



WATER-RIGHT DOCKET

Mount Rainier National Park

Docket No: 18

PARADISE HYDROELECTRIC SYSTEM

Preliminary Docket Information

10-01-1906: water 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. 18

APPLICATION NO. VESTED WATER RIGHT APPLICATION TO AMEND

PERMIT NO.

CERTIFICATE NO. 210

TITLE OF DOCKET PARADISE WATER SYSTEM (REESE'S CAMP TRANSFER)

PRIORITY 10/1/1906

REMARKS:

CERTIFICATE OF CHANGE OF POINT OF DIVERSION
OF WATER.

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

THIS IS TO CERTIFY That the United States of America,
Department of the Interior, National Park Service, by John C.
Preston, Supt. of Mount Rainier National Park, Longmire, Wash-
ington, has complied with all of the requirements of Section 39
of the Water Code and is hereby granted a permit to change the
point of diversion of waters of an unnamed spring, tributary to
Deadhorse Creek, tributary to Nisqually River to the extent of
0.035 cubic feet per second from a point within the approximate
SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 13, Twp. 15 N., Rge. 8 E.W.M. (unsurveyed), to
a point within the approximate SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 12, Twp. 15 N.,
Rge. 8 E.W.M. (unsurveyed), such point being on Edith Creek,
tributary to Paradise River and about 0.75 miles above the
original point of diversion, all in Pierce County, Washington.

WITNESS The seal and signature of the Supervisor of
Hydraulics of the State of Washington, affixed this 31st day
of May, 1944.


CHAS. J. BARTHOLET
State Supervisor of Hydraulics.

Recorded:
Vol. 1, Page 210 of
Records of Change of
Point of Diversion,
Purpose and Place of
Use of Water.

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RECORDED
VOL. 3 OF W. 6.
PAGE 66 REQUEST OF

1944 NOV 16 AM 9:38

J. E. FORD, AUDITOR
PIERCE COUNTY, WASH.
DEPUTY
(Sgd) C. Connell

Duplicate Mt Rainier Dead 20

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Recorded:
Vol. 1, Page 210 of
Records of Change of
Point of Diversion,
Purpose and Place of
Use of Water.

AFFIDAVIT OF PUBLICATION

No.

STATE OF WASHINGTON }
COUNTY OF PIERCE } ss.

NOTICE OF PETITIONS FOR CHANGE OF POINTS OF DIVERSION, PURPOSE AND PLACE OF USE OF WATER.

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, Longmire, Washington, on February 28, 1944, filed petitions with the State Supervisor of Hydraulics, Olympia, Washington, for permits to make the following changes: (1) To change the point of diversion of 0.56 second-foot of the waters of Rampart Creek, Canyon, or Ravine, tributary of Nisqually River, from a point within the NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 29, Twp. 15 N., Rge. 8 E. W. M. to a point within the SE $\frac{1}{4}$ of NW $\frac{1}{4}$ and NE $\frac{1}{4}$ of SW $\frac{1}{4}$, respectively, of Section 25, Twp. 15 N., Rge. 8 E. W. M., such point being about 1.5 miles below the present point of diversion and up Coal Creek tributary; and to change the purpose and place of use of such waters which are now used for domestic, irrigation and stock watering purposes on land within Longmire Place claim and lands of Tacoma Eastern Railroad, formerly owned by Longmire Mineral Springs Company in SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 28, SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 29, NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 32, and NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 33, Twp. 15 N., Rge. 8 E. W. M., to be used for domestic, irrigation and stock watering, recreational and fire protection purposes on the following described lands: All and all land now or hereafter developed as the Longmire Headquarters and Utility Areas, Longmire Campground, and Longmire Village in Mt. Rainier National Park, in SW $\frac{1}{4}$ of Sec. 28, SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 29, NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 32, and NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 33, Twp. 15 N., Rge. 8 E. W. M., Pierce and Lewis Counties, Washington.

(2) To change the point of diversion of 7.25 second-foot of the waters of Van Trump Creek, tributary of Nisqually River, from a point within the SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 15, Twp. 15 N., Rge. 8 E. W. M. to a point within the SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 23, Twp. 15 N., Rge. 8 E. W. M., such point being N. 62° 16' E. 12.811 ft. from SW corner of Sec. 28, Twp. 15 N., Rge. 8 E. W. M. and 1.5 miles below the present point of diversion, on Paradise River, tributary of Nisqually River; and to change the place of use of such water, which has been used for generating electric power within the approximate SW $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 15, Twp. 15 N., Rge. 8 E. W. M. (unsurveyed), to use for power purposes on the approximate E $\frac{1}{2}$ of SE $\frac{1}{4}$ of Sec. 22, Twp. 15 N., Rge. 8 E. W. M. (unsurveyed), all in Pierce and Lewis Counties, Washington.

(3) To change the point of diversion of 0.045 second-foot of the waters of an unnamed spring tributary to Deadhorse Creek, tributary to Nisqually River, from a point within the approximate SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 15, Twp. 15 N., Rge. 8 E. W. M. (unsurveyed) to a point within the SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 12, Twp. 15 N., Rge. 8 E. W. M. (unsurveyed), such point being on Edith Creek, tributary to the Paradise River, about 0.75 miles above the present point of diversion, all in Pierce County, Washington.

Any person, firm or corporation whose right will be injuriously affected by the granting of said petition may file with the Supervisor of Hydraulics at Olympia, Washington, such objections or representations, in writing, as he may desire to make within thirty (30) days after the last date of publication, which date is April 1, 1944.

Witness my hand and official seal this 1st day of March, 1944.
CHAS. J. BARTHOLET,
(Seal) State Supervisor of Hydraulics,
March 28, April 4

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 petition by George J. Ogdren
Sworn to before me and filed for use of water
of which the attached is a printed copy as published, was published in

said newspaper once each week for 150 weeks, successively, to-wit:

the 28th day of March, 1944
the 4th day of June, 1944
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____
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 4th day of

June, 1944
Victor J. Hedberg
Notary Public in and for the State of Washington,
Residing at Tacoma, Pierce County, Washington.

Sheet 18

PETITION FOR CHANGE OF POINT OF DIVERSION
OF WATER

TO THE STATE SUPERVISOR OF HYDRAULICS OF WASHINGTON:

The undersigned, your petitioner, respectfully represents:

First: That he is a user of waters of Nameless Spring Tributary to Deadhorse
Tributary to Misqually River
under Permit No. _____, Certificate No. _____, decreed right _____

_____ or appropriation made
(Title of Case)
by diversion and use during summer of 1906.
(Give date, if prior to June 15th, 1917)

Second: That such right consists of 0.035 cu.ft. per sec. and that
(Cu. Ft. per Sec.)
he wishes to change the point of diversion of such right to the
extent of 0.035 cu. ft. per sec.
(Cu. Ft. per Sec.)

Third: That the use of such water is for the purpose of domestic,
recreational and
fire protection _____, and that he diverts water from said stream
at a point situated in the SW quarter of NE quarter of
Section 13, Township 15 N., Range 8 E. W. M. (unsurveyed).

Fourth: That he wishes to change the above point of diversion
to a point situated in the SE quarter of SE quarter of
Section 12, Township 15 N., Range 8 E. W. M. (unsurveyed)

Pierce County, Washington, such point being _____
0.75 mile above the present point of diversion, and that
(Distance above or below)
such change can be made without detriment or injury to existing rights
or the State's interest in water, as provided in Section 6, Chapter
122, Session Laws of 1929. (See rider and accompanying drawing Misqually Water
Claims, Mt. Rainier - NP-RAI-6983.)

DATED this 1st day of February, 19 44.

United States of America,
Dept. of the Interior, National Park Service Longmire

By /s/ John C. Preston Washington
Supt., Mt. Rainier National Park

Petitioners Postoffice Address

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Rider

The original point of diversion served a pipe line to Reese's Camp at Paradise Area of Mt. Rainier National Park.

Reese's Camp had a maximum attendance of 600 guests per day and about 25 employees prior to June 15, 1917, on which the following vested right is computed:

600 guests	@ 35 gpd pc -	21,000 gpd
25 employees	@ 50 gpd pc -	<u>1,250 gpd</u>
Total	0.035 s.f. or	22,250 gpd

The original spring is near present ranger station at point whence SE corner of Section 29, T. 15 N., R. 8 E., W. M., bears S 56°13' W 23,516 ft.

The new point of diversion is on Edith Creek, tributary to the Paradise River, tributary to the Nisqually River at a point whence the SE corner of Section 29, T. 15 N., R. 8 E., W. M., bears S 51°27' E 25,865 ft. The first diversion on Edith Creek was constructed in 1916 and this source has been used continuously since the summer of 1917 without protest, in lieu of the original diversion in Deadhorse Creek drainage.

There are no diversions above either source, and the nearest diversion below is for the claimant's Paradise Power Pipe Line covered by separate rights described in accompanying instruments. All adjacent land is federally owned and no other appropriators may have access without special Congressional authorization in accordance with the Act of March 3, 1921 (41 Stat. 1353).

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Reference 2
October, 1940

PARADISE WATER SYSTEM--MOUNT RAINIER
APPRAISED COST

	R.N.P. Co.	Exclusive Government Service	Joint Ser- vice	Total
<u>Supply System (1939)</u>				
100,000 gal. Reinf. Concrete Reservoir (buried)			\$4,000	
Telemeter Indicator & Cable			1,000	
Edith Creek Dam 71'x6'x4' --63 cu yds			1,890	
365 ft. 8" Transit Pipe			645	
Branch Creek Dam 42'x5'x4'--34 cu yds			1,020	
433 ft. 4" Transit Pipe			580	
Chlorination Plant				
Building 10'x13'x8' reinf. concrete and stone			1,040	
Equipment			1,900	
Valves & Fittings			530	
Engineering			800	
<u>Distribution System</u>				
2350 ft. 10" Transit Pipe (1939)			5,050	
1500 ft. 4" Wood Stave Pipe (1920) (Inn & Guide House) #2,100				
2200 ft. 4" Wood Stave Pipe (1925) to Community Bldg.			3,080	
950 ft. 4" Galv. Steel Pipe to Ski Lodge (1930)			1,520	
950 ft. 2" Galv. Steel Pipe to cabin area			808	
1200 ft. 2" Galv. Steel Pipe " " " (1930)			1,020	
1200 ft. 2" " " " to horse corral			1,020	
750 ft. 2" " " " " utility area		637		
350 ft. 1" Galv. Steel Pipe to utility area		245		
4800 ft. 2" Galv. Steel Pipe to Narada		4,080		
5- 4" Fire Hydrants @ \$25			125	
Total Present Investment	(4140)	4,962	23,988	28,950
<u>Future Additions and Changes</u>				
Replace 2200 ft. 4" wood stave pipe line to Community Bldg. with 2200 ft. 6" C.I. Water Main			4,400	

TABULATION OF DATA FOR STUDY OF WATER RIGHTS								
1- 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	9- Place, Amount and Condition of Return. Is there Pollution?
1. Longmire	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	Good	1/4 mile - Silver Lake, 200% No Pollution, 200% No Pollution
2. Longmire Operator	Sec. 28, 29, 32, 33 T15N, R8E	Creek tributary to Nisqually River	Sec. 29 T15N, R8E	Inn, cabins and operator's utilities	Domestic, sanitary, fire protection	Dam, Pipe line	Fair	1/4 mile - Silver Lake, 100% No Pollution, 200% No Pollution
3. Rock Crusher, Tanager Rock	Sec. 28 T15N, R8E	Nisqually River	Sec. 28 T15N, R8E	Rock crusher	Industrial	Pump and Pipe line	Good	1/4 mile - Silver Lake, 100% No Pollution
4. Paradise Valley	Edith Creek	Edith Creek		Operator, Govt. Bldgs, camp ground	Domestic, sanitary, fire protection	Dam and pipe line	Fair	1/4 mile - Silver Lake, 100% No Pollution
5. Yakima Park	Yakima Park	Lodi Creek & Frozen Lake	Berkley Park	Operator, Govt. Bldgs, camp ground	Domestic, sanitary, fire protection	Dam, pump, pipe line	Good	1/4 mile - Silver Lake, 100% No Pollution
6. White River Entrance	White River	Klickitat Cr.		Govt. buildings	Domestic, sanitary, fire protection	Dam, pipe line	Good	1/4 mile - Silver Lake, 100% No Pollution
7. Tipsoo Lake (Proposed)	Tipsoo Lake	Spring trib. to Chinook Cr.		Picnic area, cotn fort stations, future ranger sta.	Domestic, sanitary, fire protection	Dam, pipe line	Good	1/4 mile - Silver Lake, 100% No Pollution
8. Nisqually Entrance	Sec. 34 T15N, R7E	2 creeks trib. to Nisqually Riv.	Sec. 34 T15N, R7E	Government buildings	Domestic, sanitary, fire protection	Dam, pipe line	Good	1/4 mile - Silver Lake, 100% No Pollution
9. Ranger Station	Lake George	Lake George		Ranger station	Domestic	Dipped		100% No Pollution
10. St. Andrews Cr. Patrol Cabin	Wist Boundary Creek	St. Andrews Creek		Patrol cabin	Domestic	Dipped		100% No Pollution
11. Sunset Park Patrol Cabin	Sunset Park	Lake trib. to Mowich Riv.		Patrol cabin	Domestic	Dipped		100% No Pollution
12. Sunset Park (Proposed)	Sunset Park	Creek trib. to Mowich Riv.		Maint. Camp and Camp Ground	Domestic	Pump and pipe line		100% No Pollution
13. Mowich Entrance (Proposed)	Sec. 27 T17N, R7E	Creek trib. to Mowich Riv.	Sec. 27 T17N, R7E	Maintenance camp, ranger sta., comfort sta.	Domestic, sanitary, fire protection	Dam and pipe line		100% No Pollution
13a. Mowich Lake (Proposed)	Sec. 25 T17N, R7E	Creek trib. to Mowich Riv.	Sec. 25 T17N, R7E	Ranger Station	Domestic	Dipped		100% No Pollution
13b. Mowich Lake (Proposed)	Sec. 25 T17N, R7E	Creek trib. to Mowich Riv.	Sec. 25 T17N, R7E	Ranger Station, Camp Ground	Domestic	Dam and pipe line		100% No Pollution

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

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



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

File - Left side Docket 18

IN REPLY REFER TO:
L54-L

May 22, 1958

RECEIVED	
NPS REGION FOUR OFFICE	
MAY 26 '58	
SURNAME DAY	
REG. DIR.	
ASST. R.D.	
OPERATIONS	
ADMIN.	
RECREATION	
WATER	B/M 5/26
LEGAL	

X Spaulding H8
6/12

Memorandum

To: Regional Director, Region Four
From: Acting Chief, Water Resources Section
Subject: Material for Inclusion in Docket 18, Mount Rainier National Park

A copy of the attached completion report has been placed at the top of the assembly of Water Right Docket 18 for Paradise Water System in the Director's file, and field copies are hereby being distributed for similar treatment.

Gordon W. Robertson
Gordon W. Robertson
Acting Chief, Water Resources Section

Attachment

Copy to: Superintendent, Mount Rainier, w/c attachment
Chief, WODC, w/c attachment

File - Docket is MORA

Form 10-174
(Rev. 8-56)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

COMPLETION REPORT OF CONSTRUCTION PROJECT

REGION Four	AREA Mount Rainier National Park	COUNTY Pierce	STATE Washington
PROJECT OR JOB TITLE Paradise Inn Water Supply Investigation			PCP NO. U-68-1
LOCATION IN AREA Paradise Area		MASTER PLAN NO. NP-RAI-5320-A	BUILDING NO. None
WORKING DRAWING NO. AND TITLE			
APPROPRIATION TITLE AND SYMBOL 14X1035			WORK ORDER NO. 332.1
CONTRACT NO. Park Labor		DATE WORK STARTED Sept. 1956	DATE WORK COMPLETED Oct. 1957
NAME OF CONTRACTOR		ADDRESS	

COST ANALYSIS

CONSTRUCTION ITEMS	QTY.	UNIT COST IN PLACE	TOTAL COST IN PLACE
Other structural services performed by personnel of WODC			\$ 185.52
Installation and removal of water meter			53.04
Facilitating service			6.00
Costs verified by <i>Ally D. Haskin Adm. Officer</i>		TOTAL	\$ 244.56

SUMMARY OF EXPENDITURES

PERSONAL SERVICES	EQUIPMENT	MATERIALS AND SUPPLIES
\$53.04		
OTHER		
\$191.52		

	CHANGE ORDERS		
ORIGINAL CONTRACT AMOUNT	FIRST	SECOND	THIRD
FINAL CONTRACT AMOUNT	FOURTH	FIFTH	SIXTH

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

SUBMITTED BY (Name and title) <i>Robert G. Cooper</i> Robert G. Cooper, Project Supervisor	DATE January 24, 1958
APPROVED BY (Name and title) <i>Preston P. Macy</i> Preston P. Macy, Superintendent	DATE January 31, 1958

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

File Docket 18 MORA

Det. Rainer

NARRATIVE STATEMENT

Description:

The project was initiated to provide for engineering studies to determine the feasibility of developing underground infiltration galleries as the source of water supply for the Paradise Area and to investigate the present water use and determine the feasibility of chlorination.

Work Accomplished:

A thorough reconnaissance of the watershed was made. No feasible site was found which would allow the development of underground infiltration galleries.

Since underground infiltration galleries were not feasible, a water use study was made in order that a chlorination system could be designed and installed.

Project Activities:

A 4" water meter was installed in the system in September 1956, after the Paradise Inn closed for the season, in anticipation of meter readings being taken the following summer to determine maximum usage.

In the summer of 1957, readings were taken on three different weekends. The weekends selected were periods of heavy use with the weather being good. The meter was read every 15 minutes from 6:00 A.M. to 10:00 A.M. and in the afternoon and evening from 5:00 P.M. to 9:00 P.M. The dates were as follows: July 4, 5, 6, and 7; August 16, 17, and 18; and August 30, 31, September 1, and 2. The maximum demand for any one 15 minute period was found to be 177 G.P.M. with the average being 138 G.P.M.

The 4" meter was tested to determine its maximum capacity under the existing head and was found to be 1100 G.P.M. It was removed from the system after the Paradise Inn closed down in September of 1957.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

PROJECT CONSTRUCTION PROGRAM PROPOSAL FORM

File Project 10
NLT RAINIER

1. NAME OF AREA Mount Rainier National Park		LOCATION OF AREA (STATE) Washington	
2. PROPOSED WORK Water Supply Investigation - This project provides for engineering studies to determine the feasibility of developing underground infiltration galleries as the source of water supply for Paradise area and to investigate the present water use and to determine the feasibility of chlorination.			
3. DIMENSIONAL DATA None Length Miles Finished width shoulder to shoulder Surfacing or Paving			
4. LAND STATUS AND DATA Government owned.			
5. CONSTRUCTION DATA At the present time the water supply is obtained from a surface stream subject to contamination by human visitation. It will be necessary to make a detailed study of the area to determine feasibility of obtaining water either from underground stream or from developed filtration galleries and to investigate the present water use and to determine the feasibility of chlorination.			
6. JUSTIFICATION Over a period of years the Public Health Service has reported that the National Park Service try to remedy the present intake system and it is classified as an urgent project by them.			
7. MISCELLANEOUS DATA—REMARKS—REPORT REFERENCES It is recommended that WSC make all surveys, investigations, preliminary and final drawings.			
8. DATA ON THIS FORM PREPARED BY <i>Robert G. Cooper</i> Date Name Robert G. Cooper Title Project Supervisor Name Title		9. PCP CROSS-REFERENCES E-42-1 11. DRAWING NO. Preliminary None Working 12. RECOMMENDED (Sgd) Wm. G. Hayward Date 9-25-56 Per State Department WSC	
14. NAME OF SUBPROJECT Water Supply Investigation Route No. Section Master Plan Drawing No.		10. ESTIMATE—CLASS A Construction \$ FOUNDED 1854-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000 Contingencies \$ Plans, Surveys, and Supervision \$ Grand Total \$ 2,300	
15. LOCATION WITHIN AREA OR TERMINI Paradise		13. APPROVED <i>Lester Macy</i> Date Per State Department WSC	
16. INDEX NO. E-42-1 ✓ BPR ☐ NPS ☒			

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	Chamapocosh	6978	10/1/60	
5	3714	Tysoo Lake Pipeline	Chamapocosh	6985	10/1/60	
8	3716	Shadow Lake Outlet Pipeline	White River	6984	10/1/60	
9	3727	Klickitat 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	Chamapocosh River	6978	10/1/67	Ext. of time in WDC docket
3	3711	Spring 6 Pipeline	Chamapocosh River	6978	10/1/67	"
4	3713	Lodi Spring Pipeline	White River	6984	10/1/60	"
6	R-134	Frozen Lake Storage	White River	6984		(Report of inspection distributed 8/23/56 - See Dunn's letter of 12/6/58 to Supervisor)
7	3715	Frozen Lake Diversion	White River	6984		"
10	3768	Carbon River Entrance Pipeline	Carbon River	6986	10/1/61	(Ext. of time distributed with memo of 11/5/56)
11	3769	Ipsut Creek Pipeline	Carbon River	6986	10/1/61	"
13	3814	Tahoma Vista	Misqually River	6983	10/1/67	Ext. of time in WDC docket
14	Certificate No. 208	Longmire Water System	Misqually River	6983		None unless system change
15	211	Paradise Hydroelectric System	Misqually River	6983		"
16	209	Paradise Hydroelectric System	Misqually River	6983		"
17	2061	Paradise Hydroelectric System	Misqually River	6983		"
18	210	Paradise Water System	Misqually River	6983		"
19	Permit No. 3815	Paradise Water System	Misqually River	6983	10/1/67	(Permit Poor)



THUR B. LANGLIE
GOVERNOR

STATE OF WASHINGTON

DEPARTMENT OF CONSERVATION AND DEVELOPMENT

ED DAVIS, DIRECTOR

TRANSPORTATION BUILDING

OLYMPIA

2 6/5/44

DIVISIONS:

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

June 3, 1944.

Mr. A. van V. Dunn
Hydraulic Engineer
National Park Service
601 Sheldon Building
San Francisco, 5, California

Dear Sir:

Complying with your request of May 29, we are enclosing 5 copies of forms for filing Notices of Completion of Construction.

As to notices in connection with certificates of change of point of diversion, purpose and place of use of water, no further notices are required.

We are also enclosing three of the certificates of change, namely: on Rampart Creek; on an unnamed tributary of Deadhorse Creek; and on Van Trump Creek.

As the notice of application for change of point of diversion and place of use of 16.5 c.f.s. of the waters of Nisqually River had to be readvertised, and the thirty day period after last date of publication does not expire until June 10, we will hold up issuance of that certificate until that date.

We are sending you an original and four extra copies of each certificate, as we believe that will furnish you with all of the copies required by your department.

The certificates should be sent by you to the county auditors of either or both Lewis and Pierce counties, depending on which counties are involved in the changes, after which they should be returned to you for your records.

Will you please check the certificates before forwarding them on to the county auditors.

Yours very truly

CHAS. J. BARTHOLET
Supervisor of Hydraulics

By *B. Hallahan*
Secretary.

G.H.

c.c.- John C. Preston, Supt. of Mt. Rainier National Park.

S. F. No. 1912-12-43-25C. 5206.

STATE OF WASHINGTON

Cash Receipt

Department of Conservation and Development

No. **25442**

Olympia, Wash., May 29, 1944
 RECEIVED FROM U. S. National Park Service
Twenty and no/100 DOLLARS 20.00
 To be placed to General Fund ☒ Reclamation Revolving Fund
 the credit of: Trust Fund

Water Code
Filing & recording 4 certificates
of change of point
of diversion purpose
and place of use.

ED DAVIS, Director

By M. Strock
B.I.

ORIGINAL

Standard Form No. 1034a—Rev.
Form approved by
Comptroller General, U. S.
May 28, 1938
(Gen. Reg. No. 61, Supp. No. 7)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

REGION FOUR OFFICE

D. O. No. 12 238452

Bu. Vou. No. 34-781

GENERAL ACCOUNTING
OFFICE PREAUDITCertified for payment in the
sum of \$.....Comptroller General of the
United States

By

U. S. Dept. of the Interior, National Park Service

(Department, bureau, or establishment)

Voucher prepared at San Francisco, Calif., March 4, 1944.

(Give place and date)

THE UNITED STATES, Dr.,

To Supervisor of Hydraulics, State of Washington

(Payee)

Address Olympia, Washington

Payee's Account No.

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	Articles or Services (Enter description, item number of contract or general supply schedule, and other information deemed necessary) Terms % Discount Cash days	Quantity	UNIT PRICE		AMOUNT
				Cost	Per	
3/4/44		Brought forward from continuation sheet(s) Fees for filing and recording Certificates of Change of Points of Diversion and Place of Use under vested water rights at Mt. Rainier National Park, as follows: 1. To change 0.76 sec. ft. under original county filing by David Longmire from Rampart Creek to Coal Creek				5 00
(Continued)						

Shipped from to Weight Government B/L No. Total

I certify that the above bill is correct and just; that payment therefor has not been received; and that except as otherwise noted all of the articles, materials, and supplies furnished under purchase order No.
if unmanufactured articles, materials, and supplies, have been mined or produced in the United States, and if manufactured articles, materials, and supplies, they have been manufactured in the United States substantially all from articles, materials, or supplies mined, produced, or manufactured, as the case may be, in the United States; and that State or local sales taxes are not included in the amounts billed.

*Payee Supervisor of Hydraulics, State of Washington (Do not sign)

Per s/ G. Hallahan Title Secretary

(Payee must NOT use this space)

Differences

Account verified; correct for

(Signature or initials)

Contract No. Date Req. No. Date Invoice Rec'd

Pursuant to authority vested in me, I certify that the above articles were received in good condition, after due inspection, acceptance, and delivery prior to payment as required by law, or the services were performed as stated; that they were procured under the contract numbered above or the unnumbered contract attached hereto, or that they were procured without written contract, in open market, and with or without advertising, under the circumstances stated in No. of "Method of or Absence of Advertising" shown on reverse hereof; and were necessary for the public service; and that the prices charged are just and reasonable and in accordance with the agreement.

† Approved for \$ 20.00

(Memorandum—Do not sign)

†

Rex Wendle, Authorized Certifying

Title Officer - March 15, 1944

ACCOUNTING CLASSIFICATION (for completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title			Limit'n or Proj't Amount	Appropriation Amount	
141/41056	Water Rights, National Park Service, 1941-1944				\$20.00	
Allotment symbol	Amount	Encumbrance liquidated	COST ACCOUNT		OBJECT OF EXPENDITURE	
			Symbol	Amount	Symbol	Amount
			101 Administration		07	\$20.00

Paid by { Check No. dated, 19...., for \$..... } on Treasurer of the United States in favor of payee named above.
Cash, \$....., on, 19...., * Payee

(Sign original only)

* When a voucher is signed or initialed in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.
† If the ability to certify and approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the blank space below "Approved for \$.....", and over his official title.

U. S. GOVERNMENT PRINTING OFFICE 10-1751a

Per

Title

For Signature of Government
Inspector Only

The articles on this voucher were received in good condition and are of quality equal to the requirements of the specification or contracts.

METHOD OF OR ABSENCE OF ADVERTISING

(Sec. 3709 of the Revised Statutes)

1. After advertising in newspapers.
2. (a) After advertising by circular letters sent to _____ dealers.
(b) And by notices posted in public places.
(If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made. The notation on the certificate on the face of the voucher must be "2(a)(b)" or "2(a)", depending on whether or not notices were posted.)
3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with _____
5. Without advertising, it being impracticable to secure competition because of _____

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, Supplement No. 6, General Accounting Office, Aug. 20, 1930.)

Certificate No. 2 - (To be used on the purchase of coal where the Bituminous Coal Act does not apply and where Standard Form No. 43 is used; also for payment under any other contract providing for reduction in wage rates.)

I certify that the United States received the benefit of reduction, if any, in the wage rate(s) in accordance with the stipulations under the contract.

Memorandum - Do not sign

NAME _____

TITLE _____

Certificate No. 3 - (To be used where the Walsh-Healey Act applies, and in the purchase of coal whether or not the Bituminous Coal Act applies).

I certify that the stipulations required by law and/or under contract, etc., with respect to wages, rights, and hours of work of employees have been complied with.

Memorandum - Do not sign

NAME _____

TITLE _____

Certificate No. 4 - (To be used when the purchase involves a price reduction based upon a decline in market prices).

I certify that the United States received the benefit of decline, if any, in the market price(s) in accordance with the stipulations under the contract.

Memorandum - Do not sign

NAME _____

TITLE _____

Certificate No. 5 - (To be used where the Bituminous Coal Act does not apply to the purchase of coal and where Standard Form No. 43 is used).

I certify that the United States received the benefit of decrease(s), if any, in freight rates in accordance with the stipulations under the contract.

Memorandum - Do not sign

NAME _____

TITLE _____

Certificate No. 6 - (To be used where the purchase involves a price based on posted prices as for gasoline, fuel oil, etc.).

I certify that tank-wagon (or barge, service station, etc.) price, at date and point of delivery, is as stated here!

Memorandum - Do not sign

NAME _____

TITLE _____

Certificate No. 7 - (Is to be formulated by the Government Certifying Officer to cover purchases under contracts providing for a temperature adjustment basis of the quantity of fuel oil or gasoline, etc. purchased).

Certificate No. 8 - (To be used where telephone, telegraph and metered services (such as electric current or gas) are furnished).

I certify that the above bill is correct and just; that payment therefor has not been received; that the rates charged were in effect at the time the services were rendered; and that such rates are not in excess of those charged the general public for similar services.

Memorandum - Do not sign

NAME _____

TITLE _____

Standard Form No. 1035a—Revised
Form approved by
Comptroller General, U. S.
June 8, 1937
(Gen. Reg. No. 51, Sup. No. 7)

Public Voucher for Purchases, and Services other than Personal
CONTINUATION SHEET

MEMORANDUM

U. S. Dept. of the Interior, National Park Service
(Department, Bureau, or Establishment)

Sheet No. 2 of Bureau Voucher No. 34-781

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, Item Number of Contract or General Supply Schedule, and other information deemed necessary) Terms% Discount Cash days	QUAN- TITY	UNIT PRICE		AMOUNT	
				Cost	Per	Dollars	Cts.
		2. To change point of diversion of 7.35 sec. ft. under rights vested by use as of June 15, 1917, from Van Trump Creek to Paradise River				5	00
		3. To change point of diversion of 16.5 sec. ft. under rights vested by use as of June 15, 1917, from the Nisqually River to Paradise River				5	00
		4. To change point of diversion of 0.035 sec. ft. under rights vested by use as of June 15, 1917, from Reese's Camp diversion on spring tributary of Deadhorse Creek to Edith Creek				5	00
TOTAL						20	00

NOTE.—This form to be used as a "Continuation Sheet" where more than one sheet is required, carrying forward the total or totals to, or summarizing them upon, Form No. 1034.

U. S. GOVERNMENT PRINTING OFFICE 10-2282

C O P Y

State of Washington
Department of Conservation and Development
Olympia

April 10, 1944.

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

Dear Sir:

We acknowledge receipt of affidavits of publication set out in your letter of April 7.

We have also received today, direct from the Chehalis Advocate, two sets of affidavits of publication of notices of Applications Nos. 5971 and 5972 and of petitions for change of points of diversion, purpose and place of use of water on Rampart Creek, Van Trump Creek and Nisqually River.

We have checked over these notices and find them correctly published except the notice in the Chehalis Advocate in regard to petition for change of waters of Nisqually River, in which they have made an error in the Section, which is given as 33 instead of 23, as set out in the notice sent to them. We have marked this on the copy of notice, which we are forwarding to you. We doubt whether there will ever be any question regarding any of these changes as they are all within the park area, and therefore we will not require that the notice shall be republished. Of course, if you prefer to have it republished, the paper should do so, as it is their error, and we will leave the matter to your judgment.

We are forwarding the voucher from the paper for cost of publication and one copy of each notice, keeping the other set for our records. We hope this will be agreeable to you. If not, we will also send the other set to you upon request and have you return them to us later.

Yours very truly

CHAS. J. BARTHOLET
Supervisor of Hydraulics

By

Secretary.

G.H.

c.c.- A. van V. Dunn.

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
OLYMPIA

MAR

March 2, 1944.

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

Dear Sir:

Enclosed is a notice, covering three petitions for change of points of diversion and place of use, 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 proposed diversions and use are to be made, after which kindly send affidavit of publication to this office.

Notice of two of these petitions (for changes on Rampart Creek and Van Trump Creek) must be published in both Lewis and Pierce counties, as the points of diversion and places of use are in the two counties, and we have combined the notice to include notice of the petition for change on the unnamed spring tributary to Deadhorse Creek, in Pierce County.

The fourth petition for change on Paradise River is combined with the first two changes in the other notice, which we are sending you to be published in Lewis County.

Will you please check over all of the notices carefully before they are published.

Yours very truly

CHAS. J. BARTHOLET
Supervisor of Hydraulics

By

Secretary.

G.H.

c.c.- Mr. A. van V. Dunn.

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
OLYMPIA

MAR 3 1944



March 2, 1944.

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

Dear Sir:

Will you please have the attached notice of three petitions for changes of points of diversion and place of use published at Chehalis, the county seat of Lewis County, in which the diversions and place of use are to be made, for two consecutive weekly issues of any newspaper of general circulation, after which the affidavit of publication should be sent to this office.

Yours very truly

CHAS. J. BARTHOLET
Supervisor of Hydraulics

By

G.H.

Secretary.

c.c.- Mr. A. van V. Dunn.

COPIES

WATER RIGHTS SECTION
601 Sheldon Building
San Francisco 5, California

February 24, 1944.

State Supervisor of Hydraulics,
Olympia, Washington.

Dear Sir:

We enclose applications relating to water rights at Mt. Rainier National Park as follows, all in the Nisqually River Drainage:

1. Application to appropriate a supplemental supply for the Nisqually Entrance with a declaration of vested interests at time of adoption of your water code.
2. Application to appropriate water for the Tahoma Vista area from a nameless tributary of Fish Creek.
3. Application to change point of diversion and enlarge area of use under a water claim filed in the county by David Longmire in 1906.
4. Application to change point of diversion and place of use from the old Longmire hydroelectric plant on the Nisqually River, with claimed priority of 1911, to the Paradise Hydroelectric plant of this Service.
5. Similar application to change point of diversion and place of use from Van Trump Creek power plant with claimed priority of 1916 to said Paradise hydroelectric plant.
6. Application for supplemental supply to cover remainder of diversion capacity of the Paradise hydroelectric plant.
7. Application to change point of diversion of original Reese's Camp system at the Paradise area, with priority of 1906, to the present water system of the National Park Service in that area.
8. Application to appropriate a supplemental supply from Edith Creek to cover capacity of the Paradise water system in excess of the vested interests established for Reese's Camp.

There is also enclosed a summary of the method used in determining the vested power rights appurtenant to the Nisqually and Van Trump hydroelectric plants.

From your letter to Superintendent Preston at Mt. Rainier, dated October 19, 1943, and relating to Applications 5916 and 5917, we gather that you will only need 3 prints of the map NP-RAI-6983 to accompany this group of applications, and enclose them accordingly. More prints are available if our interpretation is wrong.

We enclose a voucher for \$24 which seems to cover the initial fees for filing. Should the applications for change in points of diversion cost more, we can merely substitute a new continuation sheet. Hence, please sign the first sheet and return with a statement of any alterations you may wish.

Please address this office if you have any questions regarding the applications, but send the notice of appropriation for publication to the Superintendent, Mount Rainier National Park, Longmire, Washington.

Yours very truly,

AvVD:sh

A. van V. Dunn,
Hydraulic Engineer.

Enclosure 363.

cc: Director.
Region Four.
Supt., Mt. Rainier.

2/19

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

January 31, 1944.

MEMORANDUM for Hydraulic Engineer, Water Rights Section,
c/o Regional Director, Region Four.

As suggested by you we have enumerated below the changes which it is felt should be made in the various applications and petitions prepared by you covering the appropriation of water in the Nisqually drainage in this park. We have only shown these changes in pencil on the carbon copies of the prepared forms as it was thought desirable that the corrections be made on all copies in one office, in order to eliminate the possibility of any differences occurring. We trust that this action on our part is satisfactory to you.

1. The only change suggested for the Nisqually Entrance System is in paragraph 1 to show the two nameless streams as being tributary to the Nisqually River direct rather than Tahoma Creek. It is recognized that this does not change the rights in any way.

2. In the application to appropriate water for the Tahoma Vista parking area, it is recommended that you show the source as being an unnamed tributary of Fish Creek which in turn would be a tributary of Tahoma Creek. This is a minor change and does not in any way affect the rights involved. It appears in paragraph 1.

3. As far as the Petition for change of point of diversion to cover transfer of vested right to 16.5 sec. ft. of Nisqually River water, the date on the petition should probably be changed from 1908 to 1911, as mentioned in our memorandum of December 22, in view of the fact that the latter date has now been established. We agree with you that it would not be justifiable to rewrite the Petition merely to provide for the small additional domestic use established in 1906.

Regarding the rider attached to this petition the right of the Eagle Peak Copper Mining Company to occupy and work its claims has been definitely established and I am sure there was no attempt to authorize any such operations by the permit in question. However, as you state, if the Park Service would have no authority to authorize the diversion of water about the only right involved would be the right-of-way for the flume. Just what should be done is not entirely clear, but it is obvious from your memorandum that the permit should



be eventually rewritten to more accurately describe the authorization intended. However, there is for consideration the fact that the original permit was executed prior to June 15, 1917, the date the State Code became effective. This possibly might have some bearing on the matter but it seems rather doubtful.

It now appears quite definite that no water right was ever issued to the Eagle Peak Copper Mining Company or any of its organizers or officers, but we intend to investigate this matter further in connection with a search of the records that must be made in connection with another matter. The County Auditor of Lewis County was contacted in regard to Mr. Wheelock's claim that he had made water right filings in 1905 and 1908 and he advised that there was no record of any action taken by Lewis County in connection therewith. However, mention was made of water rights in the mining claim filing for Paradise No. 1, which is one of the claims of the Eagle Peak Copper Mining Company. Quoting from the mining claim record this particular claim reads as follows: "--together with all mineral deposits contained therein, and all timber growing within the limits of said claim, and all water or water privileges thereon or appurtenant thereto, situated in --- Mining District, Lewis County, State of Washington". The County Auditor advises that this is the only reference to water rights in the claim. In the meantime this will not affect the petition you have prepared unless you desire to modify the rider slightly as has been outlined herein.

4. With reference to the Petition to change point of diversion from Van Trump Creek, the same rider referred to in the preceding paragraph is attached and any change in wording made should appear in both petitions.

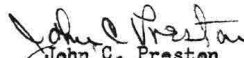
5. In the application to appropriate 9.6 sec. ft. of water from the Paradise River, the only change to be made is the reference to the date of the construction of the Longmire power plant which is shown as 1908 under the Remarks paragraph. The date of the construction of this plant was originally estimated to be 1908, but has subsequently been established as 1911.

6. In regard to the Petition for change of point of diversion in Paradise Valley, it is unfortunate that making the Reese Camp spring tributary to the Nisqually River via Deadhorse Creek weakens your petition, but it is believed that the addition to the rider suggested in your memorandum of December 28 will adequately protect the Government's interest. The first line in the last paragraph of the rider should be eliminated.

7. In application to appropriate 1.25 sec. ft. for domestic purposes and 0.25 sec. ft. for power purposes in Paradise Valley, as previously explained the Edith Creek system was initially constructed in 1916 with some improvement and reconstruction in 1923, in the event you deem it desirable to mention this. In our memorandum of December 22, 1943 we erroneously showed the latter date as 1920. This information appears under paragraph 17.

8. Where changes are involved in Drawing 6983 they have been indicated on the copy which is attached to this memorandum. The tracing and the balance of the copies of the drawing are being returned under separate cover.

Also enclosed are originals and duplicates of all applications and petitions. The originals have been signed.


John C. Preston
Superintendent.

cc Region Four.

Water Rights Section
601 Sheldon Building
San Francisco 5, California

December 28, 1943.

MEMORANDUM for the Superintendent,
Mount Rainier National Park.

Reference is made to your memorandum of December 22, 1943, with regard to corrections to be made in the applications to appropriate water in the Nisqually drainage of Mt. Rainier.

It is extremely desirable to have the information correct, both as statements to be signed by you, and as records for future adjudication. For several reasons I suggest that you make the corrections you desire on the typed applications, indicate the desired changes on the map, sign the applications and return all to this office for transmittal to the State Supervisor of Hydraulics.

As indicated by the accompanying letter to the State Supervisor of Hydraulics, there is some question of requirements which should be settled before we send more. It is also desirable to make a revised negative if the tracing is to be retained by the state, as I previously contemplated. Further, it is extremely essential to have our other copies of the applications agree exactly.

There are several comments to offer with regard to the suggested changes:

1. The change in drainage from the springs serving the west entrance makes no change in rights.
2. The change in name of source for Tahoma Vista supply does not change rights.
4. The loss in power priority on the old Longaire power plant, from 1908 to 1911 is not serious. I would not attempt to assign the date, June 22, 1906, to power, but we could probably use it for a little more vested domestic use if we desired to do so. This would introduce a further right initiated by the railway which could be transferred to the Coal Creek system and thus reduce the amount to be transferred from Rampart Creek under the petition I listed as No. 3 in my memo of October 18, 1943. However, unless you wish to do it, I do not feel that I can show enough gain to justify rewriting one petition and drafting another.

FILE COPY

After reading the permit for the Eagle Peak Copper Mining Company in Chicago, I agree that the statement in the rider to the petition is not exactly right, but the permit itself cannot grant exactly what it states, either. Only the state can grant the right to divert water, and certain maps of the mining claims have been made part of the original permit and probably apply to the renewal. In your files you will find a blue print about 18" x 24" on scale of "half inch equal 100 ft.", showing the mill site, Paradise Claim No. 1, Aldula Claim, and the flume location, all with a seal in lower right corner. I have copy but forgot to note instrument to which it was attached. There was also a cruder sketch of about the same size on scale 200' = 1 inch, showing these claims but not the flume, and including Ira Henry Nos. 1 and 2 claims as well; and this sketch was sent to the park with permit Jan. 1-Dec. 31, 1918, with a letter of transmittal dated February 27, 1918. There was also more detailed location of mill site, an aerial tram, and certain ties, submitted with Superintendent Reaburn's letter of July 26, 1918.

I did not try to obtain a legal definition from the Chief Counsel, but I interpret the permit to recognize the unpatented mining claims and mill site, and grant the right of way for the flume, provided water rights perfected by claimant (from county or state) shall not result in generation of more than 100 horse power. If I am correct there is not much wrong with the rider in the National Park Service water right claims except that it strengthens the permit which we may want to cancel and amend at any time.

Perhaps we should ask for more thorough legal consideration of the history of the permit before we do more. If we do, we should first have copies of the county water right filings by the company. I am interested in dates and quantities of water on record.

5 & 7. Explained above.

8 & 9. We weaken the petition (No. 8) by both priority and by making original Reese Camp spring tributary to the Misqually through Deadhorse Creek. Hence, I think we should add the following to the rider:

"The change in point of diversion, covered by this petition, from Deadhorse to Edith Creek, was made at the close of the tourist season in 1916. The new point of diversion was thus vested as of June 15, 1917, but the last full use of 0.035 sec. ft. of water at old diversion was during 1916 and its full use at the new point did not take place until July 1917."

It is then most essential to correct the priority to that established by construction in 1916 for the supplemental appropriation (No. 9).

AvVD:SH

A. van V. Dunn,
Hydraulic Engineer.

cc: Region Four.

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

DEC 27 1943

ROUTING	Date
(Handwritten signature)	12/27
FILE	

December 22, 1943.

MEMORANDUM for Hydraulic Engineer, Water Rights Section,
c/o Regional Director, Region Four.

With reference to the several water right applications for Nisqually River claims prepared by you, we have withheld filing them with the State Supervisor of Hydraulics until after your return from Chicago as there were several small errors which it was desired to bring to your attention. In most instances they are more or less inconsequential but there probably are some changes which you would want to make. For convenience these comments are made on the various applications in the order in which they are listed in your memorandum of October 18:

1. The source of the Nisqually Entrance water system is two nameless tributaries of the Nisqually River proper not Tahoma Creek. As far as can be determined the only change required is in paragraph 1, and can be made here if agreeable to you. *ok*
2. It is felt that the source of the water supply for the Tahoma Vista parking area would be better described as an unnamed tributary of Fish Creek rather than Fish Creek itself. Fish Creek is the outlet from Lake George. The only change required would be in paragraph 1 of application and can be made here. *ok*
4. With reference to the petition to transfer vested right to 16.5 sec. ft. of Nisqually River water from the old Longmire power plant to the existing Paradise River plant subsequent data obtained indicates that the Longmire plant was not built until 1911. Between 1906 and 1911 power was generated by steam with coal as fuel. All that will be required is to change the date from December 31, 1908 to December 31, 1911, in the first paragraph. However, we did locate a letter from the Department dated June 22, 1906 authorizing the Tacoma Eastern Railroad to carry water to the hotel at Longmire by means of a 2 inch pipe, extending about 950 ft. beyond the limits of the leased land. While this establishes an earlier use of water it does not appear to be of any special significance. *ok*

5. In the rider attached to the petition to transfer vested right to 7.35 sec. ft. of Van Trump Creek to Paradise power plant the same change referred to in paragraph four should be made.

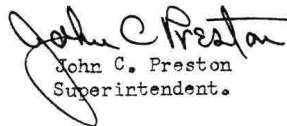
7. Date of construction of Longmire system under Remarks column to be changed from 1908 to 1911.

8. In connection with petition to change point of diversion of vested right initiated for Reese's Camp, Paradise Valley, the spring indicated in paragraph 1 should be tributary to Deadhorse Creek and the Nisqually River direct. Also from later data uncovered in our files it appears quite definite that this spring was not developed until 1908. The first sentence on the rider to this petition should also be deleted. These changes are all minor and can be made here if you prefer.

9. In regard to new application to appropriate 1.25 sec. ft. for domestic purposes and 0.25 sec. ft. for power purposes by the Paradise water system as supplemented supply to that under the vested Reese Camp right, our information indicates that the first installation on Edith Creek was in 1916 although there would be no appreciable use thereof until after July 1, 1917 when Paradise Inn was first opened for public use. Prior to the summer of 1917 all accommodations as far as the public was concerned were in the old Reese Camp location, although doubtless there was some usage by construction crews and other employees in the fall of 1916 and the early summer of 1917 prior to June 15. This is mentioned in the event you thought it worth while to make claim therefor. Otherwise all that will be necessary will be to change paragraph 17 to show the initial construction in 1916 with some improvement and reconstruction in 1920. Please advise further in regard to this.

A few changes in Drawing 6983 will also be necessary to correspond to the changes already mentioned in regard to the various applications, petitions, etc. We will be glad to draw in the corrected locations for the various streams at the Nisqually Entrance, and Paradise if you desire, both on the prints and the tracing.

We will withhold making any of the changes outlined above until further advice is received from you as to just how you desire to have this matter handled.


John C. Preston
Superintendent.

cc Region Four

Mr. Dunn.

601 Sheldon Building

October 18, 1943.

MEMORANDUM for the Superintendent,
Mt. Rainier National Park.

The following water right applications for Misqually River claims in Mt. Rainier National Park are enclosed for your signature and filing with the State Supervisor of Hydraulics:

1. Application to appropriate 0.100 sec. ft. from nameless tributaries of Tahoma Creek for the Misqually Entrance. This application also records an additional claim to 0.004 sec. ft. (2585 gpd) as vested right established by use prior to the adoption of the water code on June 15, 1917. All year use is claimed.
2. Application to appropriate 0.05 sec. ft. from Fish Creek for the Tahoma Vista Parking Area from May 1 to October 31 inclusive of each year. (You may prefer to claim all year use.)
3. Petition to change points of diversion and place of use under the water right filing, with priority of May 25, 1906, of the Longmire Mineral Springs Company for Rampart Creek and Canyon, as that claim was recorded at page 33, book 2 of Water Rights in Pierce County. The recorded claim for 10.0 sec. ft. was preposterous. By the terms of the petition, we reduce the right to 0.76 sec. ft. and assign 0.21 sec. ft. to the Rampart Creek Pipe Line and 0.55 sec. ft. to the Coal Creek Pipe Line, both of which serve the Longmire Area. Since 0.75 sec. ft. is about all the available supply in Rampart Creek, and we are transferring 0.55 sec. ft. to Coal Creek, there will now be an unappropriated 0.55 sec. ft. of flow in Rampart Creek, which we can cover by new appropriation when we wish. The present petition will allow the park to use:

135,727 gpd from Rampart Creek
355,475 gpd from Coal Creek

491,202 gpd, total Longmire right and probable need.

4. Petition to transfer vested right to 16.5 Sec. ft. of Misqually River water from the old Longmire Power Plant to the existing Paradise Power Plant, with priority of December 31, 1908.

5. Petition to transfer vested right to 7.35 sec. ft. of Van Trump Creek water from old Christine Falls Power Plant to Paradise Power Plant with priority of October 1, 1916.
6. "Method Used to Determine Vested Water Rights on Van Trump and Nisqually River", being a justification for claim to vested power rights, to accompany two preceding petitions.
7. Application to appropriate 9.6 sec. ft. of water from Paradise River as supplemental supply from January 1 to December 31 for power purposes.
8. Petition to change point of diversion of vested right initiated for Reese's Camp at Paradise with priority of 1906 for 0.035 sec. ft., to existing Paradise Water System.
9. Application to appropriate 1.25 sec. ft. for domestic purposes and 0.25 sec. ft. for power purposes by the Paradise Water System as supplemental supply to that under the vested Reese Camp right.

We also enclose the tracing and 17 prints of drawing NP-RAI-6983, Nisqually River Water Claims, Mt. Rainier National Park. The tracing and 15 prints should go to the Supervisor of Hydraulics to provide a map in duplicate to accompany each application and petition. The remaining prints are for your use and we have a negative from which to make more copies if desired.

A duplicate of each application and petition is forwarded herewith for your temporary record. If you are able, and are requested to make minor changes in the originals, please keep this copy up to date.

The attached voucher for \$24.00 to cover initial filing fees should be sent to the Supervisor of Hydraulics together with the applications, petitions and maps.

I am starting for Chicago within a week for a stay of about six weeks. I have prepared the nine instruments on the basis of your memorandum of September 20 in order to complete them while my mind is on the subject. Although we might acquire vested rights to somewhat different quantities of water if we had more historical detail, I believe that my present estimates are fair to all. However, you should be particularly critical of my treatment of the Eagle Mining Company claims and the recorded right of the Longmire Mineral Springs Company. Do not submit any of the instruments unless you agree.

It may be that we shall have to prove title to the vested rights initiated by others than the United States. If any such questions, or misunderstandings on your part, arise during November please refer them to me in care of the Director.

There will be advertising in connection with the petitions just as with the applications. I think we have already found that this can be handled best from your office, but the bills may be sent here for direct payment. It is requested, however, that you indicate approval on the voucher if they are sent before my return.

Some of the applications are on an obsolete form. In transmitting them to the Supervisor of Hydraulics please refer to his letter to me of August 31, 1943, authorizing their use for wartime economy.

A. van V. Dunn,
Hydraulic Engineer.

AvVD:SH

Enclosure 334.

cc: Director.
Regional Director, Region Four.

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

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September 20, 1943.

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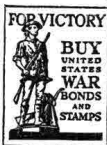
MEMORANDUM for Mr. A. van V. Dunn, Hydraulic Engineer,
Water Rights Section.

In reply to your memorandum of September 6 regarding the use of water systems in the Nisqually drainage of this park, we are furnishing such additional data as are available at this time. We have attempted to obtain as much information as possible from available records and various "old timers", although in many respects it is not complete.

As far as the old Longmire power system is concerned the Rainier National Park Company does not have any worthwhile information but we have been able to determine from an old print and the remains of the power plant that the wood pipe line was roughly 1025 feet in length and 24 inches in diameter. The head is estimated to be 40 feet, but we will arrange to verify this shortly. So far we have not been able to obtain anything definite on the type and capacity of the wheels and generator but we have a few additional leads to run down which may be productive of results, one being a lease issued to the Tacoma Eastern Railroad under date of November 13, 1912 by the Secretary of the Interior covering operation of the original National Park Inn. We are requesting a copy of this lease from the Director's office.

In regard to the Christine Falls power plant on Van Trump Creek General Manager Sceva of the Rainier National Park Company advises that the total length of the penstock was 2339½ feet, 1151 feet being 14 inch and 1188½ feet being 12 inches in diameter. He further estimates the head to have been from 350 to 400 feet. The capacity of the plant was 200 KVA, being built in 1916. We are attempting to verify these figures from the original operator of the plant who also assisted with the installation.

Regarding the Paradise River plant of the Rainier National Park Co. you are correct in your assumption that the output of this plant has been increased to 800KVA.



As far as the old Reese "Camp of the Clouds" is concerned it appears quite definite that water was obtained from a spring near the present ranger cabin which is approximately 500 feet from the original camp location. We know that water was piped in but nothing very concrete is available as to the size of the pipe, etcetera. We have a few more contacts to make and you will be informed of the results obtained. It seems probable, however, that only a small line was used due to transportation difficulties which prevailed at that time.

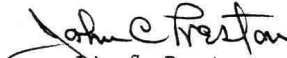
The rated guest capacity at Longmire by June 14, 1917 is estimated to have been 350; and at Paradise 600. There is every reason to assume that the full capacity was used at both locations.

Regarding the available flow of Rampart Creek, it seems improbable that the operator used the 10 sec. ft. claimed in the Longmire filing at any time prior to June 15, 1917.

No pipe line has ever been installed in the Tahoma Creek campground.

Your attention is called to a further use of water from the Paradise River by the Eagle Peak Copper Mining Company. A permit which has been renewed yearly since 1915 authorizes that concern to divert sufficient water to generate 100 h.p. Water is conveyed in an open flume a distance of approximately 1000 feet. The size of the present generator is only 15 KW, but Mr. R. H. Wheelock, one of the officers of the company states that the old power plant which burned down had a 40 KW capacity generator. The amount of water diverted amounts to probably as much as 5 to 6 sec. ft. Mr. Wheelock also states that he filed a water right in the Lewis County courthouse in Chehalis in 1905 and also in 1908 for mining purposes. He does not have any record to support this claim, but we are writing Lewis County in regard to the matter.

As soon as any additional data is available we will communicate with you further.


John C. Preston
Superintendent.

cc Region Four

HUR B. LANGLIE
GOVERNOR

ED DAVIS
DIRECTOR



SEP 2 1943

[Handwritten signature/initials]

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
DIVISION OF WATER RESOURCES
CHARLES J. BARTHOLET, SUPERVISOR
OLYMPIA

August 31, 1943.

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

Dear Mr. Dunn:

We will accept applications for permits to appropriate water and to change the points of diversion of water as outlined in your letter of August 27.

However, the transfer of water rights from the Misqually River in Sec. 33, Twp. 15 N., Rge. 8 E. and from Van Trump Creek in Sec. 15, Twp. 15 N., Rge. 8 E. to Paradise Creek should include change of place of use as well as point of diversion. We are enclosing forms in duplicate for your use. Only one copy is required for this office.

Yours very truly

[Handwritten signature of Charles J. Bartholet]

CHAS. J. BARTHOLET
Supervisor of Hydraulics.

CJB:CM

Copy made Sept. 1st 1943

Mr. Dunn.

601 Sheldon Building

August 27, 1943.

MEMORANDUM for the Superintendent,
Mount Rainier National Park.

The attached copies of letters from the State Supervisor of Hydraulics and my reply are self-explanatory. If you do not have copies of the earlier letters from Mr. Bartholet to which I refer please advise, as they may all become quite important again at some future date such as that when the Disqually is adjudicated.

If we cannot establish the precedent of changing points of diversion from one tributary to another and the glacial sources continue to recede, it is quite probable that the park will frequently lose all its old water right priorities and have to establish new inferior ones or buy or condemn to preserve its initial position. In the second place, we should be very careful not to change from one source of supply to another except as a last resort.

It seems probable that I shall be able to complete applications for appropriation and, I hope, some changes in points of diversion on receipt of Mr. Bartholet's reply. Before doing so, however, I should like to know more about the old operator's systems. I believe Mr. Sceva may be able to help.

1. Has the operator any plans of the old Longmire and Van Trump power developments? If not, can Mr. Sceva tell me the length and diameter of the pipe at each site, the quantity of water normally diverted, the gross head, and the type and capacity of the wheels and generators? (I already have the Puget Sound Bridge & Dredging Company drawing No. 2 under Contract 805 relating to the Paradise power development, which shows transfer of 200 KVA unit from Van Trump to Paradise development.)
2. What are the present generator units at the Paradise development? From Mr. Brysdale's report I gather that the output has been increased from 600 to 800 KVA since 1921.
3. Where did the Reese Camp obtain its water in 1917 and was there a pipe line?
4. What was the rated guest capacity at Longmire and at Paradise by June 14, 1917, and had the full capacity ever been used?

5. What is available flow of Rampart Creek? The report of 1935 gives 100, but does not give unit of measure. Did operator use 10 sec. ft. claimed in longwire filing at any time before June 15, 1917, including both domestic use from stream and therapeutic use of springs?

There is also a feeling in this office that a pipe line has been installed at Tahoma Creek Campground since 1935. If so, have you a map of the campground and plan of the pipe line?

Any maps sent by you or Mr. Seeva will be returned within one month if so requested.

AWVD:SH

Attachments.

cc: Director, with attachments.
Region Four, with attachments.

36614 WMS
A. van V. Dunn,
Hydraulic Engineer.

601 Sheldon Building

August 27, 1943.

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

Dear Mr. Bartholet:

From your letters of February 24, March 5, and August 27, 1943, and your water code manual, our proper procedure for Nisqually drainage water claims seems to be somewhat complicated if we are to preserve old priorities as we should. It also seems to me that now that we have provided you with an advance print of drawing NP-RAI-6983, Nisqually River Water Claims, Mt. Rainier, we should ask for a reconsideration of some of the earlier discussion. The following plan of procedure is given for that purpose.

1. We have the Tacoma Vista Pipe Line in Sections 10 and 11, T. 15 N., R. 7 E., which was built during the summer of 1931, has been used continuously since then with annually increasing diversions until the war reduced public attendance, and which will not be used to full capacity until the road from the Nisqually Entrance is completed to the northwest corner of the park to provide a complete section in the loop through the park from Tacoma and Seattle. A standard form of application for appropriation of water should be filed.

2. We have the Nisqually Entrance Pipe Line and Sunshine Pipe Line in Section 34, T. 15 N., R. 7 E. Water use was started shortly after the park was created on March 2, 1899, but the quantity of water used has increased, particularly to the extent of the use from the Sunshine Pipe Line and upper diversion of the Nisqually Entrance Pipe Line which were built subsequent to the adoption of the water code on June 15, 1917. A single application for appropriation of water as a supplemental supply should be filed for all water in excess of that actually beneficially used before June 15, 1917. Under "Remarks" on the application we can define the vested right established by use prior to June 15, 1917, so that it may be considered for earlier priority if, or when, the Nisqually River is adjudicated.

3. We have a pipe line diverting from Rampart Creek in Section 29, T. 15 N., R. 8 E., which is covered by a county filing of May 31, 1906,

by David Longmire. The deed from the Longmire Mineral Springs Company, successors to David Longmire, to the United States, dated December 30, 1938, and recorded at Page 385, Volume 615 of the Pierce County Records, covers the Longmire lands and "any and all water rights whether obtained through the State of Washington or riparian or otherwise." We can do nothing further to cover this water system but use it and be sure that it is introduced at any adjudication of the Nisqually River which may be called in the future.

4. We have the pipe line diverting from Coal Creek in Section 33, T. 15 N., R. 8 E., which was built in 1932. Under normal conditions we should file an application to appropriate the waters of Coal Creek, but when the Park Service acquired the Longmire tract it razed much of the old lodge development and certain water systems diverting from mineral springs in Rampart Canyon under the aforesaid county water right filing by David Longmire. By letter of March 5, 1943, you suggested that a change in point of diversion cannot be made from one tributary of a stream to another, but Section 39 of your water code manual merely says: "The point of diversion of water for beneficial use or the purpose of use may be changed, if such change can be made without detriment or injury to existing rights."

The United States owns and the Park Service has exclusive jurisdiction over all of Sections 28, 29, 32 and 33, T. 15 N., R. 8 E., shown on drawing NP-RAI-6983 and there are no diversions below the Hotel diversion on Rampart Creek, none on the Nisqually between Rampart and Coal Creeks, and none on Coal Creek below the designated NPS diversions. With this more complete picture we think you may agree that we might file one application for change in point of diversion under the county filing for any quantity which we may otherwise have to abandon because of reduced lodge development. Such a procedure will help us preserve the more valuable priority of 1906, and it also offers the one method for recording the county filing in your office.

5. The old Longmire Power Pipe Line shown on the Nisqually River in Section 33, T. 15 N., R. 8 E., was built in 1908 and operated until 1921. There was also a power pipe line on Van Trump Creek in Section 15, T. 15 N., R. 8 E., which was built in 1916, Van Trump Creek being the one that enters the Nisqually River along the center line of Section 22 on the aforesaid drawing. The Paradise Power Pipe Line in Sections 22 and 23 was built in 1921 to replace both of the others. A 200 KVA generator unit was in fact moved from the Van Trump to the Paradise development, and I do not doubt but that we can trace some equipment from the Longmire plant to the Paradise installation.

Apparently the Paradise development operates with between two and three times the combined water use at the Longmire and Van Trump plants, and it serves both Longmire and Paradise for which the individual plans were first provided. The priority of a non-consumptive power water right is not

particularly important, but we think we should transfer such vested rights as we can prove, from the two older diversions to that on the Paradise River by an application for change in point of diversion and then file another application to appropriate a supplemental supply for the rest of the developed capacity.

6. Reese's Camp was started at Paradise about 1906, using water from the Edith Creek drainage. There have been several diversions, moving upstream as more head was needed for fire protection. The upper and lower dams shown on map were built in 1920, and the present diversions were built shortly before the war. A vested right exists for the quantity beneficially used prior to June 15, 1917. An application for a supplemental appropriation to cover increasing use since that date can be filed.

As a matter of fact, however, it was only possible to raise part of the old accommodations at Longmire as alternate ones were provided at Paradise. All land between Longmire and Paradise is federally owned, and the only intervening water claim is that of the United States for the Paradise Power Diversion. We see no reason why we should be denied the right to apply and obtain a permit from you to transfer part of the old Longmire county filing if we so desired.

We are particularly interested in obtaining a favorable reaction toward changing points of diversion from one tributary to another because of the unusual behavior of the streams in Mount Rainier National Park. Their sources are glaciers just a few miles above most of our diversions. As the glaciers recede the relative flow in adjacent tributaries varies greatly. As one current example, the Paradise and Stevens Glaciers have receded until they are nominally one. In the last few years the flow toward Stevens Creek, in the Cowlitz River basin, has increased while that toward the Paradise River has decreased. If the same trend continues we shall either have to divert water from Stevens Creek to the Paradise, or move our power plant again. These glaciers have moved back at an average of 100 feet per year over the last thirty years. We do not have as much data on the behavior of Rampart Creek, but it seems quite probable that our need for the Coal Creek diversion is due in part to the behavior of the Kautz and Van Trump Glaciers since 1906.

Yours very truly,

(SIGNED) A. van V. Dunn

AVVD:SH

A. van V. Dunn,
Hydraulic Engineer.

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

C O P Y

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
Ed Davis, Director
Transportation Building
OLYMPIA

August 17, 1943.

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

Dear Sir:

Referring to your letter of August 14, concerning water right filings in Rainier National Park:

To comply with the statutes and rules and regulations promulgated by this office we cannot accept a single application to cover the several points of diversion located on different tributaries of the Misqually River, except that single applications may cover the different diversions in Section 12, and also Sec. 33, Twp. 15 N., Rge. 8 E. and in Sec. 34, Twp. 15 N., Rge. 7 E.

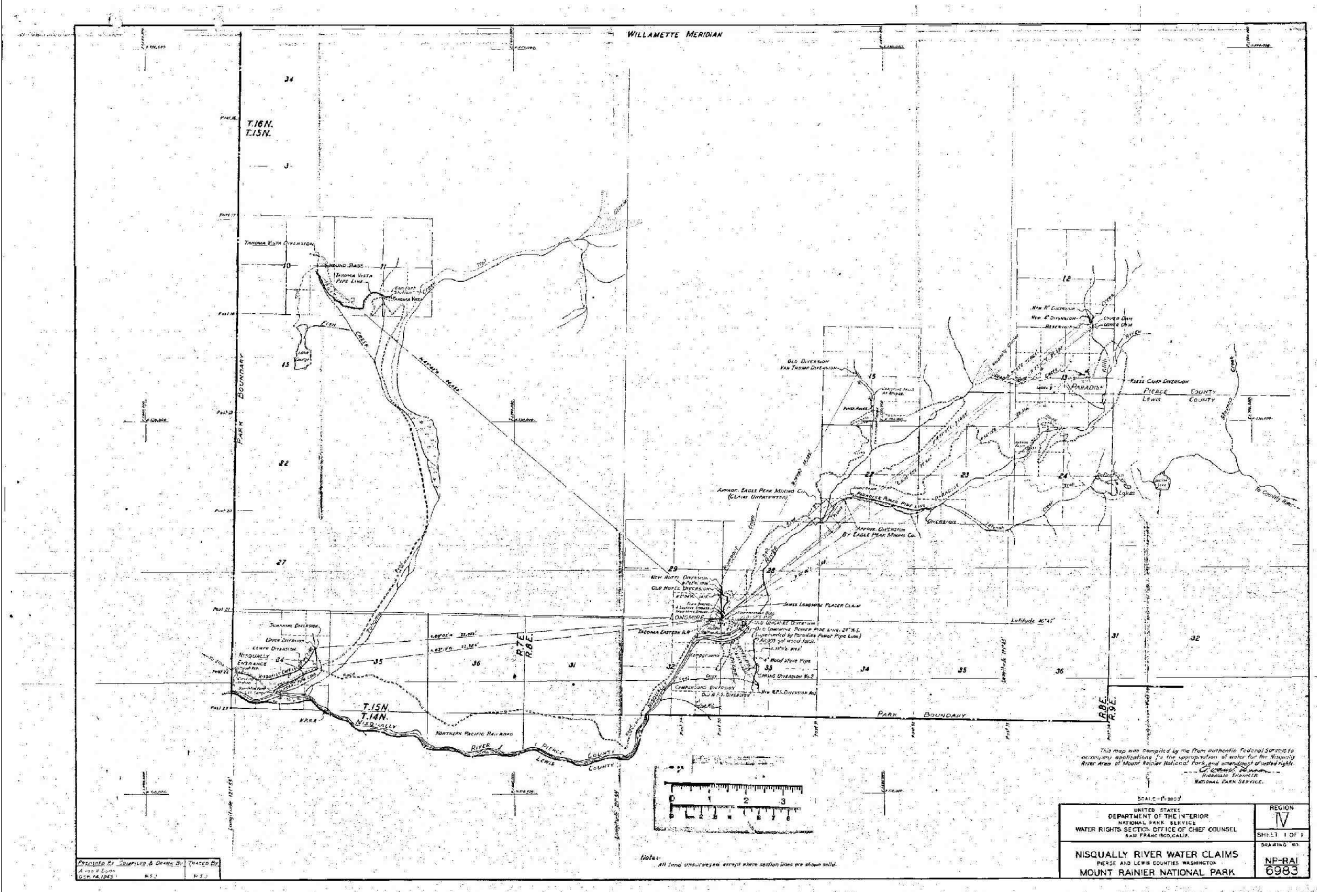
Any waters that were diverted and used before June 15, 1917, the date our Water Code became effective, whether or not water right notices were posted and filed, are vested rights under laws and court decisions in the State. Therefore, no filings on such old rights are necessary, but I assume that all of the diversions in the park have been increased since 1917, thereby making it advisable to file applications for the increased quantities or the whole amount of the diversion.

Yours very truly,

/s/ Chas. J. Bartholet

CHAS. J. BARTHOLET
Supervisor of Hydraulics.

CJB:GH



Docket Information

Number of Documents in Docket 46

Documents Dated from 10/1/1906 to 5/22/1958

Docket Compiled: 5/27/2011