right permits referred to in Mr. Dunn's memorandum:

Water Right Permit 3709 - Laughingwater Pipe Line. The final and full diversion which is called diversion No. 1 on the application for Water Rights Permit has been delayed over a period of years as a result of the Korean Conflict and World War Two. The completion of this diversion is called for in PCP U-2-3 which is now in the park's 1957 fiscal year program. The MISSION 66 program calls for the construction of a new residence and utility buildings in 1958 fiscal year, an extension of present Ohanapecosh Campgrounds by an additional 150 units in 1963 fiscal year and a Visitor Center and 8-unit apartment house in the 1964 fiscal year. Thus it can be seen that complete use of water applied for on this permit is at least eight years away.

Water Right Permit 3714 - Tipsoo Lake Pipe Line. Infiltration galleries were developed on this water system in the year 1953 but it is still necessary to construct a 25,000 gallon reservoir (this is in the 1960 fiscal year program) in order to guarantee a continuous water supply during heavy use. The construction of an additional comfort station is also in the 1960 program. In the 1965 fiscal year program, it is proposed to extend this system 6,000 lineal feet to a proposed Cayuse Pass Ski Area as listed in the water rights application. The complete water use for this permit is about nine years in the future.

Water Right Permit 3716 - Shadow Lake Outlet Pipe Line. The original water rights application for water to be appropriated at Shadow Lake Outlet was for .03 cubic feet per second. At the time this was requested, no consideration was given to any large developed area in this vicinity. Instead large campgrounds were constructed at Yakima Park; but, over a period of years the higher elevation campgrounds haven't proven too successful. Therefore, plans as dictated by the park's MISSION 66 program call for construction of a low altitude campground in the general vicinity of the present White River Campground. On the MISSION 66 Prospectus, this campground was called the Shaw Creek Campground (one of the sites picked as a potential campground but eliminated later because of possible lack of good water supply). If further field investigations show that a large campground can be developed in the vicinity of the present campground it will be necessary to apply for an additional 0.40 cubic feet per second from the Shadow Lake Outlet.

Water Right Permit 3717 - Klickitat Pipe Line. At the present time this system is rather makeshift and has been condemned by Public Health as not too satisfactory. It is proposed to develop an infiltration-type headworks to replace the present method of taking water from an open creek and to construct a 10,000 gallon reservoir at a higher elevation to give a better operating and fire fighting pressure for this area. This is scheduled for construction in the fiscal year of 1964.

Water Right Permit 3813 - Nisqually Entrance Pipe Line. The water rights application for water to be appropriated on this permit was for 0.1 cubic feet per second. However, because of change of plans brought on by MISSION 66, it is now proposed to put in a large picnic area at Sunshine Point with comfort stations (fiscal year 1961), construction of new Nisqually Entrance quarters (fiscal years 1959 and 1961) and increase in size of water line to handle larger quantities of water supply required (fiscal year 1961). Thus it will be necessary to increase the request for water desired to 0.25 cubic feet per second. As a result of this change in the overall system, the complete water use for this permit is still five to six years from being realized.

I hope these data cover the information desired.

Curtis K. Skinner
Acting Superintendent

Copy to: Director
Chief, WCDC

01-24-1956: letter to nps from department of conservation and development regarding granted an extension of time to complete ur

MTRA Docket 1

COPY

STATE OF WASHINGTON
Department of Conservation and Development

Transportation Building
OLYMPIA

January 24, 1956

Mr. A. van V. Dunn
Chief, Water Resources Branch
U. S. Dept. of the Interior
National Park Service
Washington 25, D. C.

Dear Sir:

Re: Surface Water Permit Nos. 3709, 3714, 3716, 3717 and 3813

In compliance with your request of January 23, 1956, you are hereby granted an extension of time in which to complete construction under the above permit from 10-1-55 to 10-1-60.

Yours very truly,

/s/ Division of water resources

/s/ M. G. Walker

M. G. WALKER
Supervisor

01-13-1956: cash receipt: received from nps: no. 76865

S. F. No. 1912—6-54—10M. 38519.

STATE OF WASHINGTON

Cash Receipt Department of Conservation and Development No. wrgtz 76865

Olympia, Wash., Jan 13, 1956

RECEIVED FROM National Park Service - Washington, D.C.

Sixteen & no/100 DOLLARS 16.00

To be placed to the credit of: General Fund ✓ Reclamation Revolving Fund

Trust Fund

Water Code

Extension Fees

Permits 519, 570, 572,

3709, 3714, 3716, 3717, 3813 -

8 @ 2.00 each - $16.00

DEPARTMENT OF CONSERVATION AND DEVELOPMENT

ORIGINAL

By M. Stone

Fiscal Officer.

Docket 1

L54-L

COPY

December 22, 1955

Supervisor, Division of Water Resources
Department of Conservation and Development
Transportation Building
Olympia, Washington

Re: Permits 3709, 3714, 3715, 3716, 3717 and 3813 for Appropriation of Water at Mt. Rainier National Park

Dear Sir:

This is to request an extension of time, for five years if possible, in which to complete construction under each of the subject applications. A voucher and purchase order are enclosed to cover the statutory fees for filing such requests, and the voucher should be signed and returned to us for payment.

All of the water systems are in operation, but none have been completed to permit use of all authorized water. Due to the rapidly increasing annual public use of the Mt. Rainier National Park, it would be unwise to curtail any of the rights by proof on the present developments.

Sincerely yours,

/s/ Gordon W. Robertson

Gordon W. Robertson
Acting Chief
Water Resources Section

L54

STATE OF WASHINGTON

Department of Conservation and Development
W. A. GALBRAITH, DIRECTOR
TRANSPORTATION BUILDING
OLYMPIA

ARTHUR B. LANGLIE
GOVERNOR

RECEIVED
Chief Clerks Office
1955 NOV 7 PM 2:59

DIVISIONS:
FORESTRY
RECLAMATION
FLOOD CONTROL
WATER RESOURCES
MINES AND GEOLOGY
COLUMBIA BASIN PROJECT
PROGRESS AND INDUSTRY DEVELOPMENT

November 3, 1955

The Director
National Park Service
Dept. of the Interior
Washington 25, D.C.

Dear Sir:

Re: Surface Water Permit No. 3709

In checking over your permit we find that you have not submitted notice of completion of construction.

If the work has been completed on this project, kindly fill out the enclosed form. If it has not, you should request an extension of time for which there is a statutory fee of $2.00. Please state why such extension is necessary and make check payable to the Department of Conservation and Development.

If we do not hear from you within sixty (60) days from date, we shall assume that you are no longer interested in retaining the permit and shall cancel it without further notice.

Very truly yours,

DIVISION OF WATER RESOURCES

M. G. WALKER
Supervisor

MGW: jrc
Enc.

REGISTERED

S. F. No. 8507—3-55—10M. 41263.

11-08-1950: letter to nps from department of conservation and development regarding request for extension of time to complete th

COPY

STATE OF WASHINGTON

Department of Conservation and Development
J. V. Rogers, Director
Transportation Building
Olympia

Arthur B. Langlie
Governor

Mantey B Fm
File in Deed No 9
Mt. Rainier Water Rights

November 8, 1950

Mr. A. van V. Dunn
Chief, Water Resources Branch
U.S. Department of the Interior
National Park Service
Washington 25, D. C.

Dear Sir:

Re: L54 MTRR

Your request for an extension of time for 5 years to complete the water system projects located in the Mount Rainier National Park and listed below, has been granted to November 1, 1955.

Water rights are designated as:

-Permit No. 3709 - Laughingwater Pipe Line
✓Permit No. 3714 - Tipsoo Lake Pipe Line
✓Permit No. 3715 - Frozen Lake Diversion Pipe Line
✓Permit No. 3716 - Shadow Lake Outlet Pipe Line
-Permit No. 3717 - Klickitat Pipe Line
✓Permit No. 3813 - Nisqually Entrance Pipe Line

Yours very truly,

/s/ Chas. J. Bartholet

CHAS. J. BARTHOLET
Supervisor of Hydraulics

CJB:aj

11-01-1950: letter to supervisor of hydraulics from nps regarding request for extension of time to complete construction for multipl

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON 25, D. C.

In reply refer to:
L54 MTRR

November 1, 1950

Mr. H. W. Pollock
Supervisor of Hydraulics
Department of Conservation and Development
Box 207
Olympia, Washington

Dear Mr. Pollock:

A five-year extension of time is hereby requested in which to complete construction of the following water systems at Mount Rainier National Park:

Application 5788, Permit [redacted] - Laughingwater Pipe Line
Application 5865, Permit 3714 - Tipsoo Lake Pipe Line
Application 5866, Permit 3715 - Frozen Lake Diversion Pipe Line
Application 5875, Permit 3716 - Shadow Lake Outlet Pipe Line
Application 5876, Permit 3717 - Klickitat Pipe Line
Application 5969, Permit 3813 - Nisqually Entrance Pipe Line

All of these pipe lines have been nominally complete and in operation since the dates when the applications were filed, but each pipe line requires enlargement of some sections, in order to permit the diversion and use of the entire authorized quantity of water. In each application it was indicated that the water system would be completed to full capacity within five years after the close of the war. The President declared the official close of hostilities to be December 31, 1946, and Congress rescinded most war legislation on July 25, 1947. However, the postwar emergency period of industrial and commercial readjustment and shortage of housing has continued until the present time with rent controls and similar curbs in effect until quite recently. We are now embarked on another emergency defense program.

Public facilities, including the water systems, were barely adequate for the 446,636 visitors at the Park in 1941, the last pre-war travel year of normal tourist activity. During the war there was some reduction of facilities through lack of adequate maintenance

and the actual transfer of guest cabins from the area served by the Frozen Lake Diversion Pipe Line to the Puget Sound industrial area. Since the close of hostilities, Congress and the Bureau of the Budget have limited the appropriations for restoration and enlargement of public facilities at the national parks in order to expedite the expansion of more urgent national needs with a minimum of burden on the taxpayer. These restrictions on the development of Mount Rainier National Park have been maintained despite the fact that the average number of visitors has been 573,805, or 26% greater than in 1941.

Because of the inadequacy of the existing water systems, and the authorization for proper enlargements under the water right permits, it is unwise to make proof for final licenses on the basis of existing conditions.

Sincerely yours,

(SGD.) A. VAN V. DUNN

A. van V. Dunn
Chief, Water Resources Branch

Copy to: Regional Director, Region Four (2)

AvanVDunn:sh

01-18-1944: letter to superintendent from department of conservation and development regarding filing notice of completion of con

COPY

STATE OF WASHINGTON

DEPARTMENT OF CONSERVATION AND DEVELOPMENT
Ed Davis, Director
Transportation Building
Olympia

January 18, 1944.

Mr. John C. Preston, Superintendent
Mount Rainier National Park
Longmire, Washington

Dear Sir:

Re: Permits Nos. 3709-3710 and 3711

We acknowledge receipt and thank you for notices of beginning of construction in connection with the above numbered permits.

We are enclosing form for filing Notice of Completion of Construction under Permit 3709 when the work has been finished.

As the other two projects were reported 100% completed, we are sending forms for Notice of Complete Application of Water to Beneficial Use and Proofs of Appropriation to be sent in when the water has been put to full use. The extra forms are for use for your files.

Yours very truly

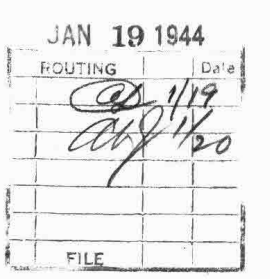
CHAS. J. BARTHOLET
Supervisor of Hydraulics.

By /s/ G. Hallahan
Secretary.

G.H.

01-17-1944: letter to supervisor of hydraulics from nps regarding notice of beginning of construction in connection with water right

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MOUNT RAINIER NATIONAL PARK
LONGMIRE, WASHINGTON



January 17, 1944.

Mr. Chas. J. Barthelet,
Supervisor of Hydraulics,
State of Washington,
Olympia, Washington.

Dear Mr. Barthelet:

In accordance with the requirements of your office, there is enclosed "Notice of Beginning of Construction" in connection with Water Right Permits 15-3709, 3710, and 3711 to divert water for the Chanapecosh Area of Mount Rainier National Park.

These notices have been executed as of January 17, 1944.

Sincerely yours,

John C. Preston
Superintendent.

cc Mr. Dunn
Regional Director

10-21-1943: letter to superintendent from department of conservation and development regarding forms to be filed: permits 3709,

Wawona Peacock

State of Washington
Department of Conservation and Development

October 21, 1943.

Mr. John C. Preston, Superintendent
Mount Rainier National Park
Longmire, Washington

Dear Sir:

Enclosed are Permits Nos. 3709, 3710 and 3711, issued under Applications 5788, 5789 and 5790, respectively, together with forms to be filed as the work progresses.

As these projects have all been started, we are not sending forms for Notice of Beginning of Construction. We require only one copy of each notice for each permit, but are sending duplicates as we believe you keep copies for your own records.

Please read the provisions of these permits, on the second page and instructions on the third page.

Yours very truly

CHAS. J. BARTHOLET
Supervisor of Hydraulics

By
/s/ G. Hallahan
Secretary.

09-02-1943: letter to state supervisor of hydraulics from nps regarding voucher for signature covering fees under applications nos.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MOUNT RAINIER NATIONAL PARK
LONGMIRE, WASHINGTON

September 2, 1943

Mr. Chas. J. Bartholet,
State Supervisor of Hydraulics,
Olympia, Washington.

Dear Sir:

In accordance with your letter of August 20, 1943, we are enclosing voucher for signature covering your statement of August 17, for fees under Applications Nos. [redacted], 5789 and 5790.

Kindly return to this office after completion.

Sincerely yours,

O. W. Carlson,
Ass't Supt.

cc - Mr. Dunn

C
O
P
Y

STATE OF WASHINGTON

Department of Conservation and Dvelopment

Division of Water Resources

Charles J. Bartholet, Supervisor

OLYMPIA

August 20, 1943

Mr. O. W. Carlson
Acting Superintendent
Mount Rainier National Park
Longmire, Washington

Dear Sir:

Replying to your inquiry of August 18, regarding fees under Applications Nos. 5788, 5789 and 5790:

The fees you mention are separate fees, as set out in Sec. 44 of the Water Code, a copy of which is enclosed for your information. There is an examination fee of $5.00 which should accompany each application when it is filed. For amounts over 5.0 c.f.s. there is also an additional examination fee. Then if the application is approved for permit, there is a fee for filing and recording permit, which is based on the quantity of water and the use, and in this case the permit fee amounts to $10.00 for each of the above numbered applications.

When final water right certificates are issued there will also be a nominal fee for recording.

Yours very truly

/sgd/ Chas. J. Bartholet
CHAS. J. BARTHOLET
Supervisor of Hydraulics

CJB:GH

Voucher put through for payment 9/17/43.

08-18-1943: letter to state supervisor of hydraulics from nps regarding approval of application nos. 5788, 5789, 5790

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MOUNT RAINIER NATIONAL PARK
LONGMIRE, WASHINGTON

AUG 23 1943
ROUTING | Date
8/23
FILE

August 18, 1943.

Mr. [redacted] J. Bartholet,
State Supervisor of Hydraulics,
Olympia, Washington.

Dear Sir:

Receipt is acknowledged of your letter of August 17 advising that Application Nos. [redacted] 5789 and 5790 have been approved and that permits will be issued upon payment of the statutory fees as set forth in the statement which you enclosed. This statement covered Filing and Recording fees amounting to $10 per application, or a total of $30. Before passing these additional charges for payment we would appreciate being advised as to whether this is an additional fee or a duplication of filing fees already paid for our records indicate that a filing fee of $15 was paid last April for these three applications.

Very truly yours,

O. W. Carlson
Acting Superintendent.

cc Mr. Dunn ✓

08-17-1943: letter to superintendent from department of conservation and development regarding affidavit of publication of notice

Arthur B. Langlie
Governor

COPY

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
Ed Davis, Director

Transportation Building
OLYMPIA

August 17, 1943

Mr. John C. Preston, Superintendent
Mount Rainier National Park
Longmire, Washington

Dear Sir:

Re: Applications Nos. 5788, 5789 & 5790

Thank you for returning to us affidavit of publication of notice of the above numbered applications, which should have been kept in our files. We are sorry that this error occurred.

The applications have been approved and permits will be issued upon payment of the statutory fees set out in the attached statement.

Yours very truly

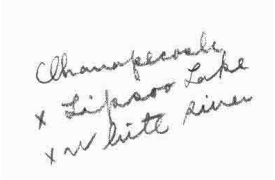
/s/ Chas. J. Bartholet

CHAS. J. BARTHOLET
Supervisor of Hydraulics.

CJB:GH

08-14-1943: letter to supervisor of hydraulics from nps regarding multiple application nos. submittal for publication and affidavit

COPY



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MOUNT RAINIER NATIONAL PARK
LONGMIRE, WASHINGTON

August 14, 1943.

Mr. Chas. J. Bartholet,
Supervisor of Hydraulics,
State of Washington,
Olympia, Washington.

Dear Sir:

Mr. A. van V. Dunn, Hydraulic Engineer of the National Park Service, has forwarded a copy of your letter of July 27 to this office. Notice of water right applications Nos. 5864, 5865, 5866, 5875 and 5876 has been submitted for publication and affidavit of same will be forwarded to your office as soon as it has been received.

In regard to affidavit of publication of notice covering applications [redacted] 5789 and 5790, this affidavit was received in this office on March 20 and mailing stamp indicates that it had been received in your office on March 19. We assumed that you had made the necessary record of the affidavit and that it was being forwarded to this office for filing, as it had been received without letter of transmittal. The affidavit is being returned under this cover.

Sincerely yours,

John C. Preston
Superintendent

cc Mr. Dunn

COPY

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
DIVISION OF WATER RESOURCES
Charles J. Bartholet, Supervisor
OLYMPIA

July 27, 1943.

Okanogan
x White River
x Lipsoo Lake

National Park Service
Water Rights Section
601 Sheldon Building
San Francisco, California

Attention: A. van V. Dunn, Hydraulic Engineer.

Gentlemen:

Enclosed is a notice of your six water right applications, which you should have published for two consecutive weekly issues of any newspaper of general circulation published at Tacoma, the county seat of the county in which the diversions and use are to be made (This is a statutory requirement), after which kindly send the affidavit of publication to this office. Publication should start within thirty days from date.

The notice will give you the numbers of the different applications and we are sending you an extra copy of the notice so that you will have a record of same.

We wish to call your attention to the fact that we have not yet received the affidavit of publication of notice of your former applications 5788, 5789 and 5790, which notice was sent to you February 17, 1943.

Yours very truly,

CHAS. J. BARTHOLET
Supervisor of Hydraulics

By /s/ G. Hallahan
Secretary.

G.H.

8/

STATE OF WASHINGTON

OFFICE OF SUPERVISOR OF HYDRAULICS

OLYMPIA

NOTICE OF WATER RIGHT APPLICATION NOS. [redacted], 5789 and 5790.

TO WHOM IT MAY CONCERN:

Notice is hereby given that on February 15, 1943, the United States of America, Department of the Interior, National Park Service by John C. Preston, Superintendent of Mount Rainier National Park of Longmire, Washington, three applications for permits to divert, subject to existing rights, public waters in Lewis County, Washington, as follows:

Application 5788 for appropriation of 0.4 second-feet of waters of Laughingwater Creek and two unnamed tributaries of Ohanapecosh River continuously each year for the purpose of domestic, recreational and fire protection, the proposed points of diversion being with SE¼ of NE¼ and SW ¼ of SE¼ of Sec. 33, Twp. 15 N., Rge. 10 E. and SE¼ of SW¼ of Sec. 4, Twp. 14 N., Rge. 10 E.W.M.;

Application 5789 for appropriation of 0.11 second-feet of the waters of an unnamed spring, tributary of the Ohanapecosh River, continuously each year for domestic and fire protection purposes, the proposed point of diversion being within Lot 2, Sec. 4, Twp. 14 N., Rge. 10 E.W.M.;

Application No. 5790 for the appropriation of 0.06 second-feet of waters of six unnamed springs, tributaries of Ohanapecosh River continuously each year for hydro-therapeutic and recreational purposes, the proposed points of diversion being within Lot 3, Sec. 4, Twp. 14 N., Rge. 10 E.W.M.

Maps showing the locations and plans of said diversions and the places of proposed use are on file in the office of the State Supervisor of Hydraulics, Olympia, Washington, together with such other information as is required by law. Any person, firm or corporation whose right will be injuriously affected by said applications may file with the State Supervisor of Hydraulics, at Olympia, Washington, such objections or representations, in writing, as he may desire to make, withinthirty (30) days after date of last publication, which date is March 16, 1943. X

Witness my hand and official seal this 17th day of February, 1943.

CHAS. J. BARTHOLET

State Supervisor of Hydraulics.

X This date added in pack and corresponds to date as given in published Notice and Affidavit of Publication.

February 26, 1943.

MEMORANDUM for the Superintendent,
Mt. Rainier National Park.

Reference is made to your memorandum of February 22 notifying us that the three applications for the appropriation of water at Ohanapecosh have been filed with the Supervisor of Hydraulics of the State of Washington.

You ask whether any specific authorization is required for the advertising of these applications. You are advised that no specific authorization is required and you should start the advertising immediately in whatever paper is available at Chehallis. We note the publication must start prior to March 17.

The newspaper will understand that affidavit of publication is to be furnished upon the completion of publication to the office of the Supervisor of Hydraulics. The Water Rights Section is to be billed for the cost of publication as well as the cost of filing.

Albert L. Johnson,
Attorney.

cc: Director.
Region Four.

ALJ:SH

FILE COPY

02-22-1943: memorandum to regional director from nps regarding filing of multiple applications does not constitute a waiver of any

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MOUNT RAINIER NATIONAL PARK
LONGMIRE, WASHINGTON

FEB 25 1943
ROUTING | Date
AJ 2/25
FILE

February 22, 1943.

MEMORANDUM forthe Regional Director, Region Four.

Reference is made to your memorandum of January 19 forwarding three applications for the appropriation of water at Ohanapecosh.

The applications have been submitted to the Supervisor of Hydraulics, State of Washington, and he advised that the filing of these applications does not constitute a waiver of any priorities and rights which may exist by virtueof use prior to June 15, 1917.

The Supervisor of Hydraulics has also submitted a formal notice of the filing of applications which he advises should be published for two consecutive weekly issues of any newspaper of general circulation published at Chehalis, the County seat of the county in which the proposed diversions and use are to be made, after which affidavits of publication are to be sent to his office. It is further stated that publication should start within thirty days from date of notice, which is February 17. Copy of notice is attached for your information.

Your advice is requested as to how the matter of advertising is to be handled and whether or not any specific authorization is required.

The duplicate copies of the applications are being returned as requested by Mr. Dunn.

John C. Preston
John C. Preston
Superintendent.

Copy to Region Four 2/26/43



STATE OF WASHINGTON

OFFICE OF SUPERVISOR OF HYDRAULICS

OLYMPIA

NOTICE OF WATER RIGHT APPLICATIONS NOS. 5788, 5789 and 5790.

TO WHOM IT MAY CONCERN:

Notice is hereby given that on February 15, 1943, the United States of America, Department of the Interior, National Park Service by John C. Preston, Superintendent of Mount Rainier National Park of Longmire, Washington, filed with the Superivisor of Hydraulics at Olympia, Washington, three applications for permits to divert, subject to existing rights, public waters in Lewis County, Washington, as follows:

Application 5788 for appropriation of 0.4 second-feet of waters of Laughingwater Creek and two unnamed tributaries of Ohnapecosh River continuously each year for the purpose of domestic, recreational and fire protection, the proposed points of diversion being within SE¼ of NE¼ and SW¼ of SE¼ of Sec. 33, Twp. 15 N., Rge. 10 E. and SE¼ of SW¼ of Sec. 4, Twp. 14 N., Rge. 10 E.W.M.;

Application 5789 for appropriation of 0.11 second-feet of the waters of an unnamed spring, tributary of the Ohanpecosh River, continuously each year for domestic and fire protection purposes, the proposed point of diversion being within Lot 2, Sec. 4, Twp. 14 N., Rge. 10 E.W.M.;

Application No. 5790 for the appropriation of 0.06 second-feet of waters of six unnamed springs, tributaries of Ohanpecosh River continuously each year for hydro-therapeutic and recreational purposes, the proposed points of diversion being within Lot 3, Sec.4, Twp.14 N., Rge. 10 E.W.M.

Maps showing the locations and plans of said diversions and the places of proposed use are on file in the office of the State Supervisor of Hydraulics, Olympia, Washington, together with such other information as is required by law. Any person, firm or corporation whose right will be injuriously affected by said applications may file with the State Supervisor of Hydraulics, at Olympia, Washington, such objections or representations, in writing, as he may desire to make, withing thirty (30) days after date of last publication, which date is_____.

Witness my hand and official seal this 17th day of February, 1943.

CHAS. J. BARTHOLET
State Supervisior of Hydraulics.

02-17-1943: letter to superintendent from department of conservation and development regarding acknowledgement of receipt of y

COPY

Arthur B. Langlie
Governor

Ed Davis
Director

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
DIVISION OF WATER RESOURCES
Charles J. Bartholet, Supervisor
OLYMPIA

February 17, 1943

Mr. John C. Preston, Superintendent
Mount Rainier National Park
Longmire, Washington

Dear Sir:

Re: Applications Nos. [redacted], 5789 & 5790

We acknowledge receipt of your applications for permits to appropriate water, which have been given the above numbers for our records. The filing of these applications does not constitute a waiver of any priorities and rights which may exist by virtue of use prior to June 15, 1917.

Enclosed is a notice of these applications, which you should have published for two consecutive weekly issues of any newspaper of general circulation published at Chehalis, the county seat of the county in which the proposed diversions and use are to be made, after which kindly send the affidavits of publication to this office. Publication should start within thirty days from date.

Yours very truly,

CHAS. J. BARTHOLET
Supervisor of Hydraulics

By (Signed) G. Hallahan

Secretary.

G.H.

Mr. Dunn.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
WATER RIGHTS SECTION
SAN FRANCISCO, CALIF.

January 19, 1943.

MEMORANDUM for the Regional Director, Region Four.

There are enclosed, in duplicate, three applications to appropriate water at Ohanapecosh in Mt. Rainier National Park, a tracing and 5 prints of drawing NP-RAI-6978, and an old form of the letter of explanation from the State Supervisor of Hydraulics on which we have made a change appearing in the most recent one in our files.

The original of each application, together with all six copies of the map, should be submitted to the State Division of Hydraulics with a voucher for $15.00 to cover three filing fees, after Mr. Preston has signed the applications. The duplicate copies of the applications should be returned to us after he has completed them as copies, in order that we may complete the copies for his and other Park Service files. Mr. Preston may keep the Supervisor's instructions for guidance in further action. As he will know, the various charges may be billed back to the Water Rights Section as paid.

It is suggested that Messrs. Davidson and Waterhouse should review the applications before forwarding them to Mr. Preston. Further, the applications should be called to Mr. Preston's particular attention rather than to an acting superintendent, because he has expressed a desire to have accuracy commensurate with the permanence of the records.

The location of Diversion No. 7, for the Bridge Clinic Pipe Line, is the only one to question, but by checking a traverse by park crews in 1940, with some interpretations, against the spring, or reservoir, shown on the highway maps of the Public Roads Administration, we find a variation of only about 25 feet in location. We feel that needless expense would result from any survey for greater refinement so far within the park.

We have also suggested that hot springs 2-6 inclusive all contribute to the bath-house supply and that No. 2 also has a pipe outlet for filling cups and buckets at the site. There seems to be conflicting information as to exact connections, but with Spring No. 2 contributing about 23% of the total appropriated flow it should be so connected to permit full use.

Our next step, as soon as permits are granted, is to report start of construction, for which we are prepared. It seems possible, too, that we can report completion of construction and full beneficial use of the water for the Clinic and Spring 6 pipe lines unless the hot springs are not properly interconnected for full use. If this is possible, we can obtain final certificates on these rights in the near future, leaving only the Laughingwater System in permit form until after the war.

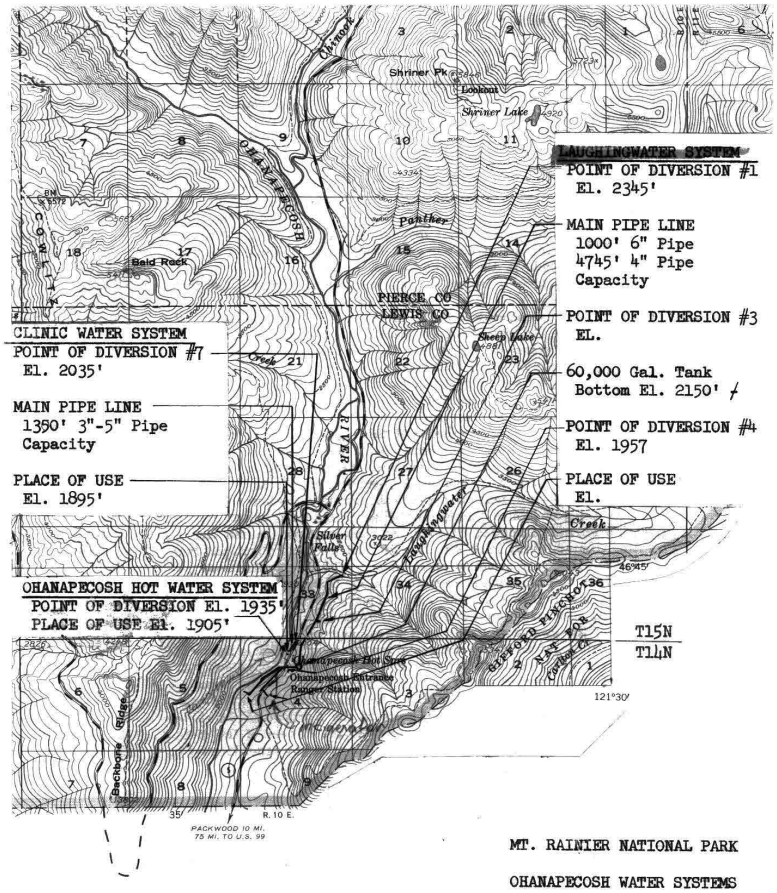
In his letter of transmittal to the State Supervisor of Hydraulics, Mr. Preston should specify that filing of these applications does not constitute a waiver of any priorities and rights which may exist by virtue of use prior to June 15, 1917. He should also indicate that further NPS construction has been deferred until after the war, that the United States is making plans for added construction to relieve the labor situation at that time, and that as a result we should like to have the time limit in permits granting about 3 years after the war in which to complete construction.

(SGD.) A. VAN V. DUNN

Enclosures.

Hydraulic Engineer.

cc: Director.
Supt., Mt. Rainier.

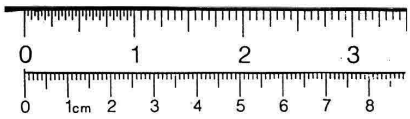


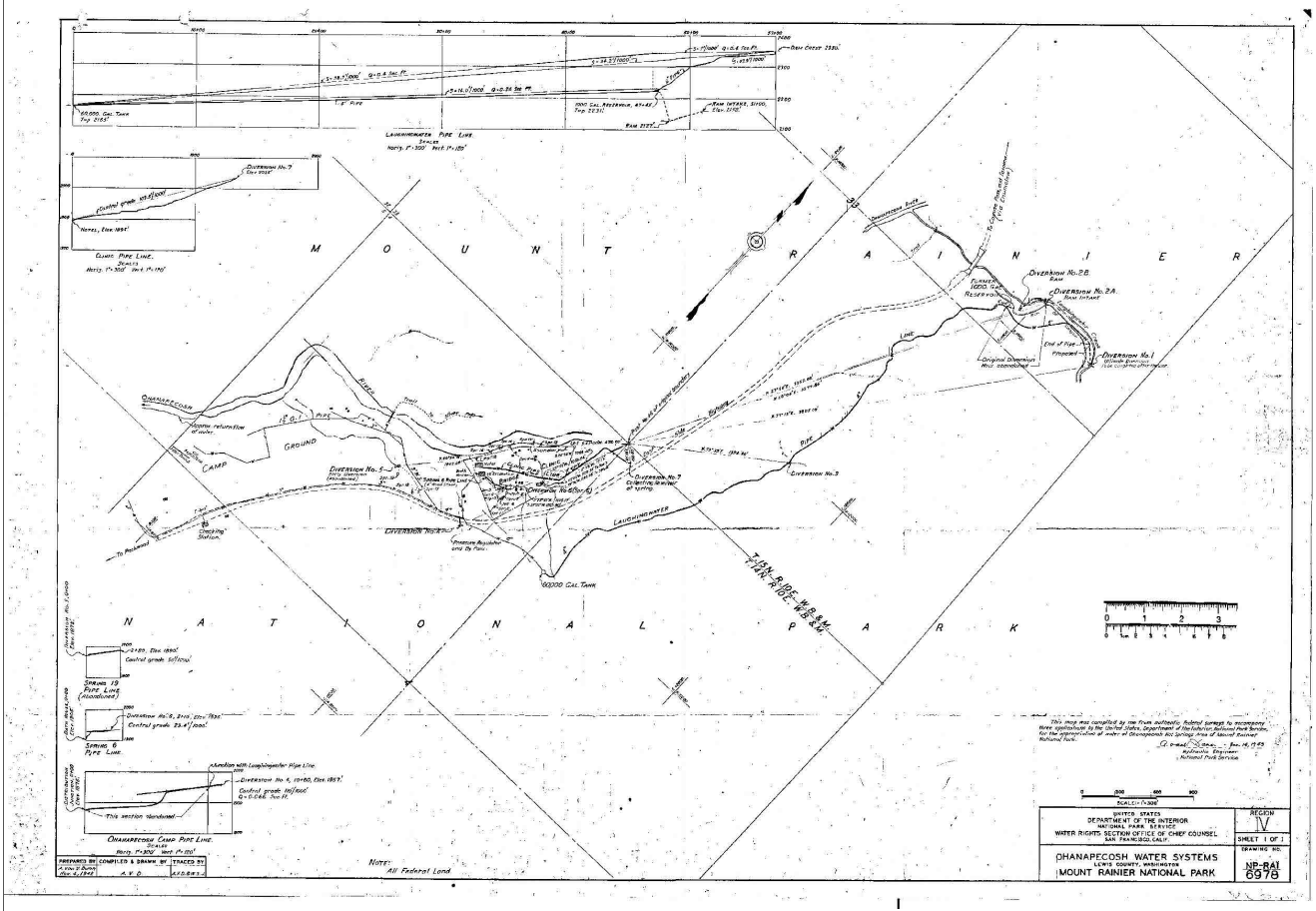
MT. RAINIER NATIONAL PARK

OHANAPECOSH WATER SYSTEMS

SCALE 1:62,500

June 25, 1959 NP-RAI 2406





Docket Information

Number of Documents in Docket 131

Documents Dated from 5/1/1935 to 4/3/1968

Docket Compiled: 6/1/2011