



WATER-RIGHT DOCKET

Olympic National Park

Docket No: 5

GRIFF CREEK HYDROELECTRIC SYSTEM

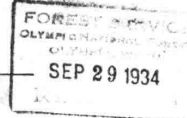
State Water Rights Documentation

09-24-1934: certificate of water right, certificate record no. 2, permit no. 2120

Elwha right grant Olympic Deed 24

S. F. No. 309-1933, 1906.

CERTIFICATE RECORD No. 2, Page No. 822



STATE OF WASHINGTON, COUNTY OF Clallam

CERTIFICATE OF WATER RIGHT

(For rights perfected under original, enlargement or secondary permits.)

(In accordance with the provisions of Chapter 117, Laws of Washington for 1917, and the regulations of the State Supervisor of Hydraulics thereunder.)

This is to certify, that U. S. Forest Service, Dept. of Agriculture
of Olympia, State of Washington, has made
proof to the satisfaction of the State Supervisor of Hydraulics of Washington, of a right to the use of
the waters of Griff Creek, a tributary of Elwha River,
for the purposes of power and domestic supply
under Appropriation Permit No. 2120 issued by the State Supervisor of Hydraulics, 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 State Supervisor of Hydraulics of Washington and entered of record in
Volume 5, at Page 822, on the 24th day of September, 1934; that
the right hereby confirmed dates from February 20th, 1934; that the amount of water to
which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount
actually beneficially used for said purposes, and shall not exceed 1.0 cubic feet per second.

A description of the lands under such right, and to which the water hereby confirmed is appurtenant,
or if for other purposes, the place where such water is put to beneficial use, is as follows:

PLACE OF USE			LEGAL SUBDIVISION	Theo. H.P. No. Acres Described in Permit	H.P. No. Acres Actually Irrigated Developed
Section	Township	Range			
9	29 N.	7 W.W.M.	SW 1/4 of SW 1/4	11	5

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 Section 39, Chapter 117, Session Laws 1917.

WITNESS the seal and signature of the State Supervisor of Hydraulics affixed this 24th day
of September, 1934.

EXHIBIT

O.R. 7.18.9

Charles C. Anthony
State Supervisor of Hydraulics.

County Rec Vol 6, Page 458

157039

Permit No. 2120

CERTIFICATE OF WATER RIGHT

Recorded in the office of State Supervisor

of Hydraulics, Olympia, Washington, in

Book No. 2 of Water Right

Certificates, on Page 822, on

the 24th day of September,

19 34

Filed by U. S. Forest Service

STATE OF WASHINGTON,)

County of Clallam) ss.

I certify that the within was received
SEP 25 1934 at 3:20 P.M.
and duly recorded by me in Volume 6

of Book of Water Right Certificates, Page

458 on the _____ day of

W. B. Smith, 1934 Auditor

/s/ Vera V. Warner Deputy

By [Signature] Deputy

R. P. No. 380-1934. Approved as to Form, Dept. of Efficiency, 1934.

G. 822

Proof of Appropriation of Water

Application No. 3938Permit No. 2120

1. Name of applicant U. S. Forest Service, Department of Agriculture
2. Postoffice address P. O. Building, Olympia, Washington
3. Source of appropriation Griff Creek; tributary of Elwha River.
4. For what purpose or purposes is water used? Power and domestic supply.
5. Give date of beginning of construction. November 1933
6. Give date of completion of construction work August 8, 1934
7. When was all the water completely applied to proposed use? August 8, 1934
8. Fill in the following carefully, according to use. If for irrigation, fill in the number of acres described in permit and the number of acres actually irrigated (Water should be applied to the full number of acres to be irrigated before certificate can issue). If for power, give location of power plant and the theoretical horse power described in permit. If for domestic supply, municipal, manufacturing or other uses, simply give the description of place of use.

PLACE OF USE			LEGAL SUBDIVISION	FOR IRRIGATION FILL IN FOLLOWING	
Section	Township	Range		No. Acres Described in Permit	No. Acres Actually Irrigated

LOCATION OF POWER PLANT			LEGAL SUBDIVISION	FOR POWER FILL IN FOLLOWING	
Section	Township	Range		H. P. Described in Permit	H. P. Actually Developed
9	29 N	7 W	SW $\frac{1}{4}$ of SE $\frac{1}{4}$	11	5

FOR ALL OTHER USES

Section	Township	Range	LEGAL SUBDIVISION

9. During what months is water used? The entire year
10. Does map filed with your permit show correctly the location of diverting work and area of land where water is used? Yes If not, state wherein such map is in error...
11. If the dimensions of your ditch or dam do not correspond to those described in your permit and the plans and specifications now on file in the office of the State Supervisor of Hydraulics, state what changes have been made, giving dimensions of ditch or other distributing works.

Handwritten signature/initials

REMARKS:

STATE OF WASHINGTON

County of Thurston } ss.

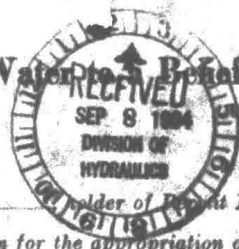
I, W. H. Hunt, Trust Supervisor, being first duly sworn, depose and say that I have read the above and foregoing proof of appropriation of water; that I know the contents thereof; and that the facts therein stated are true.

IN WITNESS WHEREOF, I have hereunto set my hand this 12 day of September, 1934

W. H. Hunt, Trust Supervisor
Subscribed and sworn to before me this 12th day of September, 1934
Melvin S. Northcraft
Notary Public.

G. 822

Notice of Complete Application of Water to a Beneficial Use



I, U.S. Forest Service, Dept. of Agriculture
 issued by the State Supervisor of Hydraulics of Washington for the appropriation of 1.00 second-
 feet of the waters of Griff Creek, in accordance with the tenor of such
 permit and the limitations endorsed thereon by the State Supervisor of Hydraulics, completely applied
 the waters to a beneficial use on the 8th day of August, 19 34, being within
 the time limitation as fixed in said permit or extended by the State Supervisor of Hydraulics for the
 complete application of water to a beneficial use.

(If all water granted in the permit has not been fully applied to beneficial use, give amount used in
 percentage to the whole, so that subsequent appropriators may have notice. If permit is for irrigation
 use, state per cent of lands not now watered.)

IN WITNESS WHEREOF, I have hereunto set my hand this 7th day of September, 19 34

P. O. Bldg., Olympia, Wn.

(Present Address)

UNITED STATES FOREST SERVICE
 DEPARTMENT OF AGRICULTURE

By

(Signature of Applicant)

[Signature]
 Forest Supervisor

S. F. No. 379—1937. 10596.

C O P Y

Notice of Complete Application of Water to a Beneficial Use

I, U.S.Forest Service, Dept. of Agriculture, holder of Permit No. 2120
issued by the State Supervisor of Hydraulics of Washington for the appropriation of 1.00 second-
feet of the waters of Griff Creek, in accordance with the tenor of such
permit and the limitations endorsed thereon by the State Supervisor of Hydraulics, completely applied
the waters to a beneficial use on the 8th day of August, 1934, being within
the time limitation as fixed in said permit or extended by the State Supervisor of Hydraulics for the
complete application of water to a beneficial use.

(If all water granted in the permit has not been fully applied to beneficial use, give amount used in
percentage to the whole, so that subsequent appropriators may have notice. If permit is for irrigation
use, state per cent of lands not now watered.)

IN WITNESS WHEREOF, I have hereunto set my hand this 7th day of September, 1934

UNITED STATES FOREST SERVICE
DEPARTMENT OF AGRICULTURE

P. O. Bldg., Olympia, Wn.
(Present Address)

By H. L. Plumb
(Signature of Applicant)
Forest Supervisor

S. F. No. 378—1923. Approved as to Form Dept. of Efficiency, 19618.

Notice of Completion of Construction



I, U.S. Forest Service, Dept. of Agriculture
and Reservoir Permit No. _____, issued by the State Supervisor of Hydraulics of the State of
Washington for the appropriation of 1.00 second-feet, and storage of
acre-feet of the unappropriated waters of Griff Creek in accordance with the
tenor of such permits and the limitations endorsed therein by the State Supervisor of Hydraulics, have
completed the construction of the works described therein the 8th day of August, 1934,
being within the time limitation as fixed in said permit or permits extended by the State Supervisor of
Hydraulics for the completion of construction work.

Remarks: _____

IN WITNESS WHEREOF, I have hereunto set my hand this 7th day of September, 1934.

P.O. Bldg., Olympia, Wn.

(Present Address)

UNITED STATES FOREST SERVICE
DEPARTMENT OF AGRICULTURE

By

(Signature of Applicant)

Forest Supervisor.

C O P Y

S. F. No. 378—1923. Approved as to Form by Dept. of Efficiency. 10615.

Notice of Completion of Construction

I, **U. S. Forest Service, Dept. of Agriculture**, the holder of Permit No. **2120**
 and Reservoir Permit No. _____, issued by the State Supervisor of Hydraulics of the State of
 Washington for the appropriation of **1.00** second-feet, and storage of _____
 acre-feet of the unappropriated waters of **Griff Creek** in accordance with the
 tenor of such permits and the limitations endorsed therein by the State Supervisor of Hydraulics, have
 completed the construction of the works described therein the **8th** day of **August**, 19 **34**,
 being within the time limitation as fixed in said permit or permits extended by the State Supervisor of
 Hydraulics for the completion of construction work.

Remarks: _____

IN WITNESS WHEREOF, I have hereunto set my hand this **7th** day of **September**, 19 **34**.

P.O.Bldg., Olympia, Wn.

(Present Address)

**UNITED STATES FOREST SERVICE
 DEPARTMENT OF AGRICULTURE**

By H. L. Plumb

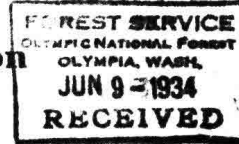
(Signature of Applicant)

Forest Supervisor.

G. 822



Notice of Beginning of Construction



U.S. Forest Service, Dept. of Agriculture, the holder of
 Permit No. 2120, and Reservoir Permit No. , both issued by the Supervisor of Hydraulics
 of the State of Washington for the appropriation of 1 second-foot and
 the storage of acre-feet of the unappropriated waters of Griff Creek
 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 2nd day of
March, 1934, 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 in-
 clude preliminary investigation and reconnaissance.)

PER CENT COMPLETED:

Clearing 100 %; Material in place 75 %; Material on ground 75 %; Excavation 100 %;
 Structure 75 %.

Any additional information which may tend to show good faith in the prosecution of the work.

All construction completed except installation of
 generator which is expected on ground in next few
 days.

IN WITNESS WHEREOF, I have hereunto set my hand this 11 day of June, 1934.

Bx 187 Olympia
 (Printed Address)

W. H. Hunt, Forest Supervisor
 (Signature of Applicant)

1 p. testat

State of Washington, Office of Supervisor of Hydraulics, Olympia. Notice of Water Right Applications 2928 and 2929, to which it has been assigned. Notice is hereby given that the U. S. Forest Service, Department of Agriculture, through its office at Olympia, Thurston County, Washington, under date of February 20th, 1934, filed with the State Supervisor of Hydraulics, Olympia, Washington, two applications for permits to divert the public waters of this State for power and domestic purposes, subject to existing rights, as follows: Application No. 2928 for permit to divert the public waters of Giff Creek, tributary of Elwha River, in the amount of one second foot continuously throughout each year, the approximate point of diversion to be within the SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 20, Township 20 N., Range 7 W., W. M., in Clallam County. Application No. 2929 for permit to divert the public waters of an unnamed stream, for 20" Creek, tributary of Squish Creek River, in the amount of one second foot continuously throughout each year, the approximate point of diversion to be within the SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 28, Township 30 N., Range 11 W., W. M., in Clallam County. 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 or either of them may file with the State Supervisor of Hydraulics at Olympia, Washington, such objection or representations in writing as he may desire to make, within thirty (30) days after date of last publication, which date is April 14, 1934. Witness my hand and official seal this 20th day of March A. D. 1934. CHAS. J. DAVENPORT, State Sup. of Hydraulics.

Pub. M. 1-31, April 1-11, 1934.

Affidavit of Publication

STATE OF WASHINGTON,

COUNTY OF CLALLAM

JOHN SCHWEITZER, being first duly sworn on oath deposes and says that he is manager of THE PORT ANGELES EVENING NEWS, a daily newspaper. That said newspaper is a legal newspaper and it is now and has been for more than six months prior to the date of the publications hereinafter referred to, published in the English language continually as a daily newspaper in Clallam County, Wash., and it is now and during all of said time was printed in an office maintained at the aforesaid place of publication of said newspaper.

That the annexed is a true copy of a

Water Right Application
as it was published in regular issues (and not in supplement form) of said newspaper once

each week for a period of *Three* consecutive weeks, commencing on the

31st day of *March*, 1934, and ending on the

14th day of *April*, 1934, both dates inclusive, and that said 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 \$ *7.20*, which amount has been paid in full, at the rate of \$1.40 a hundred words for the first insertion and 80 cents a hundred words for each subsequent insertion.

John Schweitzer
Subscribed and sworn to before me this

14th day of *May*, 1934, at *Port Angeles*

Notary Public in and for the State of Washington, Residing at Port Angeles.

C O P Y

STATE OF WASHINGTON
OFFICE OF SUPERVISOR OF HYDRAULICS
OLYMPIA

NOTICE OF WATER RIGHT APPLICATIONS 3938 and 3939.

TO WHOM IT MAY CONCERN:

Notice is hereby given that the U. S. Forest Service, Department of Agriculture, through its office at Olympia, Thurston County, Washington, under date of February 20th, 1934, filed with the State Supervisor of Hydraulics, Olympia, Washington, two applications for permits to divert the public waters of this state for power and domestic purposes, subject to existing rights, as follows:

Application No. 3938 for permit to divert the public waters of Griff Creek, tributary of Elwha River, in the amount of one second foot continually throughout each year, the approximate point of diversion to be within the SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 9, Township 29 N., Range 7 W., W. M. in Clallam County.

Application No. 3939 for permit to divert the public waters of an unnamed stream (or "C" Creek), tributary of Soleduck River, in the amount of 0.81 second foot continuously throughout each year, the approximate point of diversion to be within the SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 28, Township 30 N., Range W. W. M., in Clallam County.

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 or either of them 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 April 14, 1934.

(SEAL)

WITNESS my hand and official seal this 24th. day of March.

CHAS. J. BARTHOLET,
State Supervisor of Hydraulics.

S. F. No. 376-1922. Approved as to Form by Dept. of Efficiency, 11823.
Form 10

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
Division of Hydraulics

APPLICATION FOR A PERMIT

To Appropriate Public Waters of the State of Washington

Application No. 3938

Permit No. 2120

I, U. S. Forest Service, Dept. of Agriculture,
(Name of applicant)
of Olympia, County of Thurston,
(Postoffice)
State of Washington, 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 Griff Creek,
(Name of stream)
tributary of Elwha River.

2. The amount of water which the applicant intends to apply to beneficial use is 1.00
cubic feet per second.

3. The use to which the water is to be applied is power and domestic supply.
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. Time during which water will be required each year The entire year.

5. The approximate point of diversion is located N. 36° 30' W., 1375 feet from south
(Give distance and bearing to section corner)
1/4 cor. Sec. 9, T. 29 N., R. 7 W. W. M.,

being within the SE 1/4 of SW 1/4 of Sec. 9, Tp. 29 N., R. 7 W. W. M.,
(Give smallest legal subdivision) (No. E. or W.)
in the county of Clallam.

6. The pipe line to be 1000 ft. ~~or more~~ in length, terminating
(Main ditch, canal, or pipe line)
in the SW 1/4 of SW 1/4 of Sec. 9, Tp. 29 N., R. 7 W. W. M.,
(Smallest legal subdivision) (No. E. or W.)
the proposed location being shown on the accompanying map.

7. The name of the ditch, canal or other works is Elwha Light Plant

8. Estimated cost of development necessary to utilize fully the appropriation herein asked for
\$ 1,750.00.

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.

10. Do you own the required right-of-way for the proposed works? Yes.

DESCRIPTION OF WORKS.

DIVERSION WORKS—

11. (a) Height of diversion dam 10 feet; length on top 16 feet;
length at bottom 16 feet; material to be used and character of construction
Timber crib - wasteway over dam.

(Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate Timber - one opening - 12 inch.
(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—

12. (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.

SUPPLY THE FOLLOWING INFORMATION ACCORDING TO USE PROPOSED:

IRRIGATION—

13. 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)

14. Give the legal description of land when water is to be used for purposes other than irrigation,
power and municipal supply SW¹/₄ of SW¹/₄ Sec. 9, Tp. 29 N., Rge. 7 W. M.,
(Legal subdivisions) (E. or W.)

(a) To what stream is water returned Elwha River

(b) Locate the point of return SW¹/₄ of SW¹/₄ Sec. 9, Tp. 29 N., Rge. 7 W. M.,
(Smallest legal subdivision of section) (E. or W.)

POWER—

15. (a) Total amount of power to be developed 11 H. P.
(Theoretical horsepower)

(b) Total fall to be utilized 100 feet.
(Head)

(c) The nature of the works by means of which the power is to be developed Pelton wheel
to drive 9 k.w. direct current generator

(d) Such works to be located in SW¹/₄ of SW¹/₄ of Sec. 9,
(Legal subdivision)
Tp. 29 N., Rge. 7 W. M.
(No. E. or W.)

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

(f) Locate point of return SW¹/₄ of SW¹/₄ Sec. 9,
Tp. 29 N., Rge. 7 W. M.
(No. E. or W.)

(g) The use to which power is to be applied is lighting buildings and grounds at
Elwha Ranger Station.

MUNICIPAL SUPPLY—

16. 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 _____

17. Construction work will begin on or before March 1, 1934

18. Construction work will be completed on or before June 1, 1934

Duplicate 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 FOREST SERVICE

DEPT. OF AGRICULTURE
 (Name of applicant)By H. L. PLUMB

Forest Supervisor.

Signed in the presence of us as witnesses:

(1) PAUL H. LOGAN, 1017 Capital Way, Olympia, Wash.
 (Name) (Address of witness)
 (2) C. F. RITTER, 801 Percival St., Olympia, Wash.
 (Name) (Address of witness)

Remarks: _____

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.

PERMIT

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: If for irrigation, this appropriation shall be subject to such reasonable rotation system as may be ordered by the State Supervisor of Hydraulics.

The amount of water appropriated shall be limited to the amount which can be applied to beneficial use and not to exceed 1.00 cubic feet per second, or its equivalent in case of rotation. The priority date of this permit is February 20th, 1934.

Actual construction work shall begin on or before May 1st, 1935 and shall thereafter be prosecuted with reasonable diligence and be completed on or before May 1st, 1936

Complete application of the water to the proposed use shall be made on or before October 1st, 1936

Given under my hand and the seal of this office at Olympia, Washington, this 7th day of June, 19 34.

CHAS. J. BARTHOLET

State Supervisor of Hydraulics.

By /s/ J. P. R. Appleby
Assistant Supervisor.

(SEAL)

Application No. 3938

Permit No. 2120

PERMIT
To Appropriate Public Waters of the
State of Washington

Filed by U. S. Forest Service

County of Clallam

This instrument was first received in the
office of the State Supervisor of Hydraulics,
Olympia, Washington, on the 20th
day of February, 19 34,
at 11:45 o'clock A. M.

Approved June 7th, 1934

Recorded in Book No. 9 of
Permits, on Page 2120.

CHAS. J. BARTHOLET
State Supervisor of Hydraulics.

JAY THOMAS, PUBLIC PRINTER, OLYMPIA

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

- 1st. Progress reports (in case temporary permit is issued).
- 2nd. Affidavit of publication of notice of water right application.
- 3rd. Notice of beginning of construction.
- 4th. Notice of completion of construction.
- 5th. Notice of application of water to a beneficial use.
- 6th. 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 State Supervisor of Hydraulics)

Other Supporting Information

utra

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

25, D. C.

June 7, 1948.

MEMORANDUM for the Regional Director, Region Four.

We should appreciate clarification of the memorandum of May 27 from Mr. Maier, concerning the extension of the Altaire Campground Water System at Olympic National Park under PCF-0-30, with funds from Account 141018.

The Altaire Campground Water System is covered by Water Right Certificate 3-12-2 (Deed 15), with rights to 0.1 second foot of water from a small brook. The Elma Ranger Station Water System is covered by Water Right Certificate 2-594 (Deed 23), with rights to 0.02 second foot of water from Griff Creek. Both rights were perfected by the Forest Service.

It is quite possible that the spring mentioned by Mr. Maier, is the source of the small brook described in Deed 15, but it is hard to believe that the Forest Service made proof for the appropriation of 0.1 second foot of water with a 3/4 inch pipe line. Verification is necessary, to determine whether the existing water system is that described in Deed 15, and if not, how the two systems differ. It will be helpful if the two systems, and proposed unification, can be shown in a small scale insert on drawing NP-011-5424A. Also, please show the north point in that drawing.

We concur in the plan to change the source of supply if there is inadequate water at the present point of diversion. However, we should like to know whether the present point of diversion is that described in the water right certificate. If the two are not identical, we should like to know whether the desired pressure and quantity of water can be obtained by restoring the authorized point of diversion. The answer should indicate whether the extension shown on drawing NP-011-5424A, is permanent or temporary.

The extension, if permanent, will require amendment of water rights under Certificate 2-594, to expand the area of use. In addition, we should consider the total, ultimate water demand

in the area; whether it will exceed the 0.02 second foot covered by that certificate; or whether part of the rights under Certificate 3-1252 should be transferred to the Griff Creek diversion.

Griff Creek is also the source of supply for the Alpha Ranger Station hydroelectric plant which is covered by Water Right Certificate 2-822, (Reed 24), for 1.0 second foot. It is evident that the flow of this creek is adequate for the total water demands of the Alpha Ranger Station, the Vanilla Lodge, and the Altaire Campground; but we are not sure that it is adequate for these demands and the needs of the hydroelectric plant. These broad aspects should be fully considered.

Water right funds are not available for construction. However, we may be able to provide the additional funds requested for this project, by the time we obtain your comments on the preceding discussion - in about two weeks.

(SGD) A. E. DEMARAY.
Associate Director.

In duplicate.

cc: Mr. Dunn.
" Neilson.
" Langley.

AVWD/lh

COPY FOR THE DIRECTOR

WR Coy
@

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION FOUR
SAN FRANCISCO, CALIFORNIA
160 New Montgomery Street

April 14, 1948.

MEMORANDUM for the Regional Engineer, Region Four.

Reference is made to Mr. Overly's memorandum from Olympic National Park dated April 5, concerning the water system at Altaire Camp, with Mr. Hauser's sketch of proposed connections to Griff Creek source.

Since elevations are only incompletely available from which hydraulic computations may be made, approximations have been derived as follows:

Certificate 2/822, Deed #21, calls for 1 sec. ft. (not 2 as in Mr. Overly's memorandum), to generate 11 theoretical hydraulic horsepower. This indicates very nearly 100 ft. head, i.e., intake elevation about 1480.

Certificate 2/594, Deed #23, calls for 0.02 sec. ft. (not 0.2 as in Mr. Overly's memorandum). Since this diversion is also at the power diversion, the head available at the junction of the present $1\frac{1}{2}$ " and proposed 2" lines at the Elwha Road near the Utility Area, is probably about 115 ft.

The pressure at this junction should be such that under the maximum draft from the $1\frac{1}{2}$ " line there would still be enough residual pressure to operate the new proposed compound line. This is not the case. The $1\frac{1}{2}$ " line to the utilities could completely rob the campground flow.

The following is recommended to overcome this:

1. Instead of only 2,000 ft. of 2" wood stave pipe line into the campground, all except the last 300 ft. should be 2" wood stave pipe. The last 300 ft. could be $3\frac{1}{4}$ ".
2. Put a pressure reducing valve into the $1\frac{1}{2}$ " utility line just below the junction of the new 2" line. This valve should operate from 50# top pressure to 5# at the outlet. This pressure reducer should have a by-pass, so that in an emergency (fire) it can be by-passed, at which time little if any water would reach the campground.

We have changed the number OLY-6124 on Mr. Hauser's drawing to OLY-5124. The 6-series is for concessioners' drawings, while the 5-series is for engineering drawings. (Administrative Manual Vol. 12, Chap. 3, pp. 10,11).

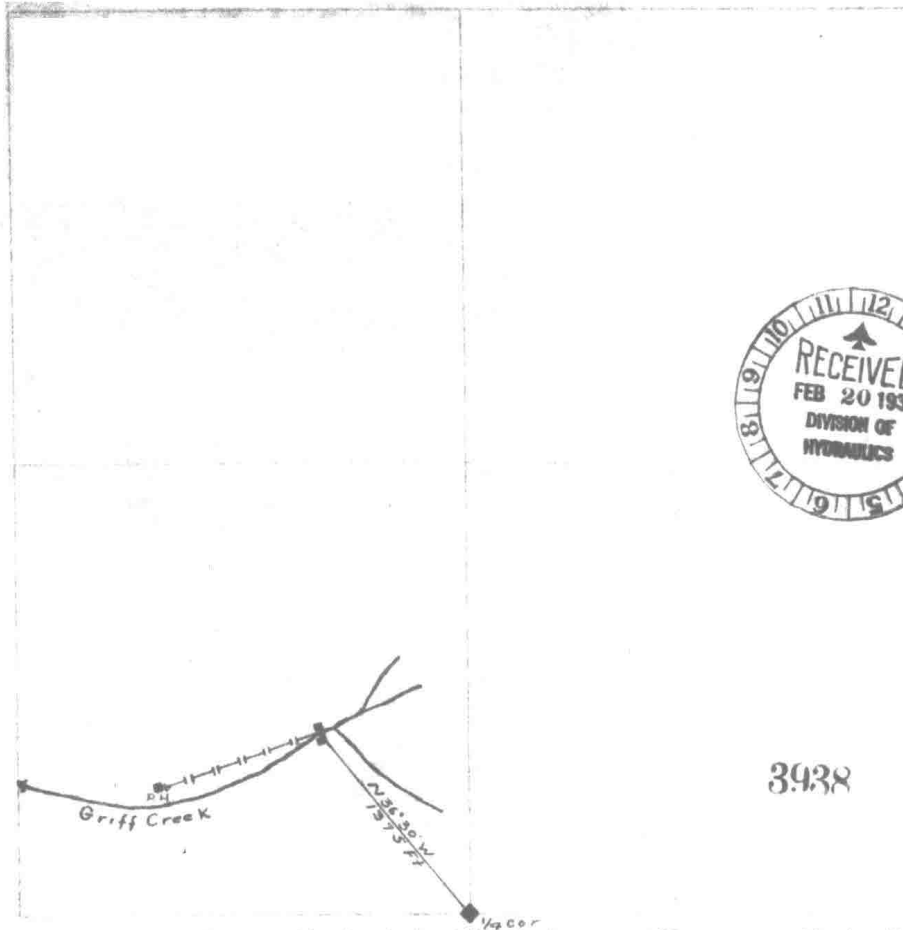


Supt., Olympic.
Director (In duplicate-Mr. Engr. Report).

Leonard L. Hohl,
Engineer.



Sec. 9 Twp. 29 N R. 7 W. W. 4



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Be sure to show distance and bearing of point of diversion from nearest 40-acre corner. Also traveling directions from nearest town on main highway.

Proposed appropriation at Elwha Ranger Station. Drive west eight miles from Port Angeles to Elwha River road. Drive up Elwha River four miles to station. W. H. Ballard is Ranger in charge and will furnish all information inspector may require.

Docket Information

Number of Documents in Docket 19
Documents Dated from 2/20/1934 to 6/7/1948
Docket Compiled: 6/2/2011