



WATER-RIGHT DOCKET

Mount Rainier National Park

Docket No: 6

FROZEN LAKE STORAGE

Preliminary Docket Information

07-06-1943: water right/source docket information

W A T E R D O C K E T I N F O R M A T I O N

A R E A MT. RAINIER N P

DOCKET NO. 6

APPLICATION NO. 5867

PERMIT NO. R-134

~~CERTIFICATE NO.~~ LICENSE 6386

TITLE OF DOCKET FROZEN LAKE STORAGE

PRIORITY 7/6/43

REMARKS: _____

F. No. 349-3-51-75C 27755

1741742

VOL

4 PAGE 805

CERTIFICATE RECORD NO. 13

PAGE NO. 6386

STATE OF WASHINGTON, COUNTY OF

Pierce

CERTIFICATE OF SURFACE WATER RIGHT

(In accordance with the provisions of Chapter 127, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the State Supervisor of Water Resources thereunder.)

This is to certify that **UNITED STATES DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE** of **Longaire**, State of **Washington**, has made proof to the satisfaction of the State Supervisor of Water Resources of Washington, of a right to the use of the waters of **Frozen Lake**, a tributary of **White River**, and impounding structure located with point or points of diversion within the **approximate NE 1/4 of Unsurveyed** Sec. **33**, Twp. **17** N., R. **9 E.**, W. M., under and subject to provisions contained in **and R-134** Appropriation Permit No. **3715** / issued by the State Supervisor 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 State Supervisor of Water Resources of Washington and entered of record in Volume **13**, at Page **6386**, on the **30th** day of **December**, 19**55**, that the priority date of the right hereby confirmed is **July 6, 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 **0.25 of a cubic foot per second under Permit #3715** for the purposes of domestic supply, recreational, industrial and fire protection and **64.0 acre feet under Reservoir Permit #134 to be stored and used for the purposes of domestic supply, recreational, industrial and fire protection.**

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:

Approximate Sections 33, 34, 35 and 36, Township 17 N., Range 9 E.W.M., and NE 1/4 of Section 31, Township 17 N., Range 10 E.W.M., all unsurveyed land except for original boundary of Mt. Rainier National Park as surveyed by General Land Office in 1909.

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.

WITNESS the seal and signature of the State Supervisor of Water Resources affixed this

30th day of **December**, 19**55**.

M. G. Walker
State Supervisor of Water Resources.

1744742 + D

Permit No. 3715 & R-134

Certificate of Surface Water Right

Recorded in the office of State Supervisor
of Water Resources, Olympia, Washington,
in Book No. 13 of Water Right
Certificates, on Page 6386, on

the 20th day of December,
1955.

STATE OF WASHINGTON,

County of St. Louis

I certify that ~~the~~ within was received
and duly recorded by me in Volume _____
of Book of Water Right Certificates, Page

125 on the _____ day of _____, 19____

Mr. John C. Preston
Chief of Water Resources
STATE PRINTING PLANT, OLYMPIA, WASH.
For record, New.

VOL. 4
P. 806

RESERVOIR INSPECTION REPORT

Name of Reservoir Frozen Lake Inspection Date 8-12-56
 Reservoir Permit No. R-134 Plans on file? Yes Purpose domestic, recreational
 Owner U.S. Dept. of Interior Address Longview, Washington
Park Service
 Source of Supply Lodi Springs Tributary of White River
& Natural lake drainage
 Quantity applied for 64 acre-feet Actual capacity 40-60 acre-feet
 Legal sub. Wright Sec. 33 Twp. 17N Rge. 9 E County Pierce
 Watershed area 2 sq. mi. Maximum record flow of stream _____
 Telephone service Nearest phone: 1 1/2 miles below reservoir
 Frequency and extent of inspection patrols _____
 Construction:
 Type of Construction Rubble concrete core, earth fill
 Material used Earth and concrete
 Height 14' Length on bottom 180 Length on top 200
 Slope upstream face 2:1 Slope downstream face 1:1 Freeboard 2'
 Description of foundation conditions Sand and pumice filling depression cut into
andesitic bedrock.
 Type, location and size of outlet 6" iron pipe through middle bottom of dam, ex-
tended to intake.
 Type, location and dimensions of spillway 2' x 2 1/2' concrete spillway at south
end of dam.
 General description of area below possible flood line of dam High alpine
meadows, steep forested hillside, White River Valley. No habitations in flood
line.
 Conditions:
 Barrier good Upstream and downstream faces good
 Valve or outlet structure good Spillway good
 Wave action None Burrowing of animals None Leakage or seepage 0.005 a.f.s.
 Recommended frequency of future inspections 3-5 years
 Comments and recommendations: Small amount of seepage at central toe portion of
dam. Owing to limited drainage area occupied by lake and fact that most of water
is pumped into the reservoir from Lodi Springs, there is little flood danger in
event of dam failure.
 Signed this 14th day of August, 1956

Lee Malenka
 Lee Malenka, Geologist
 Division of Water Resources

Mt Rainier Dec 8

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
DIVISION OF HYDRAULICS

APPLICATION FOR A PERMIT

To Construct a Reservoir and to Store for Beneficial Use the
Unappropriated Waters of the State of Washington

Application No. 5867 Reservoir Permit No. 134
— United States of America, Department of the Interior, National Park Service
IX by John C. Preston, Superintendent of Mount Rainier National Park —, (Name of Applicant)
of Longmire, County of Pierce, State
(Postoffice)
of Washington, do hereby make application for a permit to construct the following
described reservoir and to store the unappropriated waters of the State of Washington subject
to existing rights.

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

1. The name of the proposed reservoir is Frozen Lake
2. The name of the stream from which the reservoir to be filled and the appropriation
— A. - Lodi Spring — West Fork of White River —
made is B. - Natural Lake drainage tributary of White River
3. The amount of water to be stored is 64.0 acre-feet.
4. The use to be made of the impounded water is domestic, recreational,
industrial and fire protection, (Irrigation, power, domestic, etc.)
and as more fully set forth in Appropriation Permit No. 3715
5. Give legal subdivision of lands in which submerged area is located in approximate
N $\frac{1}{2}$ of NE $\frac{1}{4}$ of Section 33, Twp. 17 N., Rge. 9 E.W.M. (unsurveyed),

(a) If situated in stream channel give character of material at outlet Impervious
hard-pan with light overlay of sand and pumice

(b) If not in stream channel, state how reservoir is to be filled. If through a feed canal,
give name and dimensions — Some storage from melting snow and springs in the
natural lake, but major supply will be pumped from Lodi Spring. Present
installation consists of 6" steel pipe and 1-100 gpm and 1-300 gpm pump

6. The impounding dam will be located in approximate NE $\frac{1}{4}$ of NE $\frac{1}{4}$
(Give legal subdivision)
(unsurveyed)
Sec. 33, Tp. 17 N., R. 9 E. W. M. County Pierce

(No. N. or S.) (No. E. or W.)
It will be 19 feet in height, having a length on top of 350

feet; length on bottom 350 feet; width on top 6 feet;
 slope of front or water side 3:1; slope on back 2:1;
(. . Feet horizontal to 1 vertical) (. . Feet horizontal to 1 vertical)
 height of dam above water line when full 2 feet.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Rubble masonry core backfilled with excavation from bed of the lake. The natural fill has not needed paving during the past 11 years.

8. The location of waste way with dimensions is as follows: Over south end of dam
(State whether over or around the dam)
end has 2' x 2' cross-section or equivalent with flat grade. Due to limited drainage area above dam there is no flood danger.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, is as follows: 6" cast iron pipe through the dam with 6" wood stave
(State whether through or around the proposed dam)
pipe, anchored in concrete and extending to intake.

10. The area submerged by the proposed reservoir, when full, will be 5.6 acres, with a maximum depth of water of 18 feet, and approximate mean depth of water 11.4 feet.

11. The estimated cost of the proposed work is \$ 12,600

12. Construction work will begin on or before _____

13. Construction work will be completed on or before _____

Duplicate maps of the proposed reservoir and storage works, prepared in accordance with the rules of the State Supervisor of Hydraulics accompany this application.

United States of America
(Name of Applicant)

By John C. Preston

Superintendent of Mount Rainier National Park

Signed in the presence of us as witnesses:

(Name)

(Address of Witness)

Remarks: The outlet passes through dam somewhat higher than intake but siphon action has been successful to drain full storage in pass.

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.

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

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions:.....

The right hereunder shall be limited to the storage of — 64.0 — *acre-feet.*

The priority date of this permit is — July 6, 1943 —

Actual construction work shall begin on or before — Already started —

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

WITNESS my hand this — 25th — *day of* — October —, 1943 —

/s/ J. F. R. Appleby.
Assistant State Supervisor of Hydraulics.

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

- 1st. Affidavit of Publication of notice of water right application.
- 2nd. Notice of beginning of construction.
- 3rd. Notice of prosecution of work with diligence.
- 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 the State Supervisor of Hydraulics.)

Application No. 5867

Reservoir Permit No. 134

PERMIT

To Construct a Reservoir and Store for
Beneficial Use the Unappropriated
Waters of the State of
Washington

Filed by Mount Rainier National Park
John C. Frost, Supel

County of Pierce

This instrument was first received in the
office of the State Supervisor of Hydraul-
ics, Olympia, Washington, on the 6th
day of July, 19 43,
at 10:30 o'clock A. M.

Returned to applicant for correction

Corrected Application received

Approved October 25, 1943

Recorded in Book No. 1 of

Reservoir Permits, on Page 124

J. F. R. APLEBY
Asst. State Supervisor of Hydraulics.

JAY TROWER, PUBLIC PRINTER

AFFIDAVIT OF PUBLICATION

No.

STATE OF WASHINGTON }
COUNTY OF PIERCE } ss.

NOTICE OF WATER RIGHT APPLICATIONS NOS. 5864, 5865, 5866, 5867, 5875 AND 5876.

State of Washington, Office of Supervisor of Hydraulics, Olympia

TO WHOM IT MAY CONCERN:

Notice is hereby given that the United States of America, Department of the Interior, National Park Service, by John C. Preston, Superintendent of Mount Rainier National Park at Longmire, Washington has filed, under date of July 6, 1943, applications for permits to appropriate and store, subject to existing rights, public waters in Pierce County for domestic supply, recreational, industrial use and fire protection, as follows:

Application No. 5864 for appropriation of 1.0 second-foot from Lodi Spring, tributary of West Fork of White River, the point of diversion to be within the approximate NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 23, Twp. 17 N., Rge. 9 E. W. M. (unsurveyed);

Application No. 5865 for appropriation of 0.95 second-feet of water from unnamed springs, tributary to Tipsoo Lake and Ohanapecosh River, the point of diversion to be within the approximate NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 23, Twp. 16 N., Rge. 10 E. W. M. (unsurveyed);

Application No. 5866 for appropriation of 0.25 second-feet of water from Frozen Lake, to be diverted within the approximate NE $\frac{1}{4}$ of Sec. 33, Twp. 17 N., Rge. 10 E. W. M. (unsurveyed);

Application No. 5867 to construct a reservoir and store for beneficial use 64 acre-feet of water in Frozen Lake reservoir, the impounding dam to be located within the approximate NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 33, Twp. 17 N., Rge. 9 E. W. M. (unsurveyed);

Application No. 5875 for appropriation of 0.03 second-feet of the waters of Shadow Lake Outlet, a tributary of White River, the point of diversion to be within the approximate SW $\frac{1}{4}$ of Sec. 2, Twp. 16 N., Rge. 9 E. W. M. (unsurveyed); and

Application No. 5876 for appropriation of 0.2 second-feet of the waters of Klickitat Creek, tributary to the White River, the point of diversion to be within the approximate SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 3, Twp. 16 N., Rge. 10 E. W. M. (unsurveyed).

Maps showing the locations and plans of said diversions, storage and 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 August 17, 1943.

Witness my hand and official seal this 27th day of July, 1943.

CHAS. J. BARTHOLET,
(Seal) State Supervisor of Hydraulics,
August 10, 17

J. D. OGDEN, being first duly sworn on oath deposes and says: that he is the Business Manager and Publisher of the

"TACOMA DAILY INDEX"

a daily legal newspaper. That said newspaper is a legal newspaper, which, pursuant to the provisions of Chapter 213 of the 1941 Session Laws of the State of Washington, has been approved as a legal newspaper by order of the Superior Court of the State of Washington in and for Pierce County, entered on June 12, 1941, in Cause No. 84921, entitled "In the matter of the application and qualification of Tacoma Daily Index as a legal newspaper." That said newspaper has been published regularly and continually, at least once a week, in the English language, as a newspaper of general circulation in the city of Tacoma, Pierce County, Washington, the city where the same was published at the time of said application for approval, for at least six months prior to the date of such application, and it is now and during all of said time was so printed, either in whole or in part, in an office maintained at the aforesaid place of publication, and the same is now and ever since said date has been so published. That the

Notice of Water Right Applications
No. 5864 5865 5866 5867 5875 5876
of which the attached is a printed copy as published, was published in

said newspaper once each week for *two* weeks, successively, to-wit: on

the *8th* day of *August*, 19*43*

the *17th* day of *August*, 19*43*

the _____ day of _____, 19____

the _____ day of _____, 19____

the _____ day of _____, 19____

the _____ day of _____, 19____

the _____ day of _____, 19____

the _____ day of _____, 19____

the _____ day of _____, 19____

the _____ day of _____, 19____

That said newspaper was generally circulated all of said time, and that said advertisement was published in the newspaper proper and not in supplement form.

Subscribed and sworn to before me this *18th* day of *Aug*, 19*43*

Victor J. Healey
Notary Public in and for the State of Washington,
Residing at Tacoma, Pierce County, Washington.

2/ **AFFIDAVIT OF PUBLICATION**

No.

STATE OF WASHINGTON } ss.
COUNTY OF PIERCE

NOTICE OF WATER RIGHT APPLICATIONS NOS. 5864, 5865, 5866, 5867, 5875 AND 5876.

State of Washington, Office of Supervisor of Hydraulics, Olympia

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Maps showing the locations and plans of said diversions, storage and 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 August 17, 1943.

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August 10, 17
State Supervisor of Hydraulics.

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Notice of Water Right Applications
Nos 5864 5865 5866 5867 5875 5876
of which the attached is a printed copy as published, was published in

said newspaper once each week for *two* weeks, successively, to-wit: on

the *8th* day of *August*, 19*43*

the *17th* day of *August*, 19*43*

the _____ day of _____, 19____

the _____ day of _____, 19____

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the _____ day of _____, 19____

the _____ day of _____, 19____

That said newspaper was generally circulated all of said time, and that said advertisement was published in the newspaper proper and not in supplement form.

Subscribed and sworn to before me this *18th* day of

Aug, 19*43*

Victor J. Healey
Notary Public in and for the State of Washington,
Residing at Tacoma, Pierce County, Washington.

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
DIVISION OF HYDRAULICS

APPLICATION FOR A PERMIT

**To Construct a Reservoir and to Store for Beneficial Use the
Unappropriated Waters of the State of Washington**

Application No. 5867 Reservoir Permit No. _____
United States of America, Department of the Interior, National Park Service,
 I, **by John C. Preston, Superintendent of Mount Rainier National Park**,
(Name of Applicant)
 of Longmire, County of Pierce, State
(Postoffice)
 of Washington, do hereby make application for a permit to construct the following
 described reservoir and to store the unappropriated waters of the State of Washington subject
 to existing rights.

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

1. The name of the proposed reservoir is Frozen Lake.
2. The name of the stream from which the reservoir is to be filled and the appropriation
A- Lodi Spring West Fork of White River
 made is B- Natural Lake drainage tributary of White River
3. The amount of water to be stored is 64 acre-feet.
4. The use to be made of the impounded water is domestic, recreational, industrial,
and fire protection,
(Irrigation, power, domestic, etc.)
 and as more fully set forth in Appropriation Permit No. _____
5. Give legal subdivision of lands in which submerged area is located N $\frac{1}{2}$ NE $\frac{1}{4}$ Section 33,
T. 17 N., R. 9 E., W. M. (unsurveyed).

(a) If situated in stream channel give character of material at outlet Impervious
hard-pan with light overlay of sand and pumice.

(b) If not in stream channel, state how reservoir is to be filled. If through a feed canal,
 give name and dimensions Some storage from melting snow and springs in the natural
lake, but major supply will be pumped from Lodi Spring. Present installation con-
sists of 6" steel pipe and 1 - 100 gpm and 1 - 300 gpm pump.

6. The impounding dam will be located in NE $\frac{1}{4}$ NE $\frac{1}{4}$ (unsurveyed)
(Give legal subdivision)

Sec. 33, Tp. 17 N, R. 9 E W. M. County Pierce
(No. N. or S.) (No. E. or W.)

It will be 19 feet in height, having a length on top of 350

height; length on bottom 350 feet; width on top 6 feet;
 slope of front or water side 3:1; slope on back 2:1;
(...Feet horizontal to 1 vertical) (...Feet horizontal to 1 vertical)
 height of dam above water line when full 2 feet.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Rubble masonry core backfilled with excavation from bed of the lake. The natural fill has not needed paving during the past 11 years.

8. The location of waste way with dimensions is as follows: Over south end of dam
(State whether over or around the dam)
and has 2'x2' cross-section or equivalent with flat grade. Due to limited drainage area above dam there is no flood danger.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, is as follows: 6" cast iron pipe through the dam with 6" wood stave pipe,
(State whether through or around the proposed dam)
anchored in concrete and extending to intake.

10. The area submerged by the proposed reservoir, when full, will be 5.6 acres, with a maximum depth of water of 18 feet, and approximate mean depth of water 11.4 feet.

11. The estimated cost of the proposed work is \$ 12,600.

12. Construction work will begin on or before July 1930.

13. Construction work will be completed on or before 1932.

Duplicate maps of the proposed reservoir and storage works, prepared in accordance with the rules of the State Supervisor of Hydraulics accompany this application.

United States of America
(Name of Applicant)

by /s/ John C. Preston

Superintendent of Mount Rainier National Park.

Signed in the presence of us as witnesses:

<u>/s/ O. W. Carlson</u>	<u>Longmire, Wash.</u>
(Name)	(Address of Witness)
<u>/s/ L. A. Boyer</u>	<u>Longmire, Wash.</u>

Remarks: The outlet passes through dam somewhat higher than intake but siphon action has been successful to drain full storage in pass.

Two applications to appropriate waters of the West Fork and Main White River, respectively, accompany this application. The two branches of White River do not unite for some miles beyond the park boundary.

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.

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

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions:.....

.....
.....
.....
.....
.....
.....

The right hereunder shall be limited to the storage of.....acre-feet.

The priority date of this permit is.....

Actual construction work shall begin on or before.....

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

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

.....
State Supervisor of Hydraulics.

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

- 1st. Affidavit of Publication of notice of water right application.
- 2nd. Notice of beginning of construction.
- 3rd. Notice of prosecution of work with diligence.
- 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 the State Supervisor of Hydraulics.)

Application No. _____

Reservoir Permit No. _____

PERMIT

To Construct a Reservoir and Store for
Beneficial Use the Unappropriated
Waters of the State of
Washington

Filed by _____

County of _____

This instrument was first received in the
office of the State Supervisor of Hydran-
lics, Olympia, Washington, on the _____
day of _____, 19_____,
at _____ o'clock _____ M.

Returned to applicant for correction _____

Corrected Application received _____

Approved _____

Recorded in Book No. _____ of
Reservoir Permits, on Page _____

State Supervisor of Hydraulics.

JAY THOMAS, PUBLIC PRINTER

Park or Monument Mt. Rainier N.P. (D)		TABULATION OF DATA FOR STUDY OF WATER RIGHTS							National Park Service Office of the Chief Engineer San Francisco, Calif.	
Sheet 1 of 4										
General Name of Water System	-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	Place, Amount and Condition of Return. Is there Pollution?		
1. Bangmire	Sec. 28, 29, 32, 33 T15N, R8E	Gold Creek	Sec. 33 T15N, R8E	Headquarters buildings, utility area, residences, camp ground	Domestic, Sanitary, fire protection	Dam, Pipe line	Sec. 1	1/2 mile below Longmire, 94% No Pollution, 2 to 3 miles N. of Longmire		
2. Longmire Operator	Sec. 28, 29, 32, 33 T15N, R8E	Creek tributary to Nisqually River	Sec. 27 T15N, R8E	Inn cabins and operators utilities	Domestic, Sanitary, fire protection	Dam, Pipe line	Fair	1/2 mile below Longmire, 100% No Pollution, 2 to 3 miles N. of Longmire		
3. Rock Crusher	Sec. 28 T15N, R8E	Nisqually River	Sec. 28 T15N, R8E	Rock crusher	Industrial	Pump and Pipe line	Good	1/2 mile below Longmire, 100% No Pollution, 2 to 3 miles N. of Longmire		
4. Paradise	Paradise Valley	Edith Creek		Operator, Govt. Bldgs, camp ground	Domestic, Sanitary, fire protection	Dam and pipe lines	Fair	1/2 mile below Longmire, 95% No Pollution, 2 to 3 miles N. of Longmire		
5. Yakima Park	Yakima Park	Lodi Creek & Faxon Lake	Berkeley Park	Operator, Govt. Bldgs, camp ground	Domestic, Sanitary, fire protection	Dam, pump, Pipe line	Good	1/2 mile below Longmire, 95% No Pollution, 2 to 3 miles N. of Longmire		
6. White River Entrance	White River	Klickitat Cr.		Govt. buildings	Domestic, Sanitary, fire protection	Dam, pipe line	Good	1/2 mile below Longmire, 95% No Pollution, 2 to 3 miles N. of Longmire		
7. Tipsoo Lake (Proposed)	Tipsoo Lake	Springs trib. to Chinook Cr.		Picnic area, cotton fort, station, from ranger sta.	Domestic, Sanitary, fire protection	Collecting house, Pipe line	Good	1/2 mile below Longmire, 95% No Pollution, 2 to 3 miles N. of Longmire		
8. Nisqually Entrance	Sec. 24 T15N, R7E	2 creeks trib. to Nisqually Riv.	Sec. 24 T15N, R7E	Government buildings	Sanitary	2 Dams, pipe lines	Good	1/2 mile below Longmire, 100% No Pollution, 2 to 3 miles N. of Longmire		
9. Lake George	Lake George	Lake George		Ranger station	Domestic	Dipped		1/2 mile below Longmire, 100% No Pollution, 2 to 3 miles N. of Longmire		
10. St. Andrews Cr.	St. Andrews Cr.	St. Andrews Cr.		Patrol cabin	Domestic	Dipped		1/2 mile below Longmire, 100% No Pollution, 2 to 3 miles N. of Longmire		
11. Sunset Park	Sunset Park	Lake trib. to Mowich Riv.		Patrol cabin	Domestic	Dipped		1/2 mile below Longmire, 100% No Pollution, 2 to 3 miles N. of Longmire		
12. Mowich Entrance (Proposed)	Sunset Park	Creek trib. to Mowich Riv.		Maint. Camp and Camp Ground	Domestic	Pipe line		1/2 mile below Longmire, 94% No Pollution, 2 to 3 miles N. of Longmire		
13. Mowich Lake	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		1/2 mile below Longmire, 95% No Pollution, 2 to 3 miles N. of Longmire		
13a. Mowich Lake (Proposed)	Sec. 25 T17N, R7E	Mowich Lake	Sec. 25 T17N, R7E	Ranger Station	Domestic	Dipped		1/2 mile below Longmire, 100% No Pollution, 2 to 3 miles N. of Longmire		
	Sec. 25 T17N, R7E	Creek Trib to Mowich Riv.	Sec. 25 T17N, R7E	Ranger station, Camp Ground	Domestic	Dam and pipe line		1/2 mile below Longmire, 95% No Pollution, 2 to 3 miles N. of Longmire		
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.										

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.

Refer to Docket No. MORA-0001 Laughingwater Pipeline for a complete inventory of all existing water uses/rights/systems in Mount Rainier National Park as of May 1935.

Other Supporting Information

file - left side Dockets 6 & 7

COPY

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
335 General Administration
Bldg.
Olympia

January 13, 1958

Mr. A. van V. Dunn
Chief, Water Resources Section
National Park Service
Washington 25, D. C.

Re: Permits ~~3-134~~ and 3715
Mt. Rainier National Park

Dear Sir:

Receipt is acknowledged of your letter of January 6 relative to subject permits. Please be advised that final certificate of water #6386 was issued December 30, 1955 and mailed to the Pierce County Auditor with instructions to forward it to Mr. John C. Preston, Superintendent of Mt. Rainier National Park at Longmire, Washington. No doubt the certificate will be found in Mr. Preston's files.

Yours very truly,

DEPARTMENT OF CONSERVATION

EARL COE, DIRECTOR

/s/ Robert H. Russell, Asst. Supervisor
Division of Water Resources

154-1

Docket 6
make copy for
Docket 7

January 6, 1958

Mr. Robert H. Russell
Assistant Supervisor
Division of Water Resources
Department of Conservation
335 General Administration Building
Olympia, Washington

Re: Permits ~~R-134~~ and 3715
Mt. Rainier National Park

Dear Mr. Russell:

Since receipt of your letter of December 17, 1957, I have searched all properly applicable files, and have been unable to find Certificate No. 6386 which you report as having been issued on December 30, 1955, under the subject permits, or any letter of transmittal. It is possible, of course, that the certificate was sent to the Park Superintendent, but we note that the report of inspection of the dam under Permit R-134, dated August 14, 1956, was sent to this office by letter of the same date.

With copy of this letter to the Superintendent, we are asking him to check his files. However, if your records show that the certificate was sent to the Director, in this office, it seems possible that it was lost in the holiday mails. In that case, we shall appreciate a new copy.

Sincerely yours,

A. van V. Dunn
Chief, Water Resources Section

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

mit Rainier
H 3

COPY

STATE OF WASHINGTON
Department of Conservation
Earl Coe, 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, 1955. 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/

Yours very truly,

DEPARTMENT OF CONSERVATION

EARL COE, Director

/s/ Robert H. Russell

ROBERT H. RUSSELL, Asst. Supervisor
Division of Water Resources

MOUNT RAINIER WATER RIGHT DOCKETS

December 6, 1957

Dockets now distributed to Region, Superintendent and WDC

Docket No.	Permit No.	Water System	Drainage System	Drawing No.	Time for Next Action	Remarks
1	3709	Laughing Water Pipeline	Chanapecosh	6978	10/1/60	
5	3714	Tipsoo Lake Pipeline	Chanapecosh	6985	10/1/60	
8	3716	Shadow Lake Outlet Pipeline	White River	6984	10/1/60	
9	3717	Clickitat Pipeline	White River	6984	10/1/60	
12	3813	Misqually Entrance Water System	Misqually River	6983	10/1/60	

Dockets now distributed to Region and Superintendent, and of which copies are being sent to WDC

2	3710	Clinic Pipeline	Chanapecosh River	6978	10/1/61	Ext. of time in WDC docket
3	3711	Spring 6 Pipeline	Chanapecosh River	6978	10/1/61	
4	3713	Lodi Spring Pipeline	White River	6984	10/1/60	
6	R-134	Frozen Lake Storage	White River	6984		(Report of inspection distributed 8/23/57)
7	3715	Frozen Lake Diversion	White River	6984		See Dam's letter 10/4/58 to Supervisor
10	3768	Carbon River Entrance Pipeline	Carbon River	6986	10/1/61	Ext. of time distributed with new of 10/6/58
11	3769	Ipsut Creek Pipeline	Carbon River	6986	10/1/61	
13	3814	Tahoma Vista	Misqually River	6983	10/1/61	Ext. of time in WDC docket
14	Certificate No. 208	Longview Water System	Misqually River	6983		None unless system changes
15	211	Paradise Hydroelectric System	Misqually River	6983		
16	209	Paradise Hydroelectric System	Misqually River	6983		
17	2081	Paradise Hydroelectric System	Misqually River	6983		
18	210	Paradise Water System	Misqually River	6983		
19	Permit No. 3815	Paradise Water System	Misqually River	6983	10/1/61	(Permit floor)

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 3613, 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, WOOD

August 23, 1956

RECEIVED
NPS, REGION FOUR OFFICE

AUG 27 1956

	SURNAME	DATE
REG. DIR.		
ASST. R.D.		
✓ OPERATIONS	Johnston	9/28
ADMIN.		
COOP. ACT.		
INTERP.		
REGAL		
✓ White		
✓ Lundy	BFA	8/2
Denny		
Minier		

Copy to: Superintendent, with original of report
Western Office of Design and Construction, with copy of report

COPY

STATE OF WASHINGTON
Department of Conservation and Development
General Office Building
Olympia, Wash.

August 16, 1956

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

Dear Sir: Re: Permit #R-134

We are enclosing herewith a copy of Reservoir Inspection Report prepared after examining the above numbered permit.

Yours very truly,

DIVISION OF WATER RESOURCES

/s/ Dee Molenaar

Dee Molenaar
Geologist



ARTHUR B. LANGLEIE
GOVERNOR

STATE OF WASHINGTON

Department of Conservation and Development

W. A. GALBRAITH, DIRECTOR

TRANSPORTATION BUILDING
OLYMPIA

RECEIVED

JAN 23 1956

December 30, 1955

ROSEMARY GALBRAITH

*Mt Rainier
Docket 6*

DIVISIONS:

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

County Auditor
Pierce County
Tacoma, Wash.

Dear Sir:

Enclosed is Certificate of Water Right No. 6386
and a check or money order in the amount of
\$ 1.25 to cover the cost of recording in your
office.

When this has been done, please forward the cer-
tificate to:

Mr. John C. Preston, Superintendent
Mount Rainier National Park
Longvire, Wash.

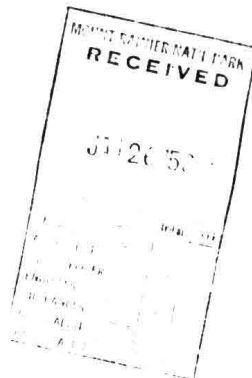
Yours very truly,

DIVISION OF WATER RESOURCES

M. G. Walker

M. G. WALKER
Supervisor

MGW:js
Enc.



Mr. Dunn.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WATER RIGHTS SECTION
SAN FRANCISCO, CALIF.
601 Sheldon Building

January 3, 1944.

MEMORANDUM for the Director.

The enclosed Comments on Applications to Appropriate Waters of White River, and on Water Claim for Tipsoo Lake, at Mount Rainier are purely for record purposes. The applications and permits will be submitted within a few days. The water right instruments, when received, will go in the deed folders Nos. 6-11 inclusive, for that Park.

A. van V. Dunn,
Hydraulic Engineer.

Enclosure 342.

cc: Region Four, with enclosure.
Mt. Rainier, with enclosure.

Comments on Applications to Appropriate Waters of White River

Yakima Park Pipe Line

1. Water Rights Section does not have profile of Yakima Park Pipe Line, but by elevations of headgate and main line above Lodge, and also by quantity of water used, as described in Drysdale report of March 20, 1935, the grade of 2.1 ft. per 1000 ft. is checked very closely.

2. If above grade is correct no more than 0.25 sec. ft. of water can be conveyed and used until a larger pipe is installed. A 10" or 12" main is needed for probable ultimate demand.

3. Dunn and Drysdale agree fairly closely in ultimate water demand of close to 1.00 sec. ft., and the present application is for 0.25 sec. ft. from Frozen Lake and 1.00 sec. ft. from Lodi Spring which is great enough to permit some unforeseen increase in rate of demand. Exact flow from Frozen lake seems to be unknown but about 0.22 sec. ft. from Drysdale report.

4. Claim is made for right to extend system to serve Sunrise Point as a precaution. This does not make the Sunrise Point development obligatory.

White River Entrance Pipe Line

1. Data on this line is very meager, but since there are no conflicting claims within several miles the description in the application should be ample if there are no errors which would be evident to the rather casual observation of a representative of the State Engineer.

2. The claim for 0.2 sec. ft., which cannot be perfected until the pipe line is enlarged, is based on Drysdale's report, and is probably large, but not excessive for the purpose of the appropriation.

White River Campground Pipe Line

1. The present system is described. It may be that a higher diversion and larger pipe may be wanted for fire protection later. This would only mean a change in point of diversion if no more than 20,000 gpd is used.

2. The claim for 0.03 sec. ft. (about 20,000 gpd) is ample in the eyes of Waterhouse, Dunn, and 50% more than Drysdale's estimate. The increase is based on master plan suggestion to try to draw attendance from the campgrounds at Yakima Park area.

Lodi Spring Pipe Line

1. Apparently 0.88 sec. ft. will have to be pumped from Lodi Spring if the Yakima Park demand reaches the estimated 1.10 sec. ft. This amounts to 394 gpm continuously for 24 hours. The two installed pumps have a capacity of 400 gpm which is just sufficient. The velocity in the pipe line will be about 4.5 ft. per second which is also satisfactory.

2. The weak points in the present installation are:

- A. There can be no shut-down for repair or maintenance.
- B. If larger pump units are installed to deliver the required quantity, the velocity in the pipe will become excessive, as follows:

12 hr. pump at 800 gpm - velocity about 9 ft. per sec.
8 hr. pump at 1200 gpm - velocity about 13 ft. per sec.

A larger pipe can be anticipated.

3. A redeeming feature is that the maximum demand will not be needed for more than a short period of each season. The storage capacity of Frozen Lake would provide for the maximum demand for about 2 weeks. Therefore, by filling the lake during the months of May and June at the rate of about 300 gpm during 8 hours of each day will probably permit the continued use of present installation.

4. Nothing in the application suggests pumping during spring floods when water is most abundant because there is no need to tie the park down to use of flood flow if not necessary. However, the system does permit use of flood flow if necessary and if such flood season comes after power house and pump site become accessible in spring.

Frozen Lake Storage Study

1. The Water Rights Section has topography of the lake before it was partially dredged to provide fill for the dam. This shows storage of only 74 acre feet, or 24,300,000 gallons, while old records show a capacity of 28,000,000 gallons. The map to accompany the application has been modified to show dredging along north side of lake to provide the necessary fill. This excavation, whether from there or some other part of the lake, increases the storage to 76 acre feet, or 24,800,000 gallons -- still below the park records. All of these quantities are based on spillway elevation at the crest of the dam (6725), and outlet at natural ground level at intake (6705). Actually, the spillway seems to be about 2 feet lower, giving a

capacity of 64 acre feet. In order to make maps and claims consistent, the 64 acre foot value is used. Since no other records will probably be available the result will be a right to store to within 2 feet of dam crest regardless of the exact quantity. This should be satisfactory.

2. The intake of the dam is apparently approximately at elevation 6705, but from drawing R-4833, presumably as constructed, the outlet goes through the dam at about elevation 6707. Mr. Waterhouse seems to feel that there has been evidence of syphon action in the past to drain full storage, but it may be questioned by the State Supervisor of Hydraulics. We should be ready to justify the claim or reduce the quantity if necessary. As an alternate we can claim that it is planned to alter dam outlet to provide diversion of full storage before proof of full use is required.

3. Because the lake is both a direct source of supply and a storage reservoir, we have designated the 6-inch outlet as diversion works as far as the control valves and distribution pipe therefrom.

Comments on Water Claim for Tipsoo Lake

1. Spring flow varies between 10 gpm (0.0223 sec. ft.) and 100 gpm (0.223 sec. ft.). Although Drysdale report estimates ultimate need at 0.1 sec. ft. (64,632 gpd), Dunn and Waterhouse question availability of more than 0.05 sec. ft. at time of maximum need. This quantity (32,316 gallons per day) will serve the following:

1 caretaker's quarters (family of 3) -	350 gpd
1278 picnickers @ 25 gpd each -	<u>31,950 "</u>

Total	32,300 gpd
-------	------------

A 100,000 gallon reservoir would permit a 3-day use by double this population and provide better fire protection.

2. The same source is figured as ultimate supply for a winter sports area at Cayenne Pass. With the same 100,000 gallon storage, since no use would be made at Tipsoo Lake in winter, the supply will provide a 2-day lodge area use of:

500 people over night at hotel at 200 gpd each -	20,000 gal.
5,785 people 1 day each at 25 gpd -	<u>144,625 "</u>

Total	164,625 gal.
-------	--------------

3. The application for appropriation of water is for 0.05 sec. ft. on basis of these figures.

C O P Y

Mt Rainier
Seed 8

State of Washington
Department of Conservation and Development

October 25, 1943.

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

Dear Sir:

Enclosed are the following permits issued for the
appropriation and storage of water:

<u>Permit No.</u>	<u>Appli. No.</u>
✓3713	5864
✓3714	✓5865
✓3715	5866
✓3716	5875
✓3717	5876
✓3718	5887

As the construction has already been started on
each of these projects it will not be necessary to file
notices of beginning of construction, and as you do not
intend to complete construction for many years, we are
not sending forms for notices of completion of construction
at this time, but we should be notified when the work has
been finished. NB

Provisions for completion, as to time, will be
found on the second pages of these permits. It is nec-
essary for us to indicate a definite date, but the time
can be extended, upon request, if it is not found possible
to complete the projects within the time specified.

Yours very truly,

CHAS. J. BARTHOLET
Supervisor of Hydraulics

By /s/ G. Callahan
Secretary.

S. F. No. 1912-10-41-25C. 23528.

STATE OF WASHINGTON

Cash Receipt

Department of Conservation and Development

N^o 24680

Olympia, Wash., Oct. 7 3, 1943

RECEIVED FROM U.S. National Park Service San Francisco
fifty-two 207.10 DOLLARS 52To be placed to General Fund ☒ Reclamation Revolving Fund
the credit of: Trust FundWater CodeFiling & recording permit
applications 5864, 5865
5856, 5857 + 5875 + 5876

ED DAVIS, Director

By M. Stuck

ORIGINAL

~~Mr. Dunn~~

601 Sheldon Building

September 27, 1943.

State Supervisor of Hydraulics,
Olympia, Washington.

Re: Applications Nos. 5864, 5865, 5866, ~~5867~~,
5875, and 5876.

Dear Sir:

Reference is made to your letter of September 24, 1943, with regard to payments of fees on the above applications.

It happens that our funds for the 1944 fiscal year, starting July 1, 1943, did not clear the Treasury until this month, and for some reason the voucher you signed on July 6 had not been set up as an obligation on the preceding year's books. I find that the accounting office has had to hold up payment on several vouchers for that reason, but the voucher definitely went through for payment last week and I am sure you will receive your money in a few days if not ahead of this letter. Any other voucher which you may receive and return to arrive here before the end of business on June 30, 1944, is now also assured of prompt payment, and we hope the unusual experience of the past few months will not be repeated another year.

It happens that we have van dykes of all tracings mentioned in the same letter, so that we do not need any but that for the dam as you suggest. However, a photostat negative of the print which you are to return may, or may not, give the reproductions we want. It also costs at least as much as a van dyke from you. Hence, we are returning an order for the second sheet of the drawing NP-RAI-6984.

We have also sent you, through the Superintendent of Mount Rainier, applications and map to appropriate waters in the Carbon River drainage of the park. In that case, we did not make a negative of the tracing NP-RAI-6986. Therefore, please fill the order that will be requested by Superintendent Preston. If you wish, you can hold the enclosed voucher until the receipt of this new application, and make both prints at once and include their charge on the one voucher.

Yours very truly,

A. van V. Dunn,
Hydraulic Engineer.

Enclosure 328.



HUR B. LANGLIE
GOVERNOR

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
ED DAVIS, DIRECTOR
TRANSPORTATION BUILDING
OLYMPIA

SEP 27 1943

5 @ 9/27
DIVISIONS:
GEOLOGY
FORESTRY
RECLAMATION
FLOOD CONTROL
WATER RESOURCES
MINES AND MINING
COLUMBIA BASIN PROJECT

September 24, 1943.

Mr. A. van V. Dunn
Hydraulic Engineer
National Park Service
601 Sheldon Building
San Francisco, California

Dear Mr. Dunn:

Replying to your letter of September 21, concerning Applications Nos. 5864, 5865, 5866, ~~5867~~, 5875 and 5876:

We have signed and are returning, herewith, voucher in the amount of \$52.00 to cover filing and recording fees for permits under the above numbered applications. However, we call your attention to the fact that we have not yet received a check to cover the examination fees for these applications, although vouchers for Nos. 5864, 5865, 5866 and 5867 were signed and returned on July 6th and for the other two applications on July 22nd, and we should at least have these fees before we issue permits.

The maps which accompanied the applications are filed with the applications and therefore have the same file numbers. We do not make any notations on the maps regarding acceptance or approval, with the exception of maps showing plans for reservoirs, which is the case in regard to Reservoir Application No. 5867 for Frozen Lake storage. The charge for approval on this was \$5.00 and was included in the voucher returned to you on July 22. As soon as the check for this is received, we will note approval on one of the maps sent us and return it to you for your records and a duplicate will be kept for our files. We are therefore returning the unused voucher you sent us to cover costs of Van dyke negatives.

Yours very truly

CHAS. J. BARTHOLET
Supervisor of Hydraulics

By *G. Stollman*
Secretary.

G.H.

~~Mr. Dunn.~~

5

601 Sheldon Building

September 21, 1943.

State Supervisor of Hydraulics,
Olympia, Washington.

Re: Applications Nos. 5864, 5865, 5866,
~~5867~~ 5875, and 5876.

Dear Sir:

In compliance with your letter and statement of September 18, 1943, we enclose a voucher for \$52.00 to cover fees for filing and recording the permits under the above numbered water right applications. If you will sign at the point indicated by pencil cross, and return, we will see that payment is promptly made.

We have also filed a map in connection with these applications, and one in connection with Applications Nos. 5788, 5789, and 5790 for claims in the Okanogan drainage, all at Mount Rainier National Park. We assume that on receipt you add certain notations with regard to file numbers, date of receipt, acceptance or approval. If such is the case, we should like to obtain a van dyke negative of each when all notations are made. We enclose a second voucher to cover such costs and request that you sign and return it for payment with the negatives.

To the extent that this duplicates any similar requests by the Superintendent of Mount Rainier, his requests may be cancelled, or this request may be cancelled to the extent you have already filled his order.

Yours very truly,

A. van V. Dunn,
Hydraulic Engineer.

Enclosure 323.

cc: Supt., Mt. Rainier Nat. Park.



ARTHUR B. LANGLEIE
GOVERNOR

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
ED DAVIS, DIRECTOR
TRANSPORTATION BUILDING
OLYMPIA

SEP 20 1943

DIVISIONS:
GEOLOGY
FORESTRY
RECLAMATION
FLOOD CONTROL
WATER RESOURCES
MINES AND MINING
COLUMBIA BASIN PROJECT

September 18, 1943.

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

Gentlemen:

The thirty day period after last date of publication of notice has expired and Applications 5864, 5865, 5866, ~~5867~~, 5875 and 5876 have been approved by this office and permits will be issued upon payment of the statutory fees set out in the attached statement.

Yours very truly

CHAS. J. BARTHOLET
Supervisor of Hydraulics

By *J. Stachan*
Secretary.

G.H.

Arthur B. Langlie
Governor

COPY

Ed Davis
Director

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

August 24, 1943

Mr. O. W. Carlson, Asst. Supt.
Mount Rainier National Park
Longmire, Washington

Dear Sir:

We acknowledge receipt of affidavit of
publication of notice of Applications Nos. 5864,
5865, 5866, ~~5867~~ 5874 and 5876.

It will be necessary to wait until after
the expiration of the thirty day period from last
date of publication, which date was August 17,
before the applications may be approved for permits.

Yours very truly,

CHAS. J. BARTHOLET
Supervisor of Hydraulics

By (Signed) G. Hallahan
Secretary.

G.H.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

August 20, 1943

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

Dear Sir:

Transmitted herewith is "Affidavit of Publication" covering "Notice
of Water Right Applications Nos. 5864, 5865, 5866, ~~5867~~, 5875 and 5876."

Sincerely yours,

O. W. Carlson,
Ass't Supt.

cc - Mr. Dunn, with signed copy of voucher.



sent to Mr. Dunn 8/26/42

THUR S. LANGLE
GOVERNOR

ED DAVIS
DIRECTOR



STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT

DIVISION OF WATER RESOURCES

CHARLES J. BARTHOLET, SUPERVISOR

OLYMPIA

July 27, 1943.

*White River
Tahoe Lake
Yellowstone*

JUL 29 1943

af 7/3

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. J. Hallahan

Secretary.

G.H.

Copy to Supt, Mt. Rainier Nat. Park 7/30/43

M. Dunn.

601 Sheldon Building

July 16, 1943.

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

Dear Sir:

In accordance with your letter of July 6, 1943, we are returning Application No. 5866 together with separate applications for the diversions from Klickitat Creek and the Shadow Lake Outlet.

In removing the claims for Klickitat Creek and Shadow Lake Outlet the following changes are needed in Application No. 5866 as I have shown by hand:

8. Estimated cost - \$68,000.

16. Present requirement- 0.25 sec. ft.

Future requirement - 0.25 sec. ft.

We also note under 5 that we referred to R. 10 W., which should be R. 10 E.

We also enclose a voucher for \$15 to cover the two new applications and fee for examining the ~~Frozen Lake Dam~~. We have put the other voucher through and you should shortly receive payment.

So far as we can see, all tributaries of a river within the National Park, since no one else has access therein, might be considered as one stream as we did in Application 5866. There can be no conflicting diversion between the various diversions or on the various tributaries until they have united and left the park. The only other reason for independent applications which we can see is to increase filing fees.

We will have similar cases in connection with claims to be filed for the Misqually River drainage. Would you accept a single application for two diversions on different streams when the two contribute to a single distribution system? As an example, would you have accepted a single application for the diversions from Lodi Spring and Frozen Lake since they both serve the single distribution system of the Yakima Park Area?

Yours very truly,

AvVD:SH

Enclosure 282.

cc: Director.
Regional Director, Region Four.
Supt., Mt. Rainier N. P.

A. van V. Dunn,
Hydraulic Engineer.



ARTHUR B. LANGLIE
GOVERNOR

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
ED DAVIS, DIRECTOR
TRANSPORTATION BUILDING
OLYMPIA

8 1943

DIVISIONS:
GEOLOGY
FORESTRY
RECLAMATION
FLOOD CONTROL
WATER RESOURCES
MINES AND MINING
COLUMBIA BASIN PROJECT

July 6, 1943.

7/15

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

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

Gentlemen:

This will acknowledge receipt of your letter of July 2, together with four applications for permits to appropriate and store water, but as the statute and the rules and regulations of this office require separate applications for diversions on each stream, we are returning the application covering Frozen Lake, Klickitat Creek and Shadow Lake Outlet, with the request that you file separate applications for Klickitat Creek and Shadow Lake Outlet. It will not be necessary to file another application for Frozen Lake, as this application has been recorded for diversion from that source only, and it will not be necessary to send additional maps as those submitted cover the ground very well for all of the applications. Please return Application 5866 on Frozen Lake after you have taken from it the necessary data for separate applications for the other two diversions.

It will be necessary for us to approve plans of the dam for [REDACTED]. This is required on all reservoirs containing 10 acre-feet or more. Therefore, will you please send us an additional voucher in the amount of \$15.00 to cover the \$5.00 examination fee on two new applications and the \$5.00 minimum fee for examination and approval of dam plans. We will approve drawing-Sheet 2 of 2, Drawing NP-RAI #6984 as to safety for the dam structure.

We will enclose the voucher for \$20.00 examination fees on four applications.

Yours very truly

CHAS. J. BARTHOLET
Supervisor of Hydraulics.

CJB:GH

Copy to [unclear]
Region Four
Silt, Mt. Rainier

7/15/43

601 Sheldon Building

July 2, 1943.

Supervisor of Hydraulics,
Division of Water Resources,
Olympia, Washington.

Dear Sir:

We enclose the following applications to appropriate and store water for use at Mt. Rainier National Park:

1. Application to appropriate waters of nameless springs tributary to the Chanapecosh River, together with tracing and print of drawing NP-RAI-6985, Tipsoo Lake Water Claim.
2. Application to appropriate waters of Frozen Lake, Klickitat Creek and Shadow Lake Outlet, all tributary to White River.
3. Application to appropriate waters of Lodi Spring, tributary to the West Fork of White River.
4. Application to store water in Frozen Lake, tributary to the main branch of White River.
5. Tracing and two prints of drawing NP-RAI-6984 in 2 sheets, White River Water Claims, of which sheet 1 is the map to accompany the two applications to appropriate waters of the greater White River drainage and sheet 2 is the Frozen Lake Reservoir to accompany the storage application.
6. Voucher for \$20 to cover examination fees for the four applications.

If you will sign the voucher at the point indicated by pencil cross and return it we will see that payment is made promptly.

We have made a single application for the appropriations of Frozen Lake, Klickitat Creek and Shadow Lake Outlet because they are all part of one recreational development on a homogeneous area of Park Service land. No other claimants may obtain access to White River above the park boundary

FILE COPY

without special Congressional authorization. The application to appropriate Lodi Creek is separate because the WestFork does not unite with the main White River until it reaches a point some distance outside the park.

Yours very truly,

A. van V. Dunn,
Hydraulic Engineer.

AvVD:SH
Enclosure 269.

cc: Director.
Regional Director, Region Four.
Supt., Mt. Rainier National Park.

STATE OF WASHINGTON
OFFICE OF SUPERVISOR OF HYDRAULICS
OLYMPIA

NOTICE OF WATER RIGHT APPLICATIONS NOS. 5864, 5865, 5866, 5875 and 5876.

TO WHOM IT MAY CONCERN:

Notice is hereby given that the United States of America, Department of the Interior, National Park Service, by John C. Preston, Superintendent of Mount Rainier National Park at Longvire, Washington has filed, under date of July 6, 1943, applications for permits to appropriate and store, subject to existing rights, public waters in Pierce County for domestic supply, recreational, industrial use and fire protection, as follows:

Application No. 5864 for appropriation of 1.0 second-foot from Lodi Spring, tributary of West Fork of White River, the point of diversion to be within the approximate NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 29, Twp. 17 N., Rge. 9 E.W.M. (unsurveyed);

Application No. 5865 for appropriation of 0.09 second-foot of water from unnamed springs, tributary to Tipsoo Lake and Chenapsoosh River, the point of diversion to be within the approximate NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 23, Twp. 16 N., Rge. 10 E.W.M. (unsurveyed);

Application No. 5866 for appropriation of 0.25 second-foot of water from Frozen Lake, to be diverted within the approximate NE $\frac{1}{4}$ of Sec. 33, Twp. 17 N., Rge. 10 E.W.M. (unsurveyed);

Application No. 5867 to construct a reservoir and store for beneficial use 64 acre-foot of water in Frozen Lake reservoir, the impounding dam to be located within the approximate NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 33, Twp. 17 N., Rge. 9 E.W.M. (unsurveyed);

Application No. 5875 for appropriation of 0.03 second-foot of the waters of Shadow Lake Outlet, a tributary of White River, the point of diversion to be within the approximate SE $\frac{1}{4}$ of Sec. 2, Twp. 16 N., Rge. 9 E.W.M. (unsurveyed); and

Application No. 5876 for appropriation of 0.2 second-foot of the waters of Klickitat Creek, tributary of the White River, the point

of diversion to be within the approximate SW $\frac{1}{4}$ or NW $\frac{1}{4}$ of Sec. 3,
Twp. 16 N., Rge. 10 E.W.M. (unsurveyed).

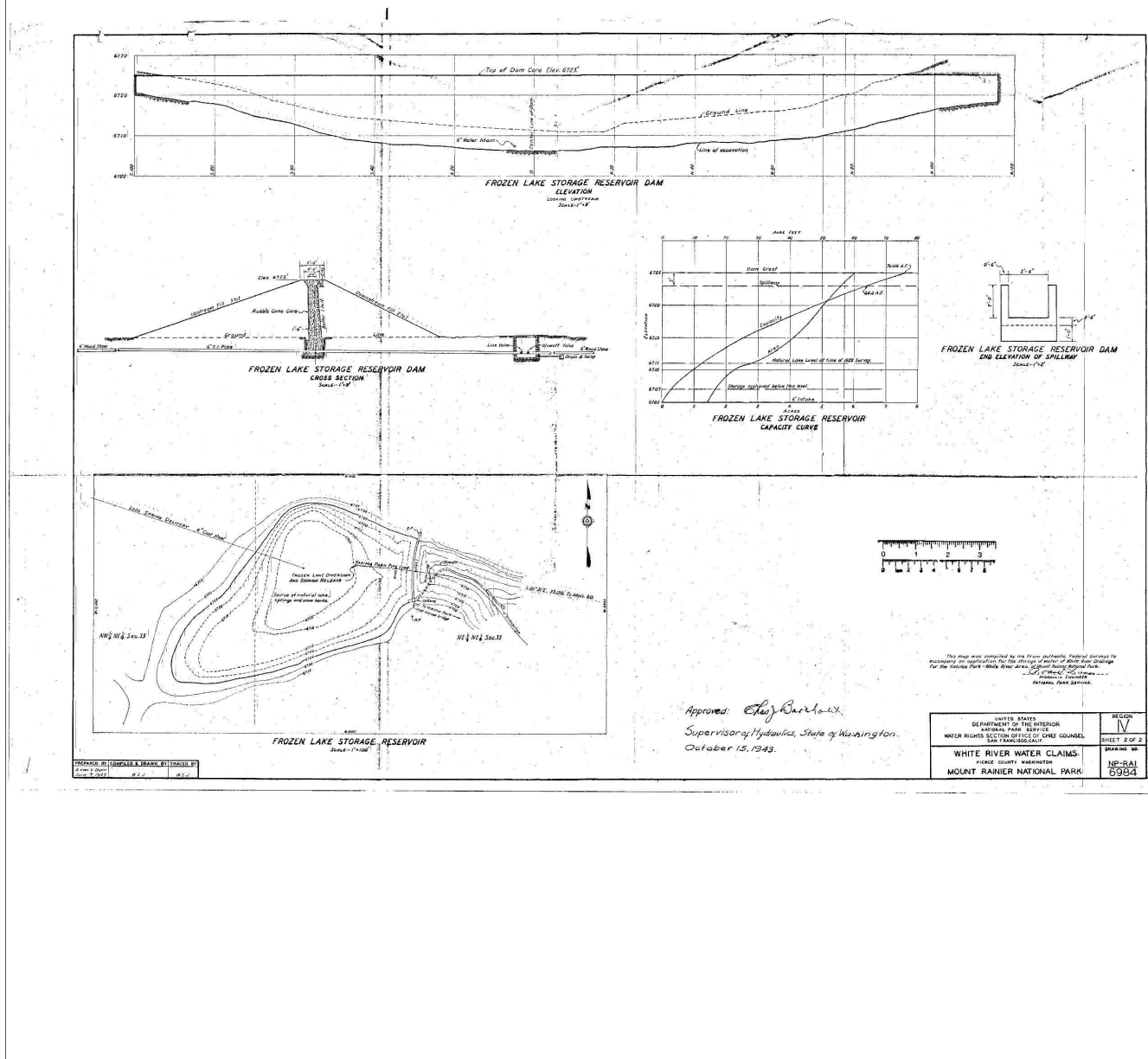
Maps showing the locations and plans of said diversions,
storage and places of proposed use are on file in the office of
the State Supervisor of Hydraulics, Olympia, Washington, together
with such other information as is required by law.

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 repre-
sentations, in writing, as he may desire to make, within thirty
(30) days after date of last publication, which date is August 17, 1943²

Witness my hand and official seal this 27th day of July,
1943.

CHAS. J. BARTHOLOMEW
State Supervisor of Hydraulics.

** This date added in back and corresponds to
date as given in published notice and Affidavit
of Publication.*



Docket Information

Number of Documents in Docket 44

Documents Dated from 7/2/1943 to 1/13/1958

Docket Compiled: 6/2/2011