

HE 463

LICENSE & MAP

HE 463



STATE OF OREGON  
COUNTY OF JACKSON  
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

JAMES W. HAMILTON  
P.O. BOX 1283  
ROGUE RIVER, OR 97537

541-951-8973

confirms the right to use the waters of GRAVE CREEK, tributary of the ROGUE RIVER for development of 3.6 THEORETICAL HORSEPOWER (THP).

This time-limited certificate is reissued under application HE 463. The date of priority is APRIL 13, 1983. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 1.75 CUBIC FEET PER SECOND(cfs) measured at the point of diversion from the source.

The point of diversion is located:

SW 1/4 NW 1/4,  
SECTION 28,  
TOWNSHIP 33 SOUTH, RANGE 4 WEST, W.M.

The authorized place of use is:

SW 1/4 NW 1/4  
SECTION 28  
TOWNSHIP 33 SOUTH, RANGE 4 WEST, W.M.

***Appeal Rights***

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

This statement of judicial review rights does not create a right to judicial review of this order, if judicial review is otherwise precluded by law.

The Director finds that the project is well adapted to the development and utilization of the water power involved, that no application for this project or in conflict with this project has been filed by any municipality or utility district, and that the water right holder has paid to the Oregon Water Resources Department (OWRD) all fees required prior to the issuance of this certificate.

The use of water is limited to the amount that the generation facilities can utilize efficiently, and shall not exceed the specifications noted in the water right. The right granted herein is expressly made inferior in right and subsequent in time to any authorized appropriation of water from this source for domestic, municipal, irrigation or any other beneficial consumptive use.

#### WATER RIGHT CERTIFICATE CONDITIONS

1. The total net vegetation adjacent to project waterways that provides shading to the waterways and/or streambank soil stability shall not be degraded or lessened. The water right holder shall consult with the Oregon Department of Environmental Quality (ODEQ) before undertaking any activity that directly or indirectly results in removal of vegetation adjacent to project waterway(s) that provides shade to the waterway(s) and/or provides stream-bank soil stability. (Waterways include, but are not necessarily limited to: bypass stream reaches, siltation/forebay ponds, open-channel diversions, and aboveground pipes.)

During the consultation with DEQ, the water right holder shall provide a description of the activity that results in removal of vegetation and shall describe any mitigation or enhancement that is planned in exchange for the removal. Upon such consultation, the DEQ shall provide to the water right holder and to WRD a written summary of the conclusions from the consultation, including any new requirements and/or allowable changes to the project.

2. Notwithstanding any specific conditions established by this water right, the water right holder must comply with all water quality standards adopted by the Environmental Quality Commission pursuant to state and federal law. ORS 468B.048 and Section 303 of the Clean Water Act.
3. OWRD may alter conditions of the certificate on a clear showing of a significant threat to the public health or safety or the environment that was not identified and addressed during the most recent project authorization proceeding, and that requires modification of the certificate. ORS 543A.145 (5). Such changes could include, but are not limited to, the following:
  - a. New federal listing or a change in status or recovery plan of a threatened or endangered species that may be affected by the project.
  - b. Change in a water quality standard for a water quality parameter that may be

affected by the project.

- c. Development of a Total Maximum Daily Load for a water quality parameter that may be affected by the project.

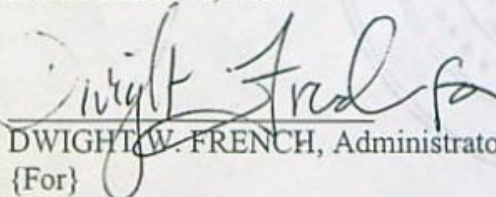
If OWRD proposes to alter conditions, the order shall be in writing and shall consist of a concise statement of the underlying facts supporting the proposed order. Any appeal of the order shall be according to procedures outlined in ORS Chapter 183.

4. The owner must obtain OWRD review and approval before undertaking any repair, maintenance activity, or any change to the project that might significantly and adversely affect water quality, fish and wildlife or public health and safety, including changes to project operation and flows. Oregon Administrative Rules 690-20-025, ORS 543A.025.
5. If at any time an unanticipated situation arises in which the owner observes or suspects that fish, wildlife, or their habitat may be harmed by any of the project facilities or as the result of project operation, the operator shall immediately notify and consult with the nearest office of the Oregon Department of Fish and Wildlife (ODFW); in no case shall such contact occur later than the next business day. The owner shall subsequently restore any damaged fish and wildlife protection features of the project consistent with direction provided by ODFW. ORS Chapter 543A.025.
6. All the fish and wildlife mitigation features shall be properly maintained for the duration of the project. ORS 543A.025 (2)(a) and (5)(d).
7. On October 12, 1983, the licensee and ODFW entered into an agreement pertaining to fish screening facilities and fish passage in the section of the stream between the point of diversion and the point where the water returns to the stream. The agreement includes a provision for 2 cfs of bypass flows to be maintained in Grave Creek. The agreement has been made part of the water right. A copy of the agreement is attached for reference. The owner water right holder shall keep the fish screen free of debris to prevent impingement of fish on the screen. ORS 543A.025 (2)(a)(A)(ii)
8. Upon permanent cessation of power generation, the owner shall remove or modify project facilities to meet decommissioning standards adopted by the Department.
9. The owner shall pay to WRD in accordance with the provisions of ORS 543.078 (2)(b) an annual fee of \$50 on or before the first day of January of each year after issuance of this certificate.
10. The owner shall allow the Director and authorized agents and employees of the ODEQ and ODFW free and unrestricted access in, through, and across the project in the performance of their official duties, and shall allow free access to all

reports, accounts, records, and other data relating to the said project.

11. No substantial change to the project shall be made unless approved by the Director and incorporated into this certificate by appropriate amendment or special order.
12. Failure to comply with any of the provisions of this certificate may result in action including, but not limited to, civil penalties, restrictions on the use or cancellation of the certificate.
13. The land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan. ORS 197.180.
14. Any transfer or sale of a license, rights under a license, or property associated with a project must comply with the requirements of ORS 543.440 regarding prior approval of the OWRD and rights and responsibilities transferred. These laws require that prior to any transfer, the owner shall notify OWRD of the name of the new owner and complete forms provided by the OWRD assigning the hydroelectric project to the new owner. Any successor or assignee shall be subject to all terms and conditions of this certificate. Any mortgage, deed of trust, or other lien is subject and subordinate to the terms and conditions of hydroelectric program law. ORS 543.440.
15. This certificate is issued for the period effective as of the date of issuance through December 31, 2028. On termination of this certificate, such right to the use of water shall revert to an instream water right, unless the project owner applies to OWRD to reauthorize the project.
16. The right to the use of water for power generation is restricted to beneficial use at the place of use described. The use confirmed herein may be made only at times when sufficient water is available to satisfy all prior rights issued before this use was initiated, including rights for maintaining instream flows.

Issued March 21, 2008



DWIGHT W. FRENCH, Administrator of Water Rights & Adjudications

{For}

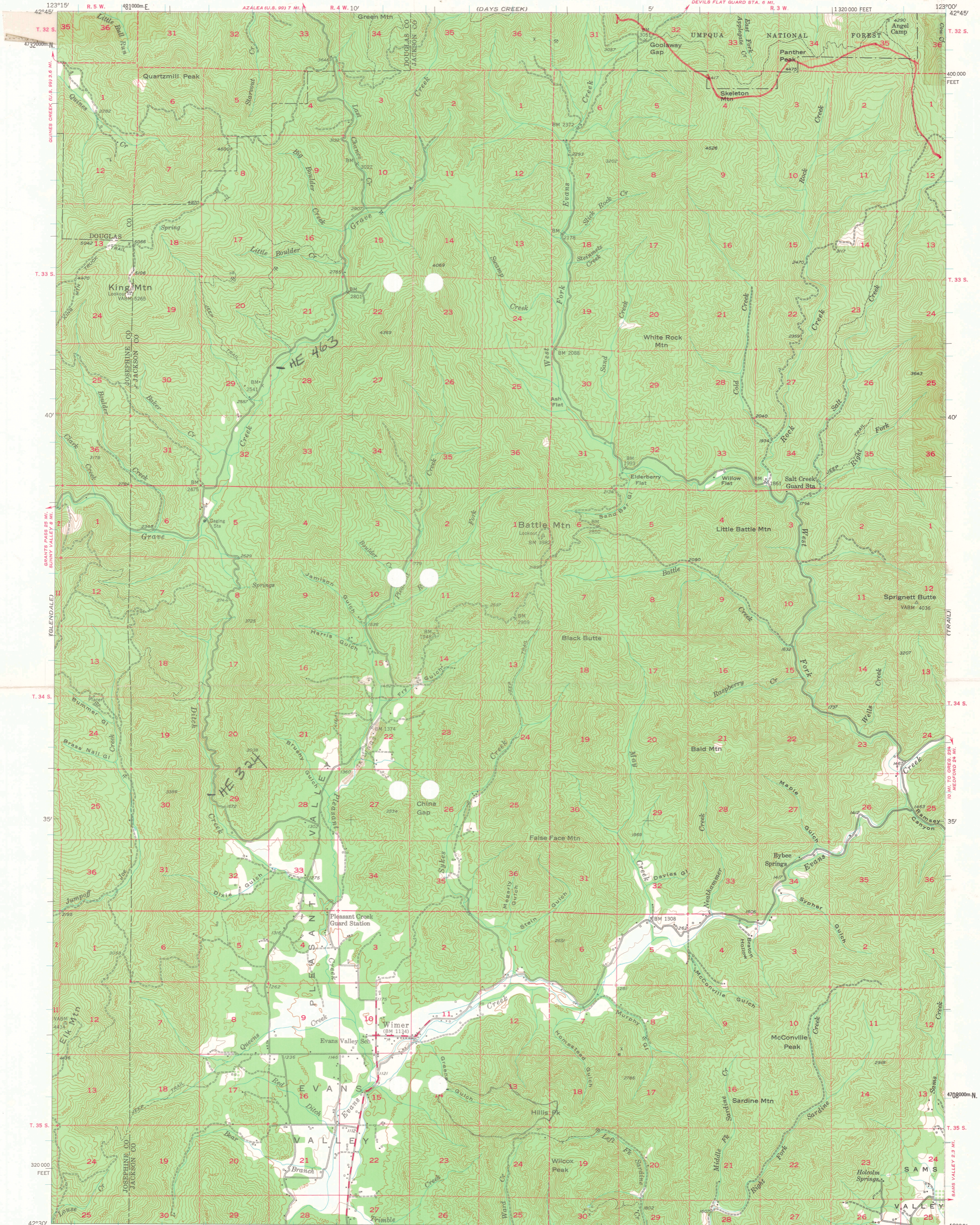
Phil C. Ward, Director

Water Resources Department

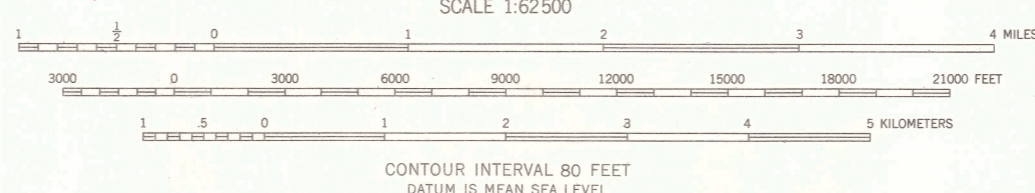
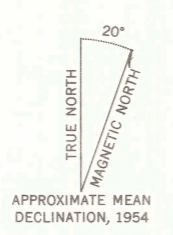
Recorded in State Record of Water Right Certificates, Number 84021

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

WIMER QUADRANGLE  
OREGON  
15 MINUTE SERIES (TOPOGRAPHIC)



Maped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by multiple methods  
Aerial photographs taken 1951 and 1952. Field check 1954  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Oregon coordinate system, south zone  
Dashed land lines indicate approximate locations  
Unchecked elevations are shown in brown  
1000-meter Universal Transverse Mercator grid ticks,  
zone 10, shown in blue



ROAD CLASSIFICATION  
1963  
Medium-duty ——— Light-duty ———  
Unimproved dirt - - - - -

WIMER, OREG.  
N4230-W12300/15  
1954

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

5408  
5317  
5229  
91  
88  
9



IRON PIPE CORNER

396000



Boise Cascade Corporation

UPPER COW ↑

GRAVE CRK ↓

DOUGLAS CO.

JOSEPHINE CO.

389000

KING MTN 5285

384000



SCALE 1:31680  
1 inch = 2640 feet

380000

JOSEPHINE CO.

376000

JACKSON CO.

T335

T345

R4W

368965

1266124

1272000

1278000

1284000

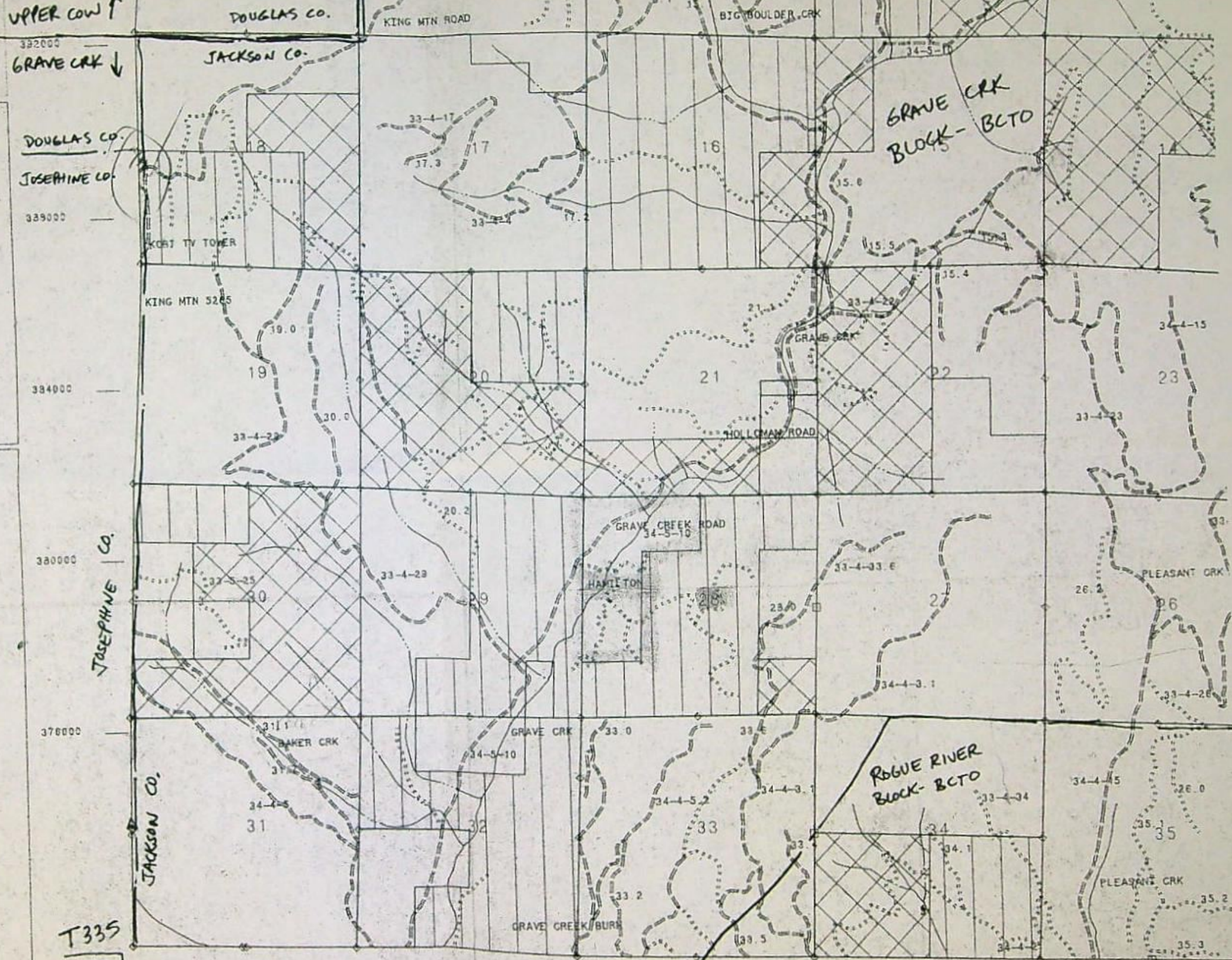
1284000

1289000

121

SOUTHERN OREGON

WEST EVANS, GRAVE CREEK, UPPER COW  
31S4W 31S3W 32S4W 32S3W 33S4W 33S3W  
Rogue River (portion)  
Date: 27 May 1987



IRON PIPE CORNER

338000



Boise Cascade Corporation

UPPER COW ↑  
GRAVE CRK ↓

DOUGLAS CO.

JACKSON CO.

DOUGLAS CO.  
JOSEPHINE CO.

339000

KOBT TV TOWER

KING MTN 5265

334000

380000

JOSEPHINE CO.

378000

JACKSON CO.

T335

T345 R4W

368965

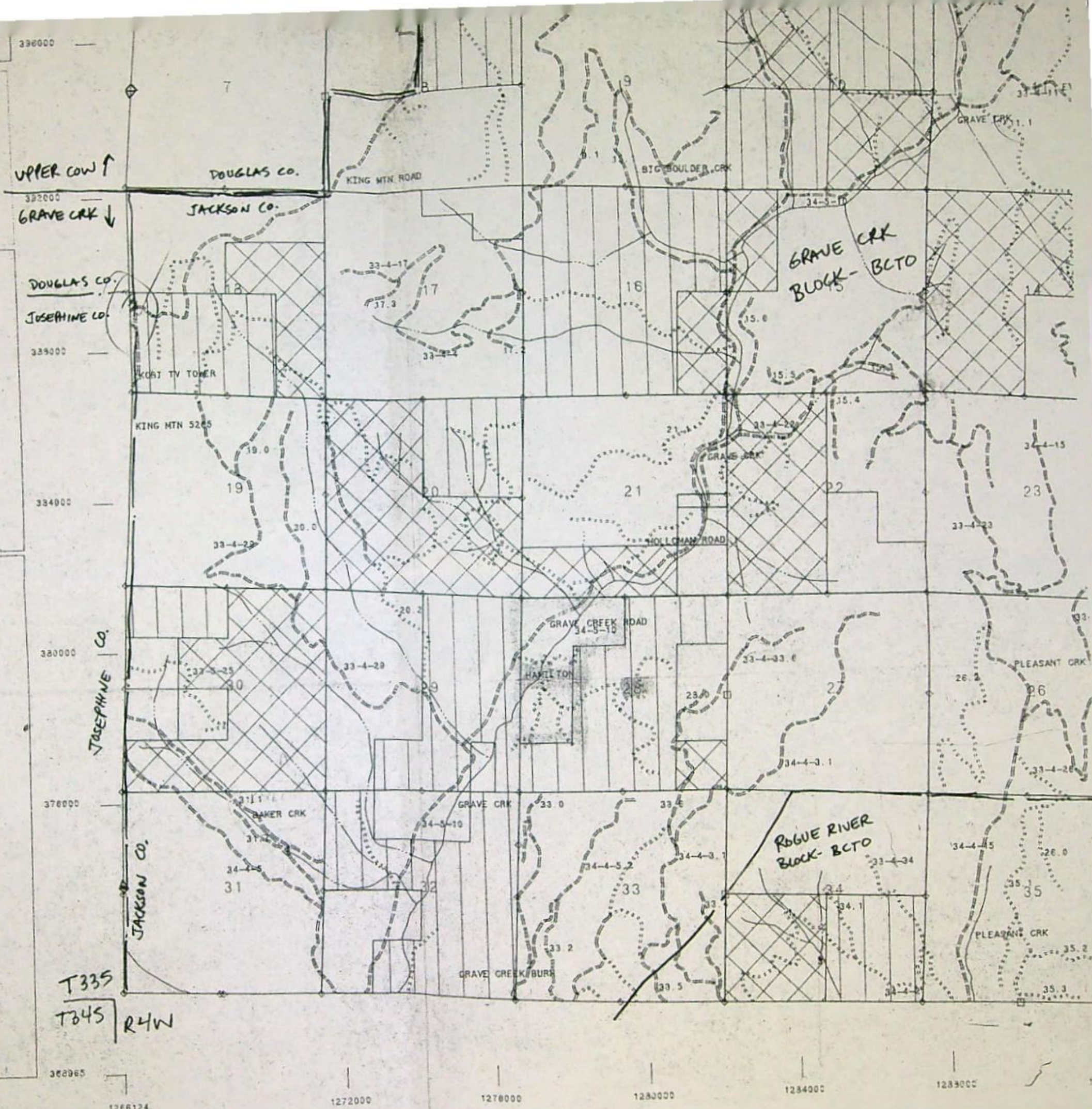


SCALE 1:31680  
1 inch = 2640 feet

SOUTHERN OREGON

WEST EVANS, GRAVE CREEK, UPPER COW  
31S4W 31S3W 32S4W 32S3W 33S4W 33S3W  
Rogue River (portion)

Date: 27 May-1987



1266124

1272000

1278000

1284000

1290000

1296000

121

# ANNUAL FEES

## HE 463

Application recorded ..... thp .....

Receipt ..... \$ .....

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Entered: Basin .....

Entered Stream Index file .....

Entered Plat Card file .....

Published Press Release .....

Preliminary Permit signed by Director .....

License signed by Director .....

Watermaster notified .....

Completion inspection .....

YEAR	AMOUNT	RECEIPT
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License terminates Dec. 31, .....

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **142221**

INVOICE # **AR4HE463**

RECEIVED FROM: <u>ATG Consulting LLC</u>	APPLICATION
BY: _____	PERMIT
	TRANSFER

CASH:  CHECK: # 1195 OTHER: (IDENTIFY)  \_\_\_\_\_

TOTAL REC'D \$ 15.00

<b>1083 TREASURY</b>	<b>4170 WRD MISC CASH ACCT</b>
0407 COPIES	\$ _____
OTHER: (IDENTIFY) _____	\$ _____
0243 I/S Lease _____	0244 Muni Water Mgmt. Plan _____
	0245 Cons. Water _____

<b>4270 WRD OPERATING ACCT</b>	
<b>MISCELLANEOUS</b>	
0407 COPY & TAPE FEES	\$ _____
0410 RESEARCH FEES	\$ _____
0408 MISC REVENUE: (IDENTIFY) _____	\$ _____
TC162 DEPOSIT LIAB. (IDENTIFY) _____	\$ _____
0240 EXTENSION OF TIME	\$ _____
<b>WATER RIGHTS:</b>	
0201 SURFACE WATER	EXAM FEE \$ _____ 0202 \$ _____
0203 GROUND WATER	EXAM FEE \$ _____ 0204 \$ _____
0205 TRANSFER	EXAM FEE \$ _____
<b>WELL CONSTRUCTION</b>	
0218 WELL DRILL CONSTRUCTOR	EXAM FEE \$ _____ 0219 \$ _____
LANDOWNER'S PERMIT	0220 \$ _____
OTHER (IDENTIFY) _____	

<b>0536 TREASURY</b>	<b>0437 WELL CONST. START FEE</b>
0211 WELL CONST START FEE	\$ _____ CARD# _____
0210 MONITORING WELLS	\$ _____ CARD# _____
OTHER (IDENTIFY) _____	

<b>0607 TREASURY</b>	<b>0467 HYDRO ACTIVITY</b>	LIC NUMBER
0233 POWER LICENSE FEE (FW/WRD)		\$ _____
0231 HYDRO LICENSE FEE (FW/WRD)		\$ _____
<u>0246</u> HYDRO APPLICATION		\$ <u>15.00</u>

_____ TREASURY	OTHER / RDX
FUND _____	TITLE _____
OBJ. CODE _____	VENDOR # _____
DESCRIPTION _____	\$ _____

RECEIPT: **142221**

DATED 1-8-2024 BY: [Signature]

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
 SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **142221**

INVOICE # **AR4HE 463**

RECEIVED FROM: ATG Consulting LLC  
 BY: \_\_\_\_\_

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK: #  1195 OTHER: (IDENTIFY)  \_\_\_\_\_

TOTAL REC'D \$ 15.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407	COPIES	\$
_____	OTHER: (IDENTIFY)	\$
0243	I/S Lease _____	
0244	Muni Water Mgmt. Plan _____	
0245	Cons. Water _____	

**4270 WRD OPERATING ACCT**

MISCELLANEOUS		
0407	COPY & TAPE FEES	\$
0410	RESEARCH FEES	\$
0408	MISC REVENUE: (IDENTIFY)	\$
TC162	DEPOSIT LIAB. (IDENTIFY)	\$
0240	EXTENSION OF TIME	\$
WATER RIGHTS:		
0201	SURFACE WATER	\$
0203	GROUND WATER	\$
0205	TRANSFER	\$
WELL CONSTRUCTION		
0218	WELL DRILL CONSTRUCTOR	\$
	LANDOWNER'S PERMIT	\$
_____	OTHER (IDENTIFY)	\$

EXAM FEE	
\$	0202
\$	0204
\$	
EXAM FEE	
\$	0219
	0220

RECORD FEE
\$
\$
LICENSE FEE
\$
\$

**0536 TREASURY 0437 WELL CONST. START FEE**

0211	WELL CONST START FEE	\$	CARD#	
0210	MONITORING WELLS	\$	CARD#	
_____	OTHER (IDENTIFY)			

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233	POWER LICENSE FEE (FW/WRD)	\$
0231	HYDRO LICENSE FEE (FW/WRD)	\$
<u>0246</u>	HYDRO APPLICATION	\$ <u>15.00</u>

**\_\_\_\_\_ TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **142221**

DATED 1-8-2024 BY: [Signature]

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
 SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **140225**

INVOICE # **ARBHE 463**

RECEIVED FROM: Jed I Domingue;  
 BY: Molly H Domingue

APPLICATION
PERMIT
TRANSFER

CASH:  CHECK: # 240 OTHER: (IDENTIFY)

TOTAL REC'D \$ **15.00**

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$

OTHER: (IDENTIFY) \$

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$

0410 RESEARCH FEES \$

0408 MISC REVENUE: (IDENTIFY) \$

TC162 DEPOSIT LIAB. (IDENTIFY) \$

0240 EXTENSION OF TIME \$

**WATER RIGHTS:**

0201 SURFACE WATER 



 0202 \$

0203 GROUND WATER 



 0204 \$

0205 TRANSFER 



 \$

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR 



 0219 \$

LANDOWNER'S PERMIT 0220 \$

OTHER (IDENTIFY) \_\_\_\_\_

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE

0210 MONITORING WELLS

OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD)

0231 HYDRO LICENSE FEE (FW/WRD)

0246 HYDRO APPLICATION

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_

OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_

DESCRIPTION \_\_\_\_\_ \$

RECEIPT: **140225** DATED: 3-2-23 BY: Mindy Cradler

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172  
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **140225**

INVOICE # ARBHE 463

RECEIVED FROM: Jed I Domingue;  
BY: Molly H Dominique

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK: # 240 OTHER: (IDENTIFY)

TOTAL REC'D \$ 15.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$  
OTHER: (IDENTIFY) \$

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$  
0410 RESEARCH FEES \$  
0408 MISC REVENUE: (IDENTIFY) \$  
TC162 DEPOSIT LIAB. (IDENTIFY) \$  
0240 EXTENSION OF TIME \$

**WATER RIGHTS:**

0201 SURFACE WATER	\$	0202	\$
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR	\$	0219	\$
LANDOWNER'S PERMIT		0220	\$

OTHER (IDENTIFY) \_\_\_\_\_

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ CARD# \_\_\_\_\_  
0210 MONITORING WELLS \$ CARD# \_\_\_\_\_

OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FWWRD) \$  
0231 HYDRO LICENSE FEE (FWWRD) \$  
0246 HYDRO APPLICATION \$ 15.00

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
DESCRIPTION \_\_\_\_\_ \$

RECEIPT: **140225** DATED: 3-2-23 BY: Mindy Carlson

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A

SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **134122**

INVOICE #

**ARI HE 463**

RECEIVED FROM: Molly Dominique  
 BY: \_\_\_\_\_

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK # 1054 OTHER: (IDENTIFY)

TOTAL REC'D \$ **50.00**

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES	\$	
OTHER: (IDENTIFY)	\$	
0243 I/S Lease	0244 Muni Water Mgmt. Plan	0245 Cons. Water

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES	\$
0410 RESEARCH FEES	\$
0408 MISC REVENUE: (IDENTIFY)	\$
TC162 DEPOSIT LIAB. (IDENTIFY)	\$
0240 EXTENSION OF TIME	\$

**WATER RIGHTS:**

0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
LANDOWNER'S PERMIT	\$	0220	\$
OTHER (IDENTIFY)			

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE	\$	CARD #
0210 MONITORING WELLS	\$	CARD #
OTHER (IDENTIFY)		

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FWWRD)		\$
0231 HYDRO LICENSE FEE (FWWRD)	<b>HE 463</b>	\$ <b>50.00</b>
HYDRO APPLICATION		\$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **134122**

DATED

**12-11-2020**



STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
 SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **134122**

INVOICE #

*ARI HE 463*

RECEIVED FROM: *Molly Dominique* APPLICATION \_\_\_\_\_  
 BY: \_\_\_\_\_ PERMIT \_\_\_\_\_  
 TRANSFER \_\_\_\_\_

CASH:  CHECK: # *1054* OTHER: (IDENTIFY)  \_\_\_\_\_  
 TOTAL REC'D \$ *50.00*

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$ \_\_\_\_\_  
 OTHER: (IDENTIFY) \$ \_\_\_\_\_  
 0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$ \_\_\_\_\_  
 0410 RESEARCH FEES \$ \_\_\_\_\_  
 0408 MISC REVENUE: (IDENTIFY) \_\_\_\_\_ \$ \_\_\_\_\_  
 TC162 DEPOSIT LIAB. (IDENTIFY) \_\_\_\_\_ \$ \_\_\_\_\_  
 0240 EXTENSION OF TIME \$ \_\_\_\_\_

**WATER RIGHTS:**

	EXAM FEE		RECORD FEE
0201 SURFACE WATER	\$ _____	0202	\$ _____
0203 GROUND WATER	\$ _____	0204	\$ _____
0205 TRANSFER	\$ _____		

**WELL CONSTRUCTION**

	EXAM FEE		LICENSE FEE
0218 WELL DRILL CONSTRUCTOR	\$ _____	0219	\$ _____
LANDOWNER'S PERMIT		0220	\$ _____
OTHER (IDENTIFY) _____			

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ \_\_\_\_\_ CARD # \_\_\_\_\_  
 0210 MONITORING WELLS \$ \_\_\_\_\_ CARD # \_\_\_\_\_  
 OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD) \$ \_\_\_\_\_  
 0231 HYDRO LICENSE FEE (FW/WRD) *HE 463* \$ *50.00*  
 HYDRO APPLICATION \$ \_\_\_\_\_

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **134122**

DATED: *12-11-2020* BY: *[Signature]*



PLEASE SEND PAYMENT WITH UPPER PORTION OF INVOICE TO:

RECEIVED

DEC 11 2020

Oregon Water Resources Department  
Attn: Kim Hall, Fiscal Section  
725 Summer St., Suite A  
Salem, OR 97301-1271

OWRD  
2021 ANNUAL INVOICE

James Hamilton  
PO Box 1283  
Rogue River, OR 97537

Please notify OWRD of any address change

Hydroelectric File #	HE 463
Amount Due	\$ 50.00
Invoice #	AR1HE 463
Invoice date	November 1, 2020
Due Date	January 1, 2021

Hydroelectric Project Owner:

This invoice includes the annual hydroelectric fees for file #HE 463 for the period of January 1 through December 31, 2021. The project is located on Grave Creek. This project fee is based on ORS 543.078(2)(b) \$50 minimum fee. Total THP is 4.

If you have any questions, please call Craig Kohanek at 503-986-0823. Thank you for your attention to this matter.

FOR OFFICE USE ONLY:

Code 690:	\$ 10.10
Code 635:	\$ 32.25
Code 340:	\$ 7.65
OBJ 0246:	\$ 50.00
OBJ 0247:	\$ .00
OBJ 0248:	\$ .00
Fee Class:	D
Fee Split Type:	

Property 26001 upper graves Creek RD  
Wolf creek OR 97497

New owner

Molly Dominique  
Po Box 1233 Grants Pass OR 97528  
(541)324-0791

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
 SALEM, OR 97301-4172  
 (503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **131394**

INVOICE

**AR OHE463**

RECEIVED FROM: James W Hamilton  
 BY: Janet Hamilton

APPLICATION

PERMIT

TRANSFER

CASH:  CHECK: # 1944 OTHER: (IDENTIFY)

TOTAL REC'D \$ **50.00**

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$

OTHER: (IDENTIFY) \$

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$

0410 RESEARCH FEES \$

0408 MISC REVENUE: (IDENTIFY) \$

TC162 DEPOSIT LIAB. (IDENTIFY) \$

0240 EXTENSION OF TIME \$

**WATER RIGHTS:**

**EXAM FEE**

**RECORD FEE**

0201 SURFACE WATER \$ 0202 \$

0203 GROUND WATER \$ 0204 \$

0205 TRANSFER \$

**WELL CONSTRUCTION**

**EXAM FEE**

**LICENSE FEE**

0218 WELL DRILL CONSTRUCTOR \$ 0219 \$

LANDOWNER'S PERMIT 0220 \$

OTHER (IDENTIFY) \_\_\_\_\_

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$

0210 MONITORING WELLS \$

CARD #

CARD #

OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD) \$

0231 HYDRO LICENSE FEE (FW/WRD) \$ **50.00**

**HE 463**

HYDRO APPLICATION \$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_

OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_

DESCRIPTION \_\_\_\_\_ \$

RECEIPT: **131394**

DATED: **11-25-19** BY: Billini

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A

SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **131394**

INVOICE # **ROHE463**

RECEIVED FROM:

BY:

*James W Hamilton*  
*Janet Hamilton*

APPLICATION

PERMIT

TRANSFER

CASH:  CHECK: # 1944 OTHER: (IDENTIFY)

TOTAL REC'D \$ 50.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$

OTHER: (IDENTIFY) \$

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

MISCELLANEOUS

0407 COPY & TAPE FEES \$

0410 RESEARCH FEES \$

0408 MISC REVENUE: (IDENTIFY) \$

TC162 DEPOSIT LIAB. (IDENTIFY) \$

0240 EXTENSION OF TIME \$

WATER RIGHTS:

0201 SURFACE WATER \$

0203 GROUND WATER \$

0205 TRANSFER \$

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR \$

LANDOWNER'S PERMIT \$

OTHER (IDENTIFY) \_\_\_\_\_

EXAM FEE

\$

\$

\$

EXAM FEE

\$

RECORD FEE

\$

\$

LICENSE FEE

\$

\$

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$

0210 MONITORING WELLS \$

OTHER (IDENTIFY) \_\_\_\_\_

CARD #

CARD #

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD) \$

0231 HYDRO LICENSE FEE (FW/WRD) \$ 50.00

HYDRO APPLICATION \$

HE 463

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_

OBJ CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_

DESCRIPTION \_\_\_\_\_ \$

RECEIPT: **131394**

DATED: 11-25-19

BY: *Billini*

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **128566**

INVOICE # **AR9HE403**

RECEIVED FROM: James W Hamilton  
BY: Janet I Hamilton

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK: # 1735 OTHER: (IDENTIFY)

TOTAL REC'D \$ **50.00**

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$  
OTHER: (IDENTIFY) \$

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$  
0410 RESEARCH FEES \$  
0408 MISC REVENUE: (IDENTIFY) \$  
TC162 DEPOSIT LIAB. (IDENTIFY) \$  
0240 EXTENSION OF TIME \$

**WATER RIGHTS:**

0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
LANDOWNER'S PERMIT	\$	0220	\$

OTHER (IDENTIFY) \_\_\_\_\_

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ CARD # \_\_\_\_\_  
0210 MONITORING WELLS \$ CARD # \_\_\_\_\_  
OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD) \$  
0231 HYDRO LICENSE FEE (FW/WRD) HE403 \$ **50.00**  
HYDRO APPLICATION \$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_

OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_

DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **128566**

DATED: 11/26/18 BY: CWittich

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

RECEIPT # **128566**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172  
(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # **AR9HE463**

RECEIVED FROM: <u>James W Hamilton</u>	APPLICATION
BY: <u>Janet Hamilton</u>	PERMIT
	TRANSFER

CASH:  CHECK: # X1735 OTHER: (IDENTIFY)

TOTAL REC'D \$ 50.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES	\$	
OTHER: (IDENTIFY)	\$	
0243 I/S Lease	0244 Muni Water Mgmt. Plan	0245 Cons. Water

**4270 WRD OPERATING ACCT**

MISCELLANEOUS		
0407 COPY & TAPE FEES		\$
0410 RESEARCH FEES		\$
0408 MISC REVENUE: (IDENTIFY)		\$
TC162 DEPOSIT LIAB. (IDENTIFY)		\$
0240 EXTENSION OF TIME		\$
WATER RIGHTS:		EXAM FEE
0201 SURFACE WATER		\$
0203 GROUND WATER		\$
0205 TRANSFER		\$
WELL CONSTRUCTION		EXAM FEE
0218 WELL DRILL CONSTRUCTOR		\$
LANDOWNER'S PERMIT		\$
OTHER (IDENTIFY)		\$

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE	\$	CARD #
0210 MONITORING WELLS	\$	CARD #
OTHER (IDENTIFY)		

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD)		\$
0231 HYDRO LICENSE FEE (FW/WRD)	<u>HE463</u>	\$ <u>50.00</u>
HYDRO APPLICATION		\$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_

OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_

DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **128566** DATED: 11/26/18 BY: CWieltrich

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172  
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **125160**

INVOICE # **AP8HE463**

RECEIVED FROM: James W Hamilton  
BY: Janet I Hamilton

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK # 1514 OTHER: (IDENTIFY)

TOTAL REC'D \$ 50.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$  
OTHER: (IDENTIFY) \$  
0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$  
0410 RESEARCH FEES \$  
0408 MISC REVENUE: (IDENTIFY) \$  
TC162 DEPOSIT LIAB. (IDENTIFY) \$  
0240 EXTENSION OF TIME \$

**WATER RIGHTS:**

0201 SURFACE WATER	\$	0202	\$
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR	\$	0219	\$
LANDOWNER'S PERMIT		0220	\$
OTHER (IDENTIFY)			

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ CARD # \_\_\_\_\_  
0210 MONITORING WELLS \$ CARD # \_\_\_\_\_  
OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD) \$  
0231 HYDRO LICENSE FEE (FW/WRD) HE463 \$ 50.00  
HYDRO APPLICATION \$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **125160**

DATED: 11-13-17 BY: [Signature]

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172  
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **125160**

INVOICE # **AP8HE463**

RECEIVED FROM: James W Hamilton  
BY: Janet I Hamilton

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK # 1514 OTHER: (IDENTIFY)

TOTAL REC'D \$ 50.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$  
OTHER: (IDENTIFY) \$

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$  
0410 RESEARCH FEES \$  
0408 MISC REVENUE: (IDENTIFY) \$  
TC162 DEPOSIT LIAB. (IDENTIFY) \$  
0240 EXTENSION OF TIME \$

**WATER RIGHTS:**

0201 SURFACE WATER	\$	0202	\$
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR	\$	0219	\$
LANDOWNER'S PERMIT		0220	\$

OTHER (IDENTIFY) \_\_\_\_\_

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ **CARD #**  
0210 MONITORING WELLS \$ **CARD #**

OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FWWRD) \$  
0231 HYDRO LICENSE FEE (FWWRD) \$ HE463 \$ 50.00  
HYDRO APPLICATION \$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **125160**

DATED: 11-13-17 BY: [Signature]



**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

RECEIPT # **121924**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172  
(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # **ARHE 463**

RECEIVED FROM: James W. Hamilton  
BY: Jinet I. Hamilton

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK: # 1287 OTHER: (IDENTIFY)

TOTAL REC'D \$ **50.00**

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$  
OTHER: (IDENTIFY) \$

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$  
0410 RESEARCH FEES \$  
0408 MISC REVENUE: (IDENTIFY) \$  
TC162 DEPOSIT LIAB. (IDENTIFY) \$  
0240 EXTENSION OF TIME \$

**WATER RIGHTS:**

0201 SURFACE WATER	\$	0202	\$
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR	\$	0219	\$
LANDOWNER'S PERMIT		0220	\$

OTHER (IDENTIFY) \_\_\_\_\_

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ CARD # \_\_\_\_\_  
0210 MONITORING WELLS \$ CARD # \_\_\_\_\_

OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD) \$  
0231 HYDRO LICENSE FEE (FW/WRD) HE 463 \$ **50.00**  
HYDRO APPLICATION \$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **121924**

DATED: 11/17/15 BY: K. Hall

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

RECEIPT # **121924**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172  
(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # **ARHE 463**

RECEIVED FROM: <u>James W. Hamilton</u>	APPLICATION
BY: <u>Inet I. Hamilton</u>	PERMIT
	TRANSFER

CASH:  CHECK: #  1287 OTHER: (IDENTIFY)  \_\_\_\_\_

TOTAL REC'D \$ 50.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$ \_\_\_\_\_  
 \_\_\_\_\_ OTHER: (IDENTIFY) \$ \_\_\_\_\_

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$ \_\_\_\_\_  
 0410 RESEARCH FEES \$ \_\_\_\_\_  
 0408 MISC REVENUE: (IDENTIFY) \_\_\_\_\_ \$ \_\_\_\_\_  
 TC162 DEPOSIT LIAB. (IDENTIFY) \_\_\_\_\_ \$ \_\_\_\_\_  
 0240 EXTENSION OF TIME \$ \_\_\_\_\_

**WATER RIGHTS:**

	<b>EXAM FEE</b>		<b>RECORD FEE</b>
0201 SURFACE WATER	\$ _____	0202	\$ _____
0203 GROUND WATER	\$ _____	0204	\$ _____
0205 TRANSFER	\$ _____		

**WELL CONSTRUCTION**

	<b>EXAM FEE</b>		<b>LICENSE FEE</b>
0218 WELL DRILL CONSTRUCTOR	\$ _____	0219	\$ _____
LANDOWNER'S PERMIT		0220	\$ _____

\_\_\_\_\_ OTHER (IDENTIFY) \_\_\_\_\_

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ \_\_\_\_\_ CARD # \_\_\_\_\_  
 0210 MONITORING WELLS \$ \_\_\_\_\_ CARD # \_\_\_\_\_

\_\_\_\_\_ OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD) \$ \_\_\_\_\_  
 0231 HYDRO LICENSE FEE (FW/WRD) HE 463 \$ 50.00  
 \_\_\_\_\_ HYDRO APPLICATION \$ \_\_\_\_\_

**\_\_\_\_\_ TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **121924** DATED: 11/17/15 BY: K. Hall

STATE OF OREGON  
 WATER RESOURCES DEPARTMENT

725 Summer St. N.E. Ste. A  
 SALEM, OR 97301-4172  
 (503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # 117989

INVOICE # AR 611E 463

RECEIVED FROM: James W Hamilton;  
 BY: Janet I Hamilton

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK #  1013 OTHER: (IDENTIFY)

TOTAL REC'D \$50.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES	\$	
OTHER: (IDENTIFY)	\$	
0243 I/S Lease	0244 Muni Water Mgmt. Plan	0245 Cons. Water

4270 WRD OPERATING ACCT

MISCELLANEOUS

0407 COPY & TAPE FEES	\$
0410 RESEARCH FEES	\$
0408 MISC REVENUE: (IDENTIFY)	\$
TC162 DEPOSIT LIAB. (IDENTIFY)	\$
0240 EXTENSION OF TIME	\$

WATER RIGHTS:

0201 SURFACE WATER	EXAM FEE	RECORD FEE	
\$	0202	\$	
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	LICENSE FEE
\$	0219	\$
LANDOWNER'S PERMIT	0220	\$
OTHER (IDENTIFY)		

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD #
0210 MONITORING WELLS	\$	CARD #
OTHER (IDENTIFY)		

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)	\$
0231 HYDRO LICENSE FEE (FW/WRD)	HE 463 \$50.00
HYDRO APPLICATION	\$

TREASURY OTHER / RDX

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: 117989

DATED: 11/12/15 BY: E. Lyndal King

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **114000**

INVOICE # **AR5HE463**

RECEIVED FROM: James & Janet Hamilton

APPLICATION	
PERMIT	
TRANSFER	

BY: \_\_\_\_\_

CASH:  CHECK: # ✓ 9685 OTHER: (IDENTIFY)

TOTAL REC'D \$ **50.00**

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$ \_\_\_\_\_  
 OTHER: (IDENTIFY) \$ \_\_\_\_\_

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$ \_\_\_\_\_  
 0410 RESEARCH FEES \$ \_\_\_\_\_  
 0408 MISC REVENUE: (IDENTIFY) \$ \_\_\_\_\_  
 TC162 DEPOSIT LIAB. (IDENTIFY) \$ \_\_\_\_\_  
 0240 EXTENSION OF TIME \$ \_\_\_\_\_

**WATER RIGHTS:**

0201 SURFACE WATER	EXAM FEE \$ _____	0202 RECORD FEE \$ _____
0203 GROUND WATER	\$ _____	0204 \$ _____
0205 TRANSFER	\$ _____	

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR	EXAM FEE \$ _____	0219 LICENSE FEE \$ _____
LANDOWNER'S PERMIT		0220 \$ _____

OTHER (IDENTIFY) \_\_\_\_\_

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ \_\_\_\_\_ CARD # \_\_\_\_\_  
 0210 MONITORING WELLS \$ \_\_\_\_\_ CARD # \_\_\_\_\_

OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FWWRD) \$ \_\_\_\_\_  
 0231 HYDRO LICENSE FEE (FWWRD) **HE 463** \$ **50.00**  
 HYDRO APPLICATION \$ \_\_\_\_\_

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_

OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_

DESCRIPTION \$ \_\_\_\_\_

RECEIPT: **114000**

DATED 11/12/14 BY: Equlette Lopez

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
 SALEM, OR 97301-4172  
 (503) 986-0900 / (503) 986-0904 (fax)

RECEIPT #

110735

INVOICE #

AR4HC463

RECEIVED FROM:

James Hamilton  
 Janet Hamilton

APPLICATION

PERMIT

TRANSFER

BY:

CASH:

CHECK: #

OTHER: (IDENTIFY)

29438

TOTAL REC'D

\$ 50.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES

\$

OTHER: (IDENTIFY)

\$

0243 I/S Lease

0244 Muni Water Mgmt. Plan

0245 Cons. Water

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES

\$

0410 RESEARCH FEES

\$

0408 MISC REVENUE: (IDENTIFY)

\$

TC162 DEPOSIT LIAB. (IDENTIFY)

\$

0240 EXTENSION OF TIME

\$

**WATER RIGHTS:**

0201 SURFACE WATER

**EXAM FEE**

\$

0202

\$

0203 GROUND WATER

\$

0204

\$

0205 TRANSFER

\$

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR

**EXAM FEE**

\$

0219

\$

LANDOWNER'S PERMIT

0220

\$

OTHER (IDENTIFY)

**RECORD FEE**

\$

\$

**LICENSE FEE**

\$

\$

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE

\$

CARD #

0210 MONITORING WELLS

\$

CARD #

OTHER (IDENTIFY)

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD)

\$

0231 HYDRO LICENSE FEE (FW/WRD)

He 463

\$ 50.00

HYDRO APPLICATION

\$

**TREASURY OTHER / RDX**

FUND TITLE

OBJ. CODE VENDOR #

DESCRIPTION

\$

RECEIPT:

110735

DATED:

12-19-13

BY:

Mchata

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
 SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **107330**

INVOICE # **AR3HE 463**

RECEIVED FROM: James + Janet Hamilton

BY: \_\_\_\_\_

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK:#  9151 OTHER: (IDENTIFY)

TOTAL REC'D \$ 50.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$  
 \_\_\_\_\_ OTHER: (IDENTIFY) \_\_\_\_\_ \$

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$  
 0410 RESEARCH FEES \$  
 0408 MISC REVENUE: (IDENTIFY) \_\_\_\_\_ \$  
 TC162 DEPOSIT LIAB. (IDENTIFY) \_\_\_\_\_ \$  
 0240 EXTENSION OF TIME \$

**WATER RIGHTS:**

0201 SURFACE WATER	EXAM FEE \$	0202	RECORD FEE \$
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR	EXAM FEE \$	0219	LICENSE FEE \$
LANDOWNER'S PERMIT		0220	\$

\_\_\_\_\_ OTHER (IDENTIFY) \_\_\_\_\_

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ CARD # \_\_\_\_\_  
 0210 MONITORING WELLS \$ CARD # \_\_\_\_\_

\_\_\_\_\_ OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD) \$  
 0231 HYDRO LICENSE FEE (FW/WRD) HE 463 \$ 50.00  
 \_\_\_\_\_ HYDRO APPLICATION \$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_

OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_

DESCRIPTION \_\_\_\_\_ \$

RECEIPT: **107330**

DATED: 11-13-12 BY: Z Bell

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
 SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **104404**

INVOICE # **AR ZHE463**

RECEIVED FROM: James + Janet Hamilton  
 BY: \_\_\_\_\_

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK # 8859 OTHER: (IDENTIFY)

TOTAL REC'D \$ 50.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES	\$
OTHER: (IDENTIFY)	\$
0243 I/S Lease	
0244 Muni Water Mgmt. Plan	
0245 Cons. Water	

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES	\$
0410 RESEARCH FEES	\$
0408 MISC REVENUE: (IDENTIFY)	\$
TC162 DEPOSIT LIAB. (IDENTIFY)	\$
0240 EXTENSION OF TIME	\$

**WATER RIGHTS:**

0201 SURFACE WATER	EXAM FEE \$	0202 RECORD FEE \$
0203 GROUND WATER	\$	0204 \$
0205 TRANSFER	\$	

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR	EXAM FEE \$	0219 LICENSE FEE \$
LANDOWNER'S PERMIT		0220 \$
OTHER (IDENTIFY)		

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE	\$	CARD #
0210 MONITORING WELLS	\$	CARD #
OTHER (IDENTIFY)		

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD)		\$
0231 HYDRO LICENSE FEE (FW/WRD)	<u>HE463</u>	\$ <u>50.00</u>
HYDRO APPLICATION		\$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **104404**

DATED: 11-9-11 BY: QR

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
 SALEM, OR 97301-4172  
 (503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **101651**

INVOICE # **ARIHE463**

RECEIVED FROM: James + Janet I Hamilton  
 BY: \_\_\_\_\_

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK # HE463 OTHER: (IDENTIFY)

TOTAL REC'D \$ 50.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407	COPIES	\$
_____	OTHER: (IDENTIFY) _____	\$
0243	I/S Lease _____	
0244	Muni Water Mgmt. Plan _____	
0245	Cons. Water _____	

**4270 WRD OPERATING ACCT**

MISCELLANEOUS		
0407	COPY & TAPE FEES	\$
0410	RESEARCH FEES	\$
0408	MISC REVENUE: (IDENTIFY) _____	\$
TC162	DEPOSIT LIAB. (IDENTIFY) _____	\$
0240	EXTENSION OF TIME	\$
WATER RIGHTS:		
		<b>EXAM FEE</b>
0201	SURFACE WATER	\$ 0202
0203	GROUND WATER	\$ 0204
0205	TRANSFER	\$
WELL CONSTRUCTION		
		<b>EXAM FEE</b>
0218	WELL DRILL CONSTRUCTOR	\$ 0219
	LANDOWNER'S PERMIT	\$ 0220
_____	OTHER (IDENTIFY) _____	

**0536 TREASURY 0437 WELL CONST. START FEE**

0211	WELL CONST START FEE	\$	CARD #
0210	MONITORING WELLS	\$	CARD #
_____	OTHER (IDENTIFY) _____		

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233	POWER LICENSE FEE (FW/WRD)	\$
0231	HYDRO LICENSE FEE (FW/WRD)	\$ <u>50.00</u>
_____	HYDRO APPLICATION	\$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **101651**

DATED: 11-16-10 BY: AR



**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A

SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT #

**98612**

INVOICE #

**ARONE463**

RECEIVED FROM:

*James Hamilton*

BY:

APPLICATION

PERMIT

TRANSFER

CASH:

CHECK #

**0309**

OTHER: (IDENTIFY)

TOTAL REC'D

\$ **50.00**

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407

COPIES

\$

OTHER:

(IDENTIFY)

\$

0243 I/S Lease

0244 Muni Water Mgmt. Plan

0245 Cons. Water

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407

COPY & TAPE FEES

\$

0410

RESEARCH FEES

\$

0408

MISC REVENUE: (IDENTIFY)

\$

TC162

DEPOSIT LIAB. (IDENTIFY)

\$

0240

EXTENSION OF TIME

\$

**WATER RIGHTS:**

0201

SURFACE WATER

**EXAM FEE**

\$

0202

**RECORD FEE**

\$

0203

GROUND WATER

\$

0204

\$

0205

TRANSFER

\$

**WELL CONSTRUCTION**

0218

WELL DRILL CONSTRUCTOR

**EXAM FEE**

\$

0219

**LICENSE FEE**

\$

LANDOWNER'S PERMIT

0220

\$

OTHER

(IDENTIFY)

**0536 TREASURY 0437 WELL CONST. START FEE**

0211

WELL CONST START FEE

\$

CARD #

0210

MONITORING WELLS

\$

CARD #

OTHER

(IDENTIFY)

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233

POWER LICENSE FEE (FWWRD)

**62463**

\$

0231

HYDRO LICENSE FEE (FWWRD)

\$

HYDRO APPLICATION

**HE 4163**

\$

**50.00**

**TREASURY**

**OTHER / RDX**

FUND

TITLE

OBJ. CODE

VENDOR #

DESCRIPTION

\$

RECEIPT:

**98612**

DATED:

**11/23/09**

BY:

*K. W. Hall*

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172  
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **94968**

INVOICE # **AR9HE463**

RECEIVED FROM: James + Janet Hamilton

BY: \_\_\_\_\_

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK:#  7583 OTHER: (IDENTIFY)  \_\_\_\_\_

TOTAL REC'D \$ 50.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407	COPIES	\$
_____	OTHER: (IDENTIFY) _____	\$
0243 I/S Lease _____	0244 Muni Water Mgmt. Plan _____	0245 Cons. Water _____

**4270 WRD OPERATING ACCT**

<b>MISCELLANEOUS</b>				
0407	COPY & TAPE FEES		\$	
0410	RESEARCH FEES		\$	
0408	MISC REVENUE: (IDENTIFY) _____		\$	
TC162	DEPOSIT LIAB. (IDENTIFY) _____		\$	
0240	EXTENSION OF TIME		\$	
<b>WATER RIGHTS:</b>				
0201	SURFACE WATER	\$	0202	\$
0203	GROUND WATER	\$	0204	\$
0205	TRANSFER	\$		
<b>WELL CONSTRUCTION</b>				
0218	WELL DRILL CONSTRUCTOR	\$	0219	\$
	LANDOWNER'S PERMIT		0220	\$
_____	OTHER (IDENTIFY) _____			

**0536 TREASURY 0437 WELL CONST. START FEE**

0211	WELL CONST START FEE	\$	CARD #	
0210	MONITORING WELLS	\$	CARD #	
_____	OTHER (IDENTIFY) _____			

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233	POWER LICENSE FEE (FWWRD)		\$
0231	HYDRO LICENSE FEE (FWWRD)	<u>HE463</u>	\$ <u>50.00</u>
_____	HYDRO APPLICATION		\$

**TREASURY OTHER / RDX**

FUND _____	TITLE _____	
OBJ. CODE _____	VENDOR # _____	
DESCRIPTION _____		\$

RECEIPT: **94968**

DATED: 11/19/08 BY: L. Bell

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172  
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **91452**

INVOICE # **ARS HE 463**

RECEIVED FROM: James + Janet Hamilton  
BY: \_\_\_\_\_

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK: # 7953 OTHER: (IDENTIFY)

TOTAL REC'D \$ 15.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$ \_\_\_\_\_  
OTHER: (IDENTIFY) \$ \_\_\_\_\_  
0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$ \_\_\_\_\_  
0410 RESEARCH FEES \$ \_\_\_\_\_  
0408 MISC REVENUE: (IDENTIFY) \_\_\_\_\_ \$ \_\_\_\_\_  
TC162 DEPOSIT LIAB. (IDENTIFY) \_\_\_\_\_ \$ \_\_\_\_\_  
0240 EXTENSION OF TIME \$ \_\_\_\_\_

**WATER RIGHTS:**

0201 SURFACE WATER	\$ _____	0202	\$ _____
0203 GROUND WATER	\$ _____	0204	\$ _____
0205 TRANSFER	\$ _____		

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR	\$ _____	0219	\$ _____
LANDOWNER'S PERMIT		0220	\$ _____
OTHER (IDENTIFY) _____			

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ \_\_\_\_\_ CARD # \_\_\_\_\_  
0210 MONITORING WELLS \$ \_\_\_\_\_ CARD # \_\_\_\_\_  
OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FWWRD) \$ \_\_\_\_\_  
0231 HYDRO LICENSE FEE (FWWRD) HE 463 \$ 1500  
HYDRO APPLICATION \$ \_\_\_\_\_

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **91452**

DATED: 2/14/08 BY: L. Pasalle

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A

SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **85184**

INVOICE # **ARZHE463**

RECEIVED FROM: James Hamilton

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK #  7566 OTHER: (IDENTIFY)

TOTAL REC'D \$ 15.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$  
 OTHER: (IDENTIFY) \$

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

MISCELLANEOUS

0407 COPY & TAPE FEES \$  
 0410 RESEARCH FEES \$  
 0408 MISC REVENUE: (IDENTIFY) \$  
 TC162 DEPOSIT LIAB. (IDENTIFY) \$  
 0240 EXTENSION OF TIME \$

WATER RIGHTS:

0201 SURFACE WATER	\$	0202	RECORD FEE	\$
0203 GROUND WATER	\$	0204		\$
0205 TRANSFER	\$			
			LICENSE FEE	
0218 WELL DRILL CONSTRUCTOR	\$	0219		\$
LANDOWNER'S PERMIT		0220		\$

OTHER (IDENTIFY) \_\_\_\_\_

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ CARD # \_\_\_\_\_  
 0210 MONITORING WELLS \$ CARD # \_\_\_\_\_  
 OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD) \$  
 0231 HYDRO LICENSE FEE (FW/WRD) \$ **HE463**  
 HYDRO APPLICATION \$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_

OBJ CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_

DESCRIPTION \_\_\_\_\_ \$

RECEIPT: **85184**

DATED: 11/8/06 BY: L. Paschke

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
 SALEM, OR 97301-4172  
 (503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **78599**

INVOICE # **AR6HE463**

RECEIVED FROM: James Hamilton  
 BY: \_\_\_\_\_

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK: # 7272 OTHER: (IDENTIFY)

TOTAL REC'D \$ **15.00**

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES		\$
OTHER: (IDENTIFY)		\$
0243 I/S Lease	0244 Muni Water Mgmt. Plan	0245 Cons. Water

**4270 WRD OPERATING ACCT**

MISCELLANEOUS

0407 COPY & TAPE FEES		\$
0410 RESEARCH FEES		\$
0408 MISC REVENUE: (IDENTIFY)		\$
TC162 DEPOSIT LIAB. (IDENTIFY)		\$
0240 EXTENSION OF TIME		\$

WATER RIGHTS:

0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE	\$
0203 GROUND WATER	\$	0204	\$	
0205 TRANSFER	\$			

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE	\$
LANDOWNER'S PERMIT	\$	0220	\$	
OTHER (IDENTIFY)				

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE	\$	CARD #
0210 MONITORING WELLS	\$	CARD #
OTHER (IDENTIFY)		

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FWWRD)		\$
0231 HYDRO LICENSE FEE (FWWRD)	<b>HE463</b>	\$ <b>15.00</b>
HYDRO APPLICATION		\$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **78599**

DATED: 1/9/05 BY: Jan Smil

Insp.

HE 463

#2-1990

Application recorded April 13, 1983

3.64 thp

Receipt 35883, 04/13/83

\$15.00

Entered: Basin/5 Rogue River Misc.

pg. 15-782

Entered stream index file, T33S, R4W, S28, SW NW

Entered plat card file, T33S, R4W, S28, SW NW

Published press release 4-15-83

License signed by Director 3-5-84

Watermaster notified 3-8-84

Completion inspection 8-21-85

F&W notified 3-8-84

YEAR	AMOUNT	RECEIPT
1985	\$3.75	45063
1986	3.75	48589
1987	3.75	51308
1988	3.75	54254
1989	3.75	56962
1990	3.75	60495
1991	3.75	69085
1992	3.75	81080
1993	3.75	94887
1994	3.75	107383
1995	3.75	120704
1997	3.75	8696
Reauth	5.63	15098
1998	15.00	17780
1999	15.00	26191

License terminates Dec. 31, 2004

6-9-83 Talked to Bob Steiner - He'll check further - see no  
apparent problems

Home  
Phone # 770-9988

Phone Work # 664-5148

PHOTOS

HE 463



velope

Initial **H** Last Name Hamilton First Janet Phone 471-3767  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip 12/30/02

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**Index Print**  
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 (Enclose separate reorder form)


▼ Please Do Not Write Or Attach Anything Below ▼



8 0 8 0

2-24-0152-1901-135521

R22616B

A photograph of a geological sample, possibly a rock face or soil profile, showing various textures and colors including brown, grey, and blue. A white rectangular label is placed on the upper part of the sample. The label contains handwritten text in black ink. The background is a complex, layered geological structure with some blue staining or mineral deposits.

↓ DIVERSION  
1/8" PUNCH  
PLATE  
30" x 24"

























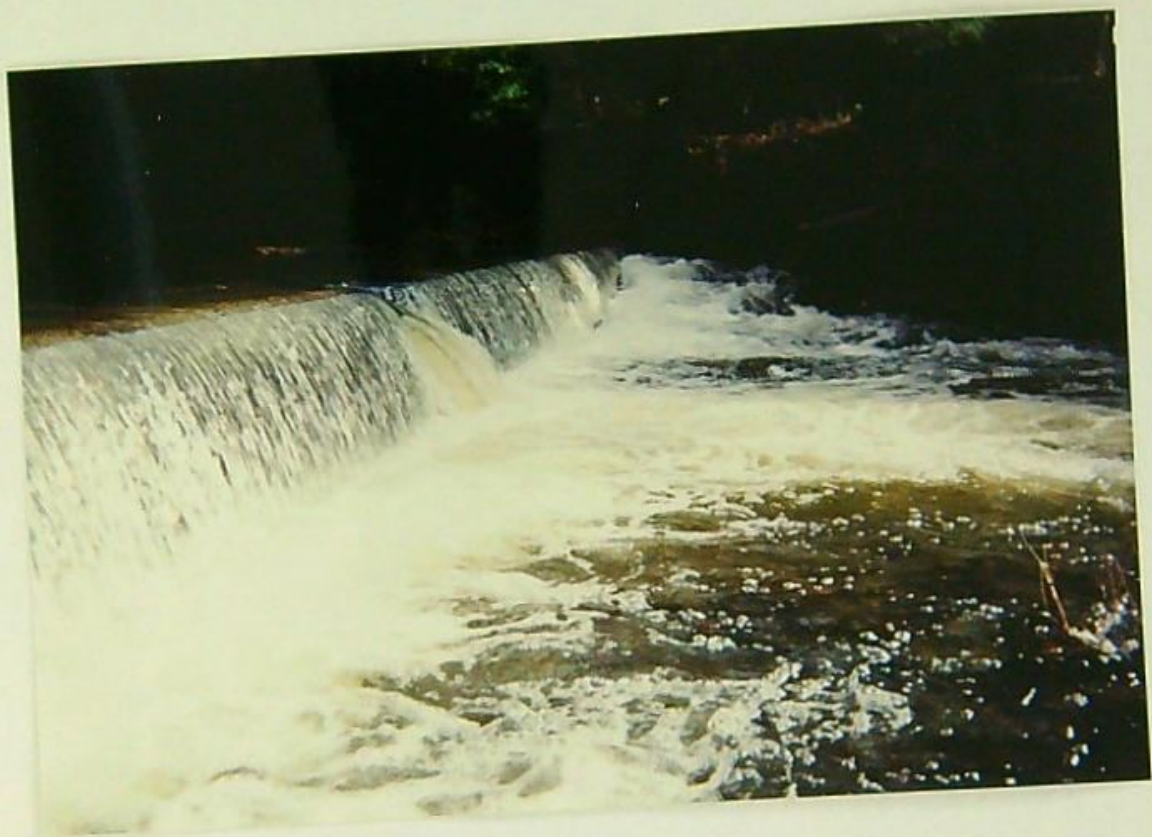






















HAMILTON  
Electric Company

100













HAMILTON - HE 463.

## Picture Index

1. Diversion screen

2. Div ..  $\frac{1}{2}$  Pipe et dam

3. Pipe  $\frac{1}{2}$  Dam

4. Dam

5. Pipe line downstream of diversion

6. Powerhouse

7. Francis Turbine

8-10  
~~8-10~~ Tail Race

11. Screen

12. Tailrace

13. Return to stream

REARTHORISE  
HE 463

**Craig Kohanek**

---

**From:** Mary Graine [grainems@wrd.state.or.us]

**Sent:** Thursday, May 01, 2008 5:08 PM

**To:** KOHANEK Ron C

**Subject:** Hamilton Relicensing

Craig, On this relicensing I think we need to provide notice of a Proposed Final Order and Proposed Certificate.

The last notice was the Draft Proposed Order that had a comment period completed Feb 29<sup>th</sup>.

I pulled the certificate from the Mountain Energy file so that I could add it to the fee spreadsheet. I think we skipped the above notice requirement when we produced this certificate.

I would like you to provide me with a copy of all future final certificates, so that I can keep the fees updated.

Thank you for your cooperation on this. -- Mary.

Mary S. Graine, P.E., C.W.R.E

503-986-0833

[Mary.S.Graine@wrd.state.or.us](mailto:Mary.S.Graine@wrd.state.or.us)

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A

SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **91806**

INVOICE #

RECEIVED FROM: JAMES & JANET I HAMILTON  
 BY:

APPLICATION	
PERMIT	
TRANSFER	

CASH  CHECK #  7979 OTHER: (IDENTIFY)

TOTAL REC'D \$ 187.50

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$  
 OTHER: (IDENTIFY) \$

0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$  
 0410 RESEARCH FEES \$  
 0408 MISC REVENUE: (IDENTIFY) \$  
 TC162 DEPOSIT LIAB. (IDENTIFY) \$  
 0240 EXTENSION OF TIME \$

**WATER RIGHTS:**

0201 SURFACE WATER	\$	0202	\$
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		

**WELL CONSTRUCTION**

0218 WELL DRILL CONSTRUCTOR	\$	0219	\$
LANDOWNER'S PERMIT		0220	\$

OTHER (IDENTIFY) \_\_\_\_\_

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ CARD # \_\_\_\_\_  
 0210 MONITORING WELLS \$ CARD # \_\_\_\_\_  
 OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FWWRD) \$  
 0231 HYDRO LICENSE FEE (FWWRD) HE463 \$ 187.50  
 HYDRO APPLICATION App ReAuthorization \$

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE PCA 601001  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **91806**

DATED: 3/19/08 BY: [Signature]



**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **91806**

INVOICE # [REDACTED]

RECEIVED FROM: JAMES + JAVET I HAMILTON

APPLICATION	
PERMIT	
TRANSFER	

BY:  CASH  CHECK: # 7979  OTHER: (IDENTIFY) \_\_\_\_\_

TOTAL REC'D \$ 187.50

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES		\$
OTHER: (IDENTIFY)		\$
0243 I/S Lease	0244 Muni Water Mgmt. Plan	0245 Cons. Water

**4270 WRD OPERATING ACCT**

<b>MISCELLANEOUS</b>		
0407 COPY & TAPE FEES		\$
0410 RESEARCH FEES		\$
0408 MISC REVENUE: (IDENTIFY)		\$
TC162 DEPOSIT LIAB. (IDENTIFY)		\$
0240 EXTENSION OF TIME		\$
<b>WATER RIGHTS:</b>		
0201 SURFACE WATER	EXAM FEE \$	0202 RECORD FEE \$
0203 GROUND WATER	\$	0204 \$
0205 TRANSFER	\$	
<b>WELL CONSTRUCTION</b>		
0218 WELL DRILL CONSTRUCTOR	EXAM FEE \$	0219 LICENSE FEE \$
LANDOWNER'S PERMIT		0220 \$
OTHER (IDENTIFY)		

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE	\$	CARD #
0210 MONITORING WELLS	\$	CARD #
OTHER (IDENTIFY)		

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FWWRD)		\$
0231 HYDRO LICENSE FEE (FWWRD)	<u>HE463</u>	\$ <u>187.50</u>
HYDRO APPLICATION	<u>APP ReAuthorization</u>	\$

**TREASURY OTHER / RDX**

FUND	TITLE <u>PCA 60100</u>	
OBJ. CODE	VENDOR #	
DESCRIPTION		\$

RECEIPT: **91806**

DATED: 3/19/08 BY: [Signature]



STATE OF OREGON  
WATER RESOURCES DEPARTMENT

RECEIPT # 59090

158 12TH ST. N.E.  
SALEM, OR 97301-4172  
378-8455 / 378-8130 (FAX)

INVOICE

RECEIVED FROM: James Hamilton  
BY: \_\_\_\_\_

APPLICATION
PERMIT
TRANSFER

CASH:  CHECK: #  6385 OTHER: (IDENTIFY)

TOTAL REC'D \$187.50

0401 TREASURY 0417 WRD MISC CASH ACCT

0407 COPIES	\$
OTHER: (IDENTIFY)	\$
OTHER: (IDENTIFY)	\$

0427 WRD OPERATING ACCT

MISCELLANEOUS	
0407 COPY & TAPE FEES	\$
0410 RESEARCH FEES	\$
0408 MISC REVENUE: (IDENTIFY)	\$
TC162 DEPOSIT LIAB. (IDENTIFY)	\$
0240 EXTENSION OF TIME	\$
WATER RIGHTS:	
0201 SURFACE WATER	EXAM FEE \$
0203 GROUND WATER	\$
0205 TRANSFER	\$
WELL CONSTRUCTION	
0218 WELL DRILL CONSTRUCTOR	EXAM FEE \$
LANDOWNER'S PERMIT	\$
OTHER (IDENTIFY)	\$

RECORD FEE
0202 \$
0204 \$

LICENSE FEE
0219 \$
0220 \$

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD #
0210 MONITORING WELLS	\$	CARD #
OTHER (IDENTIFY)		

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)	\$
0231 HYDRO LICENSE FEE (FW/WRD)	\$
HYDRO APPLICATION	\$ 187.50

TREASURY OTHER / RDX

FUND	TITLE	
OBJ. CODE	VENDOR #	
DESCRIPTION		\$

RECEIPT: 59090

DATED: 4/2/03 BY: [Signature]

Distribution - White Copy - Customer, Yellow Copy - Fiscal, Blue Copy - File, Buff Copy - Fiscal

APP REAUT ENCL/INVOIC

cc: WRD Fiscal Section  
WRD Reception

THIS IS THE ONLY COPY YOU SENT

RECEIVED

APR 02 2003

WATER RESOURCES DEPT.  
SALEM, OREGON

es Department  
ommerce Building  
58 12th Street NE  
m, OR 97301-4172  
503-378-3739  
FAX 503-378-8130

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Oregon Water Resources Department  
Water Rights Division

Hydroelectric Reauthorization Application  
Number HE 463

**Draft Proposed Final Order**

*NOTE: This is a draft proposed final order (DPFO) issued pursuant to Oregon Revised Statutes (ORS) 543A.040. Comments are due to the Oregon Water Resources Department (the Department) by February 29, 2008. Within 30 days after the close of the comment period, the Hydroelectric Application Review Team will submit a Proposed Final Order to the Department for review for compliance with applicable statutes and rules. The Department will then issue a Proposed Final Order. Protests or request for standing will be accepted on the Proposed Final Order as outlined in ORS 543A.120.*

*Summary of Recommendation:* The HART recommends the reauthorization of a hydroelectric project in the name of James W. Hamilton, with conditions.

*Application History*

On March 5, 1984, James W. Hamilton was granted hydroelectric license, HE 463, conferring the right to appropriate not to exceed 1.75 cubic feet per second (CFS) of water from Grave Creek and to develop 3.6 theoretical horsepower (THP). The license was issued in 1984 for a period of 20 years. The license was scheduled to terminate on December 31, 2004; due to that fact, on September 23, 2004, the Department extended the expiration date till December 31, 2007, and by order dated December 19, 2007, the license was extended to December 31, 2008.

On February 15, 2003, James W. Hamilton submitted an application to the Department for reauthorization of the hydroelectric project. The application reflected the following information:

Amount of Water: 1.75 CFS from Grave Creek

Use of Water: Power Development of 3.6 THP for domestic use.

Source of Water: Grave Creek, Tributary of Rogue River

Area of Proposed Use: Jackson County within SECTION 28, TOWNSHIP 33 SOUTH, RANGE 4 WEST, W.M.

Water Delivery System: Water is diverted by gravity to a small concrete dam, three feet in height, and conveyed by a PVC pipe to the plant site. Generation facilities consist of a 12 inch diameter cross flow turbine driving a 32 volt 80 amp DC alternator. After use at the generation facilities the water is returned to Grave Creek.

The Department reviews hydroelectric reauthorization applications according to the procedures laid out in ORS 543A.005 through 543A.805.

Application HE 463

Draft Proposed Final Order

On March 18, 2003 the Department provided public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about obtaining future notices and a copy of the application.

No written comments were received within the 45-day comment period.

### *Findings of Fact*

1. Site Visit:

On October November 20, 2007, Dave Harris, Oregon Department of Fish and Wildlife (ODFW) and R. Craig Kohanek, Oregon Water Resources Department (OWRD), both of whom are HART members, visited the site and conferred with the applicant about project operations. At the time of the visit the applicant operated the project.

2. Water Availability:

The right to use water for this project was originally authorized by the Department in 1984 under laws in effect at that time. The project owner has not requested any additional uses for the water.

3. Water Rights:

Senior water rights do exist on the unnamed stream or on downstream waters. However, HE 463 is subordinate to these uses and continued use of the project will not cause injury to these water rights.

4. Fish and Wildlife Resources:

Steelhead use is confirmed by ODFW above the dam. The agreement entered into by the applicant and the Oregon Department of Fish and Wildlife in October 1983 will remain in affect for the life of the reauthorized water right.

5. Wildlife

There are likely a number of sensitive mammals, birds, amphibians, and reptiles that inhabit the project area. It is not likely that project operations adversely impact wildlife populations.

6. Plans

ORS 543A.025(2)(b) requires conditions in a water right certificate to be consistent with  
Application HE 463 Draft Proposed Final Order

plans of the Pacific Northwest Electric Power and Conservation Planning Council. The Department notified Council staff of the request for reauthorization. The Project is not within the Columbia River Basin. Therefore, the department concludes that the project complies with the plans of the Pacific Northwest Electric Power and Conservation Planning Council as required by law.

7. Water Quality:

Although diversion of water at this project may result in limited seasonal warming of instream temperatures, no significant temperature-related problems have been identified nor are they suspected given the existing project facilities, operations and management. However, to protect from any future significant temperature-related adverse impacts to aquatic organisms, any future modification of vegetation surrounding project waters should be carefully evaluated. The water right holder should consult with the DEQ prior to undertaking any activity, which directly or indirectly results in removal of vegetation adjacent to project waterways. Waterways include, but are not necessarily limited to bypass reaches, siltation/forebay ponds, open-channel diversions, and above ground pipes.

8. Public Health and Safety:

Based on a review of the facts contained in the file, the Department finds that the Project complies with the standards and requirements of this rule.

9. Wetland Resources:

Based on a review of the facts contained in the file, the Department finds that the Project complies with the standards and requirements of this rule.

10. Recreation, Historic, Cultural and Archaeological Resources:

Based on a review of the facts contained in the file, the Department finds that the Project complies with the standards and requirements of this rule.

*Conclusions of Law*

Based upon the findings, the Department concludes that the use will not impair or be detrimental to the public interest under ORS 543A.025 (1). In addition, the project satisfies the minimum requirements set forth in ORS 543A.025 (2).

No preference for this use is granted under the provisions of ORS 536.310(12).

The proposed use complies with the State Agency Agreement for land use.

**Recommendation**

The HART recommends reauthorization of the project and further recommends that the water right certificate attached be issued as conditioned therein.

Affixed,

---

DWIGHT W. FRENCH, Administrator of Water Rights & Adjudication  
{For}  
Phillip C. Ward, Director  
Oregon Water Resources Department

*Written Comments*

Comments submitted must be in writing and include the following:

- Your name, address and telephone number;
- The provision of the draft proposed final order you are questioning;
- An argument specifying your objection or support of the provision.

Your comments must be received in the Department in Salem, Oregon no later than 5:00 p.m. on February 29, 2008.

*This document was prepared by R. Craig Kohanek. If you have any questions about any of the statements contained in this document please contact me at 503-986-0823.*

*Address correspondence to:*

**Oregon Water Resources Department, 725 Summer Street NE, Suite A Salem, OR 97301-1271**

**Fax: (503) 986-0901.**

STATE OF OREGON  
COUNTY OF JACKSON  
DRAFT CERTIFICATE OF WATER RIGHT

THIS DRAFT CERTIFICATE ISSUED TO

JAMES W. HAMILTON  
P.O. BOX 1283  
ROGUE RIVER, OR 97537

541-951-8973

confirms the right to use the waters of GRAVE CREEK, tributary of the ROGUE RIVER for development of 3.6 THEORETICAL HORSEPOWER (THP).

This time-limited certificate is reissued under application HE 463. The date of priority is APRIL 13, 1983. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 1.75 CUBIC FEET PER SECOND measured at the point of diversion from the source.

The point of diversion is located:

SW 1/4 NW 1/4,  
SECTION 28,  
TOWNSHIP 33 SOUTH, RANGE 4 WEST, W.M.

The authorized place of use is:

SW 1/4 NW 1/4  
SECTION 28  
TOWNSHIP 33 SOUTH, RANGE 4 WEST, W.M.

The Director finds that the project is well adapted to the development and utilization of the water power involved, that no application for this project or in conflict with this project has been filed by any municipality or utility district, and that the water right holder has paid to the Oregon Water Resources Department (OWRD) all fees required prior to the issuance of this certificate.

The use of water is limited to the amount that the generation facilities can utilize efficiently, and shall not exceed the specifications noted in the water right. The right granted herein is expressly made inferior in right and subsequent in time to any authorized appropriation of water from this source for domestic, municipal, irrigation or any other beneficial consumptive use.

### WATER RIGHT CERTIFICATE CONDITIONS

1. The total net vegetation adjacent to project waterways that provides shading to the waterways and/or streambank soil stability shall not be degraded or lessened. The water right holder shall consult with the Oregon Department of Environmental Quality (ODEQ) before undertaking any activity that directly or indirectly results in removal of vegetation adjacent to project waterway(s) that provides shade to the waterway(s) and/or provides stream-bank soil stability. (Waterways include, but are not necessarily limited to: bypass stream reaches, siltation/forebay ponds, open-channel diversions, and aboveground pipes.)

During the consultation with DEQ, the water right holder shall provide a description of the activity that results in removal of vegetation and shall describe any mitigation or enhancement that is planned in exchange for the removal. Upon such consultation, the DEQ shall provide to the water right holder and to WRD a written summary of the conclusions from the consultation, including any new requirements and/or allowable changes to the project.

2. Notwithstanding any specific conditions established by this water right, the water right holder must comply with all water quality standards adopted by the Environmental Quality Commission pursuant to state and federal law. ORS 468B.048 and Section 303 of the Clean Water Act.
3. OWRD may alter conditions of the certificate on a clear showing of a significant threat to the public health or safety or the environment that was not identified and addressed during the most recent project authorization proceeding, and that requires modification of the certificate. ORS 543A.145 (5). Such changes could include, but are not limited to, the following:
  - a. New federal listing or a change in status or recovery plan of a threatened or endangered species that may be affected by the project.



- b. Change in a water quality standard for a water quality parameter that may be affected by the project.
- c. Development of a Total Maximum Daily Load for a water quality parameter that may be affected by the project.

If OWRD proposes to alter conditions, the order shall be in writing and shall consist of a concise statement of the underlying facts supporting the proposed order. Any appeal of the order shall be according to procedures outlined in ORS Chapter 183.

- 4. The owner must obtain OWRD review and approval before undertaking any repair, maintenance activity, or any change to the project that might significantly and adversely affect water quality, fish and wildlife or public health and safety, including changes to project operation and flows. Oregon Administrative Rules 690-20-025, ORS 543A.025.
- 5. If at any time an unanticipated situation arises in which the owner observes or suspects that fish, wildlife, or their habitat may be harmed by any of the project facilities or as the result of project operation, the operator shall immediately notify and consult with the nearest office of the Oregon Department of Fish and Wildlife (ODFW); in no case shall such contact occur later than the next business day. The owner shall subsequently restore any damaged fish and wildlife protection features of the project consistent with direction provided by ODFW. ORS Chapter 543A.025.
- 6. All the fish and wildlife mitigation features shall be properly maintained for the duration of the project. ORS 543A.025 (2)(a) and (5)(d).
- 7. On October 12, 1983, the licensee and ODFW entered into an agreement pertaining to fish screening facilities and fish passage in the section of the stream between the point of diversion and the point where the water returns to the stream. The agreement includes a provision for 2 cfs of bypass flows to be maintained in Grave Creek. The agreement has been made part of the water right. A copy of the agreement is attached for reference. The owner water right holder shall keep the fish screen free of debris to prevent impingement of fish on the screen. ORS 543A.025 (2)(a)(A)(ii)
- 8. Upon permanent cessation of power generation, the owner shall remove or modify project facilities to meet decommissioning standards adopted by the Department.
- 9. The owner shall pay to WRD in accordance with the provisions of ORS 543.078 (2)(b) an annual fee of \$50 on or before the first day of January of each year after issuance of this certificate.
- 10. The owner shall allow the Director and authorized agents and employees of the ODEQ and ODFW free and unrestricted access in, through, and across the project

in the performance of their official duties, and shall allow free access to all reports, accounts, records, and other data relating to the said project.

11. No substantial change to the project shall be made unless approved by the Director and incorporated into this certificate by appropriate amendment or special order.
12. Failure to comply with any of the provisions of this certificate may result in action including, but not limited to, civil penalties, restrictions on the use or cancellation of the certificate.
13. The land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan. ORS 197.180.
14. Any transfer or sale of a license, rights under a license, or property associated with a project must comply with the requirements of ORS 543.440 regarding prior approval of the OWRD and rights and responsibilities transferred. These laws require that prior to any transfer, the owner shall notify OWRD of the name of the new owner and complete forms provided by the OWRD assigning the hydroelectric project to the new owner. Any successor or assignee shall be subject to all terms and conditions of this certificate. Any mortgage, deed of trust, or other lien is subject and subordinate to the terms and conditions of hydroelectric program law. ORS 543.440.
15. This certificate is issued for the period effective as of the date of issuance through December 31, 2028. On termination of this certificate, such right to the use of water shall revert to an instream water right, unless the project owner applies to OWRD to reauthorize the project.
16. The right to the use of water for power generation is restricted to beneficial use at the place of use described. The use confirmed herein may be made only at times when sufficient water is available to satisfy all prior rights issued before this use was initiated, including rights for maintaining instream flows.

Issued , 2008

DRAFT - THIS IS **NOT** A CERTIFICATE

---

DWIGHT W. FRENCH, Administrator of Water Rights & Adjudications  
{For}  
Phil C. Ward, Director  
Water Resources Department



# Oregon

Theodore R. Kulongoski, Governor

## Water Resources Department

725 Summer Street NE, Suite A

Salem, OR 97301-1271

503-986-0900

FAX 503-986-0904

March 4, 2008

James W. Hamilton  
P.O. Box 1283  
Rogue River, OR 97537

RE: Second installment of HE 463 reauthorization fee

Dear Mr. Hamilton,

The 60-day public comment period for the technical report and Draft water right certificate for your project, HE 463, closed at 5pm on February 29, 2008. Once you pay the remaining \$187.50 of your two-part reauthorization fee, I will issue you a new time-limited final water right certificate for your project. I have enclosed a copy of a letter, sent to you in 2003, that speaks to the fee that I am now requesting you pay.

If you have any questions of me please give me a call.

Sincerely,

R. Craig Kohanek  
Hydroelectric Project Analyst  
Oregon Water Resources Department  
Ph: 503-986-0823

BEFORE THE WATER RESOURCES DEPARTMENT  
OF THE STATE OF OREGON

IN THE MATTER OF EXTENDING } ORDER OF THE  
THE EXPIRATION DATES OF } DIRECTOR  
CERTAIN MINOR HYDROELECTRIC }  
WATER RIGHTS FOR PURPOSES OF }  
COMPLETING REAUTHORIZATION }

WHEREAS, pursuant to ORS 543A.150 the Oregon Water Resources Department has authority to extend the expiration dates of hydroelectric water rights undergoing reauthorization in order to complete the reauthorization process.

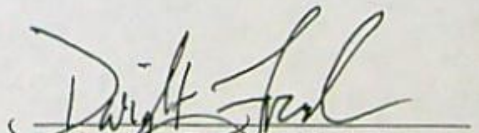
WHEREAS, the following hydroelectric water rights have begun the reauthorization process prior to the expiration dates expressed in those water rights:

HE 342	Douglas Pegar
HE 362	Kenneth & Angela Olson
HE 376	Norman McDougal
HE 379	Phillip Wurst
HE 398	Mountain Energy Inc, Mr. Goldwasser
HE 408	Michael Clawson
HE 428	Randy Reed
HE 463	James Hamilton

WHEREAS, additional time is required to complete the reauthorization of the above listed hydroelectric water rights.

THEREFORE, IT IS ORDERED THAT the expiration dates for the above listed hydroelectric water rights are hereby extended until December 31, 2008 for the purpose of completing the reauthorization process under ORS Chapter 543A, or any successor statute.

Dated at Salem, Oregon this 19 day of December, 2007.

  
Dwight W. French Administrator,  
Water Rights and Adjudications

## Craig Kohanek

---

From: Dave Harris [Dave.A.Harris@state.or.us]  
Sent: Wednesday, November 14, 2007 6:37 AM  
To: Craig Kohanek; Dave A Harris  
Cc: STINE Chris  
Subject: RE: James Hamilton's project reauthorization HE 463

Craig: We should be fine. I have looked at the Goldwasser file, that should go fine, thus we should be on schedule for the Hamilton visit.

-----Original Message-----

From: Craig Kohanek [mailto:kohanerc@wrdd.state.or.us]  
Sent: Tuesday, November 13, 2007 9:05 AM  
To: Dave A Harris  
Cc: STINE Chris  
Subject: James Hamilton's project reauthorization HE 463

Gents,

I received a call from James Hamilton, HE 463, today. OWRD sent him a letter last week telling him we didn't believe that his project was operable and that we were canceling his license. This evoked a none-to-happy response, but we appeared to salvage the situation. I scheduled us to visit his project the afternoon of November 20th, on our way back from Goldwassers' project. He is located off the I-5, the Sunnyview exit, either exit # 71 or 73. According to the directions he provided me, we turn left off the highway exit toward a covered bridge. As soon as we cross the bridge we turn right immediately and set the trip odometer to zero. We proceed exactly 13.2 miles and we'll see a driveway with the name Hamilton. He may not be a happy camper when we visit but hopefully we can get done what we need too and make him happy. I'll send you his information like I did for Goldwasser. We should try to be finished at Golwaassers' project by noon to 1:00 pm and be able to be at Hamilton's between 2:00 and 3:30 pm. Dave, please let me know if my timeframes have any merit.

I told Mr. Hamilton  
R. Craig Kohanek  
Hydroelectric Project Analyst  
Oregon Water Resources Department  
503-986-0823

BEFORE THE WATER RESOURCES DEPARTMENT  
OF THE STATE OF OREGON

IN THE MATTER OF EXTENDING } ORDER OF THE  
THE EXPIRATION DATES OF } DIRECTOR  
CERTAIN MINOR HYDROELECTRIC }  
WATER RIGHTS FOR PURPOSES OF }  
COMPLETING REAUTHORIZATION }

WHEREAS, pursuant to ORS 543A.150 the Oregon Water Resources Department has authority to extend the expiration dates of hydroelectric water rights undergoing reauthorization in order to complete the reauthorization process.

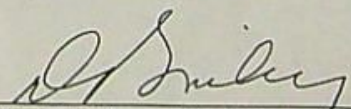
WHEREAS, the following hydroelectric water rights have begun the reauthorization process prior to the expiration dates expressed in those water rights:

HE 324	Wagner
HE 342	Pegar
HE 350	Lloyd
HE 362	Olson
HE 376	McDougal
HE 398	Goldwasser
HE 428	Reed
HE 463	Hamilton
HE 471	Cranor/D'Abbracci
HE 488	Meadows Trust
HE 489	Meadows Trust
HE 495	Heizer
HE 500	Smith
HE 501	Calahan
HE 504	Wagner

WHEREAS, additional time is required to complete the reauthorization of the above listed hydroelectric water rights.

THEREFORE, IT IS ORDERED THAT the expiration dates for the above listed hydroelectric water rights are hereby extended until December 31, 2007 for the purpose of completing the reauthorization process under ORS Chapter 543A, or any successor statute.

Dated at Salem, Oregon this 23 day of September, 2004.

  
Dick Bailey, Administrator,  
Water Rights and Adjudications

### HYDRO PROJECT REAUTHORIZATION CHECKLIST

name <u>James W. Hamilton</u>	project # <u>HE 403</u>	
Group <u>5</u> NOI due by <u>3/18/02</u> ACTION	DATE	STAFF INITIALS
1. Notification letter sent with NOI form and PI materials. Create project summary and give copies in group to Section Leader. (A master binder is set up for each HART group, and copies go in it.)	12/17/01	JW
2. NOI received and fees paid.	12/26/01	JW
3. NOI reviewed and found complete.	✓	JW
4. NOI found incomplete and returned to applicant.		
5. Notice published in weekly public notice (within 7 days of receipt). Set up new file. Establish "interested parties" mailing list. Public comment period is 45 days.	✓	JW
6. Copy of NOI sent to Section Leader. Place info in master binder: copy of orig. application; map, NOI, current license & ODFW agreement (if applicable.)	.	
7. Sent copy of public notice and form letter to "interested parties" listed on NOI.		
8. Application packet mailed to applicant within 14 days of receipt of NOI.)	✓	JW
9. Application packet received from applicant.	2/20/03	JW
10. Application reviewed and found complete.	✓	
11. Application incomplete - returned to applicant for information.	3/13/03	JW
12. Notice published in weekly public notice. Public comment period is 45 days.	3/18/03	JW
13. Mailed public notice and asked for comments from interested parties.		
<b>NON-FERC PROJECTS:</b> (after final public notice, notebooks are created for HART members from the materials which were placed in the master binder for each group)		
1. HART group formed to consider application (program rep. handles.)	3/19/03	JW
2. Forty-five day public comment period ends.		
3. HART convened and determined long or short review process.	3/19/03	JW
<b>SHORT PROCESS</b>		
1. HART prepared Draft Proposed Final Order.		
2. Notice published in weekly public notice.		
3. Sixty-day comment period ends.		
4. Draft PFO sent to Water Rights.		

CHECKLIST CONTINUED

SHORT PROCESS CONT'D ACTION	DATE	STAFF INITIAL
5. Notice published in weekly public notice.		
6. Mailed copies of PFO to interested parties - request for comments.		
7. Forty-five-day comment period ends.		
8. Comments reviewed.		
9. If protests, convened HART with WRD ADR/Hearings Officer.		
10. Prepared Final Order and certificate..		
11. Mailed Final Order and certificate to parties requesting copy.		
<b>LONG PROCESS</b>		
1. HART group formed to consider additional information.		
2. HART group requested additional information from applicant.		
3. HART requested pubic meeting.		
4. Notice of public meeting published in weekly public notice.		
<i>Other: Call from Mr. Hamilton re avail. dates for site visit.</i>	<i>4-22-03</i>	<i>JKE</i>
<i>Other: Call from Mr. Hamilton re avail. dates for site visits.</i>	<i>4-30-03</i>	<i>JKE</i>
<i>Other: Ltr. from Mr. Hamilton re. no scheduled site visit.</i>	<i>5-8-03</i>	<i>JKE</i>
<i>Other: Response to 5/8/03 ltr. from Mr. Hamilton</i>	<i>5-27-03</i>	<i>JKE</i>





# Oregon

Theodore R. Kulongoski, Governor

## Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97301-4172  
503-378-3739  
FAX 503-378-8130

May 27, 2003

James W. Hamilton  
P. O. Box 1283  
Rogue River, OR 97537

**RE: HE 463 – Project Site Visit**

Dear Mr. Hamilton:

I am writing on behalf on Ms. Bonanno, in regard to the letter that you sent her, May 6, 2003.

In your letter, you expressed frustration regarding the scheduling of your site visit. To follow up with you regarding your letter, on May 9, 2003, I spoke with your wife, Mrs. Janet Hamilton, on the phone. During this telephone conversation, I shared the information I had shared with you during our recent telephone conversations and my letter dated March 21, 2003.

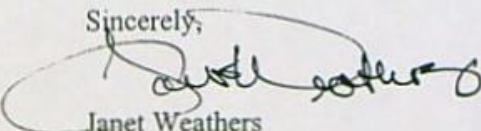
If you will recall from both the letter that I sent you as well as our phone conversation, I mentioned that a site visit would be scheduled that is convenient for all relevant parties, including you. I also indicated that a member of Hydroelectric Application Review Team (HART) would contact you to schedule this site visit. The HART for your project includes not only myself, but also representatives from the Oregon Department of Fish and Wildlife (ODFW) (name of ODFW person) and the Department of Environmental Quality (DEQ) (name of DEQ person). For your convenience, I have attached a copy of my March 21, 2003 letter is enclosed for your reference.

Because of the necessity to coordinate with other state agencies and given the current situation of very limited staff and resources to work on these types of project, we will not be able to schedule the site visit during the timeframe that you wish. The HART for your Project, however, will still schedule a site visit that is convenient for you, which appears to be in November. Toward that end, once the state agencies reviewing your Project have coordinated their schedules, one of the aforementioned HART members will contact you.

I will also mention that your project license does not expire until December 31, 2004. If reauthorization of your project has not been completed prior to this date, an order extending the time to complete the reauthorization of the project will be issued as long as you continue to cooperate with HART as you have so far throughout this process. Such an order enables you to continue operation of your project until the date listed in the order.

Please contact me with any questions you have at (503) 378-8455, ext. 233.

Sincerely,

  
Janet Weathers  
Hydroelectric Program Assistant

Enclosure

c: Kristen Bonanno





# Oregon

Theodore R. Kulongoski, Governor

RECEIVED

MAY 08 2003

March 21, 2003

WATER RESOURCES DEPT.  
SALEM, OREGON

James W. Hamilton  
P.O. Box 1283  
Rogue River, OR 97537

RE: Application Reauthorization HE 463

RECEIVED

MAY 08 2003

WATER RESOURCES DEPT.  
SALEM, OREGON

KRISTEN:

I AM WRITING TO LET YOU KNOW I CAN NOT GET ANY SATISFACTION OUT OF JANET WEATHERS.

ON APRIL 4<sup>TH</sup> I GAVE HER A PHONE CALL WITH THE DATES I WOULD BE ABLE TO BE HOME FOR MY HART VISIT.

I GAVE HER MY WIFE'S WORK PHONE # AND SHE SAID SHE WOULD CALL IN A FEW DAYS. I MADE IT CLEAR THAT DUE TO MY WORK THEY HAD TO COME IN MAY -

NO CALL SO I CALLED HER TWO WKS. AGO.

SHE SAID SHE WOULD CALL IN A COUPLE OF

RECEIVED

MAY 08 2003

WATER RESOURCES DEPT.  
SALEM, OREGON

DAYS - NO CALL - -

I GOT YOUR NAME FROM  
YOUR OPERATOR THIS MORN-  
ING -

I CAN BE HOME  
AT 11 AM ON MAY  
12 TH THRU 16 TH

AFTER THAT YOU  
ARE GOING TO HAVE  
TO WAIT TILL THE  
3 RD WEEK IN NOVEMBER

HER LETTER STATES  
THAT - " A MEMBER OF THE  
HART WILL CONTACT YOU  
TO SCHEDULE A SITE VISIT  
AT YOUR CONVENIENCE "

I HOPE YOU CAN BE  
BETTER AT YOUR JOB  
THAN JANET WAS - SEE  
YOU NEXT WEEK OR IN  
NOVEMBER

Jim Amilton

JAMES W. HAMILTON

P.O. BOX 1283

ROGUE RIVER

OR. 97537



WATER RESOURCES DEPT.  
COMMERCE BUILDING  
158 12TH STREET NE  
SALEM, OR. 97301-4172

ATN  
97301-4172

KRISTEN BONANNO

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

154-12TH ST. N.E.  
 SALEM, OR 97301-4172  
 378-8455 / 378-8130 (FAX)

RECEIPT # **59090**

INVOICE # \_\_\_\_\_

RECEIVED FROM: James Hamilton

APPLICATION	
PERMIT	
TRANSFER	

BY: \_\_\_\_\_

CASH:  CHECK:#  6385 OTHER: (IDENTIFY)  \_\_\_\_\_

TOTAL REC'D \$ 187.50

**0401 TREASURY 0417 WRD MISC CASH ACCT**

0407	COPIES		\$
_____	OTHER: (IDENTIFY)	_____	\$
_____	OTHER: (IDENTIFY)	_____	\$

**0427 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407	COPY & TAPE FEES		\$
0410	RESEARCH FEES		\$
0408	MISC REVENUE: (IDENTIFY)	_____	\$
TC162	DEPOSIT LIAB. (IDENTIFY)	_____	\$
0240	EXTENSION OF TIME		\$

**WATER RIGHTS:**

0201	SURFACE WATER	EXAM FEE \$	0202	RECORD FEE \$
0203	GROUND WATER	EXAM FEE \$	0204	RECORD FEE \$
0205	TRANSFER	EXAM FEE \$		

**WELL CONSTRUCTION**

0218	WELL DRILL CONSTRUCTOR	EXAM FEE \$	0219	LICENSE FEE \$
_____	LANDOWNER'S PERMIT		0220	LICENSE FEE \$
_____	OTHER (IDENTIFY)			

**0536 TREASURY 0437 WELL CONST. START FEE**

0211	WELL CONST START FEE	\$	CARD #	
0210	MONITORING WELLS	\$	CARD #	
_____	OTHER (IDENTIFY)			

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233	POWER LICENSE FEE (FWWRD)		\$
0231	HYDRO LICENSE FEE (FWWRD)	<u>HE 463</u>	\$
_____	HYDRO APPLICATION	<u>App. Re authorization</u>	\$ <u>187.50</u>

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \_\_\_\_\_ \$ \_\_\_\_\_

RECEIPT: **59090**

DATED: 4/2/03 BY: K. Hall

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

158 12TH ST. N.E.  
 SALEM, OR 97301-4172  
 378-8455 / 378-8130 (FAX)

RECEIPT # **59090**

INVOICE # \_\_\_\_\_

RECEIVED FROM: James Hamilton  
 BY: \_\_\_\_\_

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK: #  6385 OTHER: (IDENTIFY)  \_\_\_\_\_

TOTAL REC'D \$ 187.50

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0407	COPIES		\$
_____	OTHER: (IDENTIFY)	_____	\$
_____	OTHER: (IDENTIFY)	_____	\$

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MISCELLANEOUS

0407	COPY & TAPE FEES		\$
0410	RESEARCH FEES		\$
0408	MISC REVENUE: (IDENTIFY)	_____	\$
TC162	DEPOSIT LIAB. (IDENTIFY)	_____	\$
0240	EXTENSION OF TIME		\$

WATER RIGHTS:

0201	SURFACE WATER	\$	0202	RECORD FEE	\$
0203	GROUND WATER	\$	0204	RECORD FEE	\$
0205	TRANSFER	\$			

WELL CONSTRUCTION

0218	WELL DRILL CONSTRUCTOR	\$	0219	LICENSE FEE	\$
	LANDOWNER'S PERMIT		0220	LICENSE FEE	\$

OTHER (IDENTIFY) \_\_\_\_\_

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0211	WELL CONST START FEE	\$	CARD #	
0210	MONITORING WELLS	\$	CARD #	
_____	OTHER (IDENTIFY)	_____		

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0233	POWER LICENSE FEE (FW/WRD)		\$
0231	HYDRO LICENSE FEE (FW/WRD)	<u>HE 463</u>	\$
_____	HYDRO APPLICATION <u>App. Re Authorization</u>		\$ <u>187.50</u>

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \_\_\_\_\_

\$ \_\_\_\_\_

RECEIPT: **59090**

DATED: 4/2/03 BY: [Signature]



# Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97301-4172  
503-378-3739  
FAX 503-378-8130

March 21, 200

LICENSE: HE 463

James W. Hamilton  
P.O. Box 1283  
Rogue River, OR 97537

## INVOICE

Application for Reauthorization of a Hydroelectric Facility Fee of License HE 463 is due by April 21, 2003:

Application Reauthorization Fee: **\$187.50**

To help reduce state spending, we have instituted the following policy. Your canceled check will be your receipt. If you require a receipt, please indicate so when sending in your application for reauthorization fee payment.

PLEASE REMIT TO:	CONTACT FOR QUESTIONS:
STATE OF OREGON WATER RESOURCES DEPARTMENT ATTN: FISCAL SECTION 158 12TH STREET NE SALEM OR 97310	JANET WEATHERS PHONE (503) 378-8455 EXT. 233  PREPARED BY: J.W.

PLEASE RETURN ONE COPY OF INVOICE WITH PAYMENT

APP REAUTH INVOICE 2004  
ENCL/INVOICE2

cc: WRD Fiscal Section  
WRD Reception

*THIS IS THE ONLY  
COPY YOU SENT*

**RECEIVED**

APR 02 2003

WATER RESOURCES DEPT.  
SALEM, OREGON

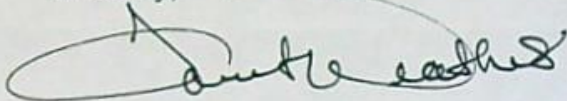


Hamilton  
March 21, 2003  
Page 2

The Department will issue the proposed final order for public notice and comment, provide an opportunity to file protests, and issue a final order. The final order and new water right certificate should be issued prior to the expiration of your current license. However, you can continue to generate power at your project until WRD takes final action on your application.

I have enclosed a flow chart that describes where you are in the process. If you have questions, or wish further explanation of the process, please feel free to call me at (503) 378-8455, ext 233.

Sincerely,



Janet Weathers  
Hydroelectric Program Assistant

Enclosures

cc: Dennis Belsky, DEQ  
Greg McMurray, DEQ  
Ken Homolka, ODFW  
Stephanie Burchfield, ODFW  
Bruce Sund, Watermaster District 14

**RECEIVED**

APR 02 2003

WATER RESOURCES DEPT.  
SALEM, OREGON

→ YOU DID NOT SENT FLOW  
CHART, SO I CAN TELL YOU  
NO ONE WILL BE HOME  
BETWEEN JUNE 29<sup>TH</sup> TO JULY  
6<sup>TH</sup> AND JULY 18<sup>TH</sup> THRU  
AUGUST 8<sup>TH</sup>

Jim Hamilton

March 21, 200

LICENSE: HE 463

James W. Hamilton  
P.O. Box 1283  
Rogue River, OR 97537

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APP REAUTH INVOICE 2004  
ENCL/INVOICE2

cc: WRD Fiscal Section  
WRD Reception

March 21, 2003

James W. Hamilton  
P.O. Box 1283  
Rogue River, OR 97537

RE: Application Reauthorization HE 463

Dear Mr. Hamilton,

The state Hydroelectric Application Review Team (HART) has reviewed the project application and has determined that project HE 500 is eligible for use of the modified short form reauthorization process.

Oregon law (ORS 543A.405) requires the payment of a reauthorization application fee to process your application. This fee covers the expenses incurred by the HART in reviewing your project and processing and issuing the new water right. The fee for your project is \$375.00 with \$187.50 due within 30 days of the receipt of this notice, and \$187.50 due prior to the Water Resources Department (the Department) issuing your final water right certificate.

The next step is to perform a site visit of your project. A member of the HART will contact you to schedule a site visit at your convenience. After completion of the site visit, the HART will reconvene and review project information. The primary purpose of the site visit is to document that your project is operating according to the terms of your present state license and to discuss with you any changes you propose for the reauthorization of your hydroelectric project. We will look at potential or existing impacts to fish and wildlife, water quality, and other natural resource values. We will also consider what, if any, mitigation measures might be appropriate for your project. A list of HART members is attached for your information.

After completion of the site visit, the HART will reconvene and review project information. To meet current state standards, the HART may recommend new operation procedures for your project. These procedures would be placed in the water right certificate as a condition to continue generating power at your site. After this review, the HART will prepare a draft water right (draft proposed final order) containing all the proposed terms and conditions. The draft proposed final order will be sent to you for review and issued for public notice and comment. The HART will consider any comments received and then finalize the draft into a proposed final order.

Hamilton  
March 21, 2003  
Page 2

The Department will issue the proposed final order for public notice and comment, provide an opportunity to file protests, and issue a final order. The final order and new water right certificate should be issued prior to the expiration of your current license. However, you can continue to generate power at your project until WRD takes final action on your application.

I have enclosed a flow chart that describes where you are in the process. If you have questions, or wish further explanation of the process, please feel free to call me at (503) 378-8455, ext 233.

Sincerely,

Janet Weathers  
Hydroelectric Program Assistant

Enclosures

cc: Dennis Belsky, DEQ  
Greg McMurray, DEQ  
Ken Homolka, ODFW  
Stephanie Burchfield, ODFW  
Bruce Sund, Watermaster District 14



# Oregon

Theodore R. Kulongoski, Governor

## Water Resources Department

North Mall Office Building  
725 Summer Street NE, Suite A  
Salem, OR 97301-1266  
503-986-0900  
FAX 503-986-0904

March 21, 2003

James W. Hamilton  
P.O. Box 1283  
Rogue River, OR 97537

RE: Application Reauthorization HE 463

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Hamilton  
March 21, 2003  
Page 2

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Sincerely,

Janet Weathers  
Hydroelectric Program Assistant

Enclosures

cc: Dennis Belsky, DEQ  
Greg McMurray, DEQ  
Ken Homolka, ODFW  
Stephanie Burchfield, ODFW  
Bruce Sund, Watermaster District 14

**OREGON  
WATER  
RESOURCES  
DEPARTMENT**



Commerce Building  
158 12th Street NE  
Salem OR 97301-4172

**PUBLIC NOTICE OF WATER USE REQUESTS**  
March 18, 2003

*This notice is also available on our web page at the following address:  
[http://www.wrd.state.or.us/cgi-bin/notices.pl?water\\_rights](http://www.wrd.state.or.us/cgi-bin/notices.pl?water_rights)*

This publication lists agency activities requiring public notice. It also describes public comment processes and deadlines. Types of water use requests in this week's Public Notice include:

- \* **Permit Application Initial Reviews, Proposed Final Orders, and Final Orders**  
Applications for permits to use, store, divert or pump surface water or groundwater. Includes applications by the state Departments of Fish & Wildlife, Environmental Quality or Parks and Recreation for water to be used and kept in-channel.
- \* **Applications for Extensions of Time to Perfect Water Right Permits**  
New applications received and proposed final orders regarding requests to extend time limits to fully develop water use projects and beneficially apply water.
- \* **Hydroelectric Notices of Intent, First-Stage Consultation Documents, Applications, and Proposed Final Orders**  
Documents relating to reauthorization of hydroelectric projects under HB 2119 (1997).
- \* **Applications for Limited Licenses**  
Requests to use water for 5 years or less. Licenses are subordinate to other rights and may be revoked if a use is found to injure other water right holders.
- \* **Proposed Short-Term Lease Agreements to Convert Existing Rights to Instream Use**  
Short-term leases by water right holders of their water rights for instream uses.
- \* **Transfer Applications**  
Requests to change points of diversion or appropriation or places or types of use.

- \* **Transfer Applications: Temporary Change in Place of Use**  
Requests to temporarily change places of use.
- \* **Transfer Applications: Permit Amendments**  
Requests to amend permits.
- \* **Temporary Transfers within District Boundaries (ORS 540.570)**  
Petitions requesting a temporary transfer for one irrigation season in the place of use within a district's boundaries.
- \* **Instream Transfers**  
Requests to convert an existing water right to an instream water right.

The Public Notice is published each week on the Department's web site at <http://www.wrd.state.or.us/>. If you would like to receive a *free* weekly notification when it is published, please send your request to "Jonnine.L.FUSS@wrd.state.or.us".



## Hydroelectric Notices of Intent, First-Stage Consultation Documents, Applications, and Proposed Final Orders

The 1997 Oregon Legislature enacted a new program to reauthorize hydroelectric facilities whose licenses are due to expire (House Bill 2119). This program creates separate review procedures for projects entirely under Oregon jurisdiction and for projects licensed by the Federal Energy Regulatory Commission (FERC). The department will be providing notice in this bulletin of key documents submitted by applicants throughout both processes. These documents include the owner's initial Notice Of Intent to reauthorize facilities, hydroelectric water right applications to reauthorize projects, first-stage consultation documents and proposed final water right orders. The Department will also publish notice of documents submitted by applicants who have non-expiring state water rights but are under review by FERC and notices of applications received for new projects.

This bulletin will **NOT** provide notice of public meetings on projects, development of study plans, provisional state positions and other interim documents which provide opportunities for the public to comment on the projects. If you wish to participate in the public review of a specific project, you must request to have your name placed on the mailing list for that project within the time specified in this bulletin. (Notice for these meetings and documents will be distributed only to a project-specific mailing list.) Comments and mailing list requests must be submitted in the time frames described below.

**Hydroelectric Applications:** The department receives four types of hydroelectric applications: Initial applications for non-FERC projects, final water right applications for FERC projects and preliminary applications for new projects, and final applications for new projects. **Comments and requests to be placed on a mailing list are due on or before May 2, 2003 for non-FERC projects, and on or before May 17, 2003 for FERC projects.**

### **1. Application to Reauthorize Hydroelectric Facility:**

Name:	James W. Hamilton
Address:	PO Box 1283 Rogue River OR 97537
County:	Jackson
Basin:	Rogue
Stream:	Grave Creek, tributary to Rogue River
Application Number:	HE 463
State Expiration Date:	December 31, 2004
Project Description:	Water diverted by gravity concrete dam three feet in height, and conveyed by pipeline to the plant site. Generation facilities will consist of a 12 inch diameter cross flow turbine driving a 32 volt 80 amp DC alternator. After passing through the generating facility, the water utilized will be returned to Grave Creek.

**Proposed Final Orders Regarding  
Applications for Extensions of Time for Water Right Permits**

ORS 537.320, 537.248 and 537.630 authorize the Water Resources Department to extend time limits contained in water rights permits for completing construction of water development projects and applying water to full beneficial use. Procedures for permit holders to apply for extensions and for the Department to evaluate and determine whether or not to approve extensions of time are contained in OAR 690-320-0010 for extensions filed before July 1, 2001, and in OAR 690-315-0010 for extensions filed on or after July 1, 2001.

Proposed Final Orders (PFOs) are the Department's preliminary decision on extension requests. They document the agency's decision through specific findings. Persons interested in receiving a mailed copy of a PFO must pay a statutorily-required fee of \$2 for the first page and 50 cents for each additional page. These proposed orders are generally seven pages in length. (Any person paying \$10 to receive a PFO by mail will also receive a copy of the Final Order when it is issued.) PFO's may be viewed for free at the Department's Salem Office or at the appropriate district watermaster office.

**Extension of Time Public Notice and Comment Procedures**

**Written comments on or written protests against a PFO must be submitted on or before May 2, 2003.** There is no fee for submission of comments. However, protests shall include the \$25 fee as required by ORS 536.050 (1)(j) and raise all reasonably ascertainable issues and available arguments supporting the person's position by the close of the comment period.

**1.) OAR-690-315**

County of Use:	CLACKAMAS
Application File Number:	G-12683
Permit Number:	G-11728
Applicant:	ROBERT W HARTFORD, 26940 GRAHAMS FERRY RD, SHERWOOD, OR 97140
River Basin:	WILLAMETTE BASIN
Water Source:	ONE WELL IN THE COFFEE LAKE CREEK BASIN
Authorized Use of Water:	IRRIGATION OF 57.85 ACRES
Maximum Diversion/ Appropriation Rate:	0.723 CFS
Recommendation:	The Department proposes to issue an order to approve the extension for complete application of water from October 1, 2001 to October 1, 2003.

1. Notice of Intent to Reauthorize Hydroelectric:

Name: James W. Hamilton  
Address: PO Box 1283  
Rogue River OR 97537

County: Jackson  
Basin: Rogue  
Stream: Grave Creek, tributary to Rogue River  
Application Number: HE 463  
State Expiration Date: December 31, 2004  
Project Description:

Water diverted by gravity concrete dam three feet in height, and conveyed by pipeline to the plant site. Generation facilities will consist of a 12 inch diameter cross flow turbine driving a 32 volt 80 amp Dc alternator. After passing through the generating facility, the water utilized will be returned to Grave Creek.

MEMORANDUM

DATE: February 24, 2003

TO: Greg McMurray, DEQ  
Dennis Belsky, DEQ  
Stephanie Burchfield, ODFW  
Ken Homolka, ODFW

FROM: Janet Weathers, OWRD

SUBJECT: HE 469 - HAMILTON

Enclosed is a copy of the application for reauthorization of hydroelectric project HE 463. Also enclosed are copies of the map and other documents submitted with the application. Please review these documents and add them to your Year 2002 HART Non-FERC Project binder.

Please contact me with any questions you have at (503)378-8455 Ext. 233 or email [Janet.K.Weathers@owrd.state.or.us](mailto:Janet.K.Weathers@owrd.state.or.us).

Thanks.



# Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97301-4172  
503-378-3739  
FAX 503-378-8130

February 21, 2003

James Hamilton  
PO Box 1283  
Rogue River, OR 97537

**RE: Receipt of Application for Reauthorization of Hydroelectric Project HE 463**

Dear Mr. Hamilton:

I am in receipt of your application for reauthorization of hydroelectric project HE 463. I will be reviewing the application and supporting documents and will contact you if additional information or clarification is needed.

Included with the application documentation was a request for a copy of the project map. Enclosed is a copy of this map for your records. Please contact me with any questions at (503) 378-8455 Ext. 233.

Sincerely,

Janet Weathers  
Hydroelectric Program Assistant

Enclosure

## Oregon Water Resources Department

158 12<sup>th</sup> NE  
Salem, OR 97301-4172  
Phone: 503-378-8455

## APPLICATION TO REAUTHORIZE A HYDROELECTRIC FACILITY

Please type or print in dark ink. Please answer all questions. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Include additional information on a separate sheet of paper. Thank you.

## Applicant Information

Name			_____		
_____	_____	_____	_____	_____	_____
Last	First		W.	MI	
Name of organization, if applicable: _____					
Mailing address: _____					
_____					
City		State		Zip	
Project Address if different than mailing address: _____					
_____					
City		County		State	
Zip					
Phone: _____					
Home		Work		Wife's Work#	
Fax: _____					

## Project Information

Location of project works.

Please attach four copies of an accurate map indicating the township, range and section where the project is located. If you know the latitude and longitude, please also include that information. Refer to the accompanying material for map criteria.

- 1. Source of water: GRAVE CREEK
- 2. County where use occurs: JACKSON
- 3. Amount of water diverted from the source into the powerhouse in cubic feet per second (cfs)  
1.75 cfs

Water and power use

Please include color photos of the major structures associated with the project: powerhouse, turbines, diversion point, penstock, tailrace. Also include a photo of the waterway just above the project, any bypass reaches (the stream area between your diversion and the point water is returned to the stream), reservoirs and the point where water comes out of the turbines. To determine the theoretical horsepower to be generated, multiply the vertical head in feet by the quantity of water in cubic feet per second and divide the product by 8.8.

- 1. Theoretical horsepower (thp) generated by the project 3.75  
Does this represent an increase over historic use?  Yes  No

If Yes, Please check the appropriate box below.

- I am diverting more water to generate the additional power.
- I installed a more efficient power unit, but diverting the same amount of water.
- No.

- 2. How do you monitor your diversion and water use (describe)? AN AMP METER ON  
ALTERNATOR - I KNOW THE SPEED OF WATER TRAVEL IN PIPE -  
THIS X VOLUME = CFS.

- 3. Turbine and generator information:

- a. TURBINE: Type: CROSS FLOW  
Size/Diameter: 12 INCH DIAMETER
- b. GENERATOR: KW Rating: 2500 KW  
Manufacturer: BEST POWER INVERTER  
Model: ENERGY CENTER 2200

4. Please indicate how the power is used:

For household use

Sold to a utility. Please list the name and address of power purchaser. \_\_\_\_\_

To pump water for irrigation

Other. Please describe. \_\_\_\_\_

5. Has the nature of your use changed since the project was first licensed? Describe any changes in water-use patterns, equipment or facilities since your project was first licensed.

I INSTALLED A RESTRICTOR IN TURBINE TO CUT FLOW AND ELECTRICITY IN HALF. BOUGHT SOLAR PANELS TO USE IN SUMMER MTS. TURBINE OFF DURING SUMMER MTS. PUT RESTRICTOR IN CAUSE WE FOUND WE DID NOT NEED THAT MUCH POWER - DID 12 YRS - AGO.

#### Property Ownership

Please attach a separate sheet of paper listing the names and addresses of all property owners abutting the property where the project is located. **BOISE ON ALL SIDES**

SEE MAP

1. Do you own all the land where you divert and transport water and generate power?

Yes.

No.

2. If no, do you have a recorded easement or written authorization permitting access?

Yes

No

3. If yes, please provide a copy. If no, when do you expect to obtain the easement? \_\_\_\_\_

(Written authorization may be required before a water right can be issued.)

#### Resource Information

##### A. Fish and Wildlife:

1. Please provide information below on fish and wildlife species that you have observed in the project vicinity. Please provide details on the types, quantities, frequency, time of year, and age category (adults and/or young) you have seen.



a) Have you seen fish in the vicinity of the project?  Yes  No

If so, please indicate what kind and provide details: MINNOWS, STEELHEAD LARGE  
STEEL HEAD 3RD WK. IN MARCH. SMALL FRY  
ALL SUMMER

b) Have you caught fish in the vicinity of the project?  Yes  No

If so, please indicate what kind and provide details: \_\_\_\_\_  
\_\_\_\_\_

c) Have you seen dead fish or wildlife in the vicinity of the project?  Yes  No

If so, please indicate what kind and provide details: \_\_\_\_\_  
\_\_\_\_\_

d) Have you seen fish in your diversion or forebay in the vicinity of the project?

Yes  No I HAVE 1/8" PUNCH PLATE COVERING

If so, please indicate what kind and provide details: ALL OF DIVERSION  
\_\_\_\_\_

e) Have you seen birds such as gulls, kingfishers or mergansers in the vicinity of the project?

Yes  No

If so, please indicate what kind and provide details: MERGAUSERS NEST  
BEHIND DAM EACH SPRING

f) Have you seen squawfish (recently renamed "pike minnow") in the vicinity of the project?

Yes  No

If so, please provide details: \_\_\_\_\_  
\_\_\_\_\_

g) Have you seen otters in the fish bypass or ladder?  Yes  No

If so, please indicate what kind and provide details: \_\_\_\_\_  
\_\_\_\_\_

h) Do you know of, or suspect, other species of fish and other wildlife to be present in the vicinity of your project?  Yes  No

If so, please indicate what kind and provide details: BEAVERS WE HAVE LOTS OF BEAVERS - ELK & DEER - THE ELK JUMP MY FENCE AND GO INTO THE BARN AND EAT HAY - 100 FT. FROM HOUSE - NOT AFRAID

2. Do you know of any studies or surveys that have been conducted in the project vicinity? If yes, please describe below who conducted the studies and what you know of the results.

1) Fish surveys?  Yes  No  
If yes, please provide details \_\_\_\_\_

2) Flow studies?  Yes  No  
If yes, please provide details SEE SENT FORM

3) Habitat survey?  Yes  No  
If yes, please provide details \_\_\_\_\_

4) Fish screen or ladder evaluation?  Yes  No  
If yes, please provide details \_\_\_\_\_

5) Any other studies or fish and wildlife data collected?  Yes  No  
If yes, please list and describe \_\_\_\_\_

3. Has a change in fish and wildlife been noticed over the years since you starting operating the project?  Yes  No

If yes, please provide a general description of your observations and the associated time periods.

1994- NO STEELHEAD MADE IT UP THIS YEAR DUE TO MANY 3 & 4 FT. HIGH BEAVER DAMS ON GRAVE CREEK. USUALLY SEE 200 OR MORE FISH.

MANY MORE STEEL HEAD IN LAST 3 YRS - LOTS OF FRY ALL SUMMER - TO MANY ELK & BEAVERS

4. Describe any fish and wildlife protection or mitigation measures required for your project by any permitting agency (such as WRD, ODFW, DEQ, DSL, the County, U.S. Army Corps of Engineers, or Federal Energy Regulatory Commission). Mitigation might include required minimum flows below the project diversion, erosion control measures, a fish ladder, or fish screens.

Type of permit: 10/28/83 AGREEMENT WITH DEPT. OF FISH AND WILDLIFE.  
Conditions: SCREEN, FISH LADDER AND CEASING PROJECT OPERATION WHEN STREAM FLOWS ARE BELOW 2 CFS FOR LIFE OF THE PROJECT.

Type of permit: \_\_\_\_\_  
Conditions: \_\_\_\_\_

Type of permit: \_\_\_\_\_  
Conditions: \_\_\_\_\_

Other: \_\_\_\_\_

5. Were all mitigation requirements implemented?  Yes  No  
If not, explain \_\_\_\_\_

6. Describe any other fish and wildlife facilities or protection actions not required by your existing license that are in place at your project.

Please provide drawings or photos on separate sheets of paper of any fish or wildlife protection structures in place and indicate the type and size of material, bypass location, velocity at screens, frequency of maintenance or other relevant information.

**B. Water Quality and Stream Ecology**

1. During what month of the year do you divert the greatest portion of the available streamflow through your project? (month) \_\_\_\_\_

CONSTANT - NOV. THRU APRIL

NO GOOD ANSWER - WE PROBABLY TAKE  
7% IN JAN. AND 9% IN MARCH  
MAYBE 7% IN APRIL.

1. a. Approximately what portion of the stream do you divert during this month?

25%     50%     100%     other \_\_\_\_\_

b. What is the flow in cubic feet per second (cfs) in the stream just above your diversion point during this month. \_\_\_\_\_ cfs *TO BIG TO MEASURE*

c. Is the number above in 1b an estimate or a measured value?

estimate     measured value

2. During what month of the year do you divert the greatest quantity (cfs) from the stream? (month) CONSTANT

a. Approximately what portion of the stream do you divert during this month?

25%     50%     100%     other \_\_\_\_\_

b. What is the flow in cubic feet per second (cfs) in the stream just above your diversion point during this month. \_\_\_\_\_ cfs

c. Is the number above in 2b an estimate or a measured value?

estimate     measured value

3. Please provide water and air temperature data for any two hot days during late July or early August. Collecting data at several of the following locations is preferred and may be required later if not available now: at the diversion point, stream just above the powerhouse tailrace, outlet of any diversion storage ponds, and tailrace. (See attached material for measuring water temperature.) *DOES NOT APPLY - SHUT OFF*

a. Location of data collection: \_\_\_\_\_  
Date, Day 1: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature  
Date, Day 2: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature

b. Location of data collection \_\_\_\_\_  
Date, Day 1: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature  
Date, Day 2: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature

c. Location of data collection \_\_\_\_\_  
Date, Day 1: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature  
Date, Day 2: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature

d. Location of data collection \_\_\_\_\_  
Date, Day 1: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature  
Date, Day 2: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature

Who took the above measurements? \_\_\_\_\_

4. Do you know of any other water quality **studies or surveys** that have been conducted in the project vicinity? If yes, please describe below who conducted the studies and what you know of the results.

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5. If the project diverts water through a conduit (pipe, canal or penstock), what is the distance in feet from the point of diversion to the point water reenters the stream channel? 1360 feet.

Approximately what percentage of water remains in the stream between these two points during the following months?

May SHUT OFF August \_\_\_\_\_ October \_\_\_\_\_

6. Does the project divert water into a storage pond?  Yes  No

If yes, please indicate the average depth, width and length of the storage pond in feet:

Depth: \_\_\_\_\_ Width: \_\_\_\_\_ Length: \_\_\_\_\_

7. Have you ever noticed that the water is cloudy around your project?

Yes  No ONLY WHEN IT FLOODS

a. If yes, what color was the water?

Brown  Greenish  Other \_\_\_\_\_  
(Select one)

b. Describe the time of year and the weather when the water is cloudy.

Month \_\_\_\_\_ Weather \_\_\_\_\_

8. Have you ever noticed long strands of algae growing from the bottom up in the stream below your diversion point or below the tailrace?

Yes  No

a. If yes, what month did you notice the algae? \_\_\_\_\_

b. Do the algae plants appear every year at the same time?

Yes  No

9. What observations have you made about water quality or stream flows around and downstream of your project? \_\_\_\_\_

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**C. Land Use**

1. A. Is your project consistent with the county and/or city comprehensive land use plan?

Yes  No

B. If no, have you been granted an exception to the plan?

Yes  No Other \_\_\_\_\_

If yes to b above, please provide a copy of the exception approval. If no, exception approval may be required before approval of reauthorization certificate.

2. Does your project impact any resources or sites protected under local land use plans or regulations?  Yes  No

If yes, please describe \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. If you are planning a project expansion, do you have local land use planning approval? If yes, please enclose a completed land use form (see instructions).

**D. Other resources**

1. Is there risk to your project from landslides or earthquakes?

Yes  No

If yes, please describe \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

On what do you base your answer to the above question? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Do you have an emergency shut-down plan in case your project is damaged by landslides, earthquakes or flooding? If so, please describe \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Does water pool on any land around your project sit for more than seven days during the year?

Yes  No

4. Are there sedges, bulrushes or other marsh plants near the project site?

Yes  No

Describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks

If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature

By my signature below I confirm that all statements made and information provided in this application are true and correct to the best of my knowledge.

*James Hamilton*  
Signature of Applicant

*2-15-03*  
Date

\_\_\_\_\_  
Signature of Co-applicant Date

Before submitting this application, have you:  
▶ Answered every question?  
▶ Attached legible maps that meet all the necessary criteria?  
▶ Attached photographs of the project site?

- ▶ Attached a listing of the names and addresses of all property owners abutting the property where the project is located?
- ▶ Attached drawings of fish and wildlife protection structures, if appropriate?

BOISE CASCADE





# Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97301-4172  
503-378-3739  
FAX 503-378-8130

February 10, 2003

James W. Hamilton  
P. O. Box 1283  
Rogue River, OR 97537

**RE: HYDROELECTRIC PROJECT HE 463**

Dear Mr. Hamilton:

I am writing on behalf of the Oregon Water Resources Department concerning your hydroelectric project license, HE 463. As you know, in December 2001 we sent you a letter notifying you that your hydroelectric license will expire on December 31, 2004. State law requires us to notify you three years before your license expires so that you have sufficient time to renew your license. Enclosed is a copy of the hydroelectric license for your reference.

To renew your license, you must first fill out an application. A review of the project file reflects that you returned a blank application to us along with a letter dated February 3, 2002. Your letter said you felt the application form is impossible to correctly fill out and that you were told your permit would automatically be re-instated if no violations were imposed.

In response to your concern about the application being impossible to fill out, I would be happy to meet with you at your earliest convenience to assist you in filling out your application. Please call me at (503) 378-8455 ext. 233 to set up a meeting with me. For your convenience, I have enclosed another application form.

As for your second concern, indicating your belief that your permit would automatically be re-instated, your permit clearly indicates that it will expire on December 31, 2004. There is no such provision in your permit that would allow it to be automatically re-instated. See attached permit. Moreover, it appears that in the past, you have corresponded with Donald Buell, a Water Resources Department Hydroelectric Licensing Engineer on March 9, 1984. In your letter, you discussed renewal of your project with him, this statement made by you clearly indicates that you knew and understood that your project would need to go through a relicensing process. I have enclosed copies of both letters for your reference.

I look forward to hearing from you and providing any assistance that I can to help make this process as easy as possible.

Sincerely,

Janet Weathers  
Hydroelectric Program Assistant

Enclosures





# Oregon

John A. Kitzhaber, M.D., Governor

## Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97301-4172  
(503) 378-3739  
FAX (503) 378-8130  
www.wrd.state.or.us

May 7, 2002  
Certified Letter

James Hamilton  
PO Box 1283  
Rogue River, OR 97537

Project: HE 463

Dear Mr. Hamilton:

On December 26, 2001, the Oregon Water Resources Department (OWRD) received your Notice of Intent to File a Hydroelectric Water Right Application to reauthorize your hydroelectric project. On February 08, 2002 OWRD received your blank project reauthorization application and your letter. I apologize for not having responded sooner. However, the application is being returned to you because the information required in the application was not provided.

Pursuant to Oregon Revised Statutes (ORS) 543.260(1), a license may be issued by the Water Resources Commission to any qualified person for a period not exceeding 50 years. ORS Chapter 543A sets forth the process for reauthorization of existing hydroelectric facilities. The OWRD License for Hydroelectric Project HE 463 which was accepted and signed by you on February 29, 1984, and signed by the OWRD Director on March 5, 1984, states the following:

"Article 2. This license is issued for the period which is effective as of the date of issuance and will terminate December 31, 2004."

You have indicated that you wish to apply to reauthorize the project. In order to reauthorize your project, you must apply to OWRD using the application form we have provided to you. Once you submit your completed application to OWRD, the Hydroelectric Application Review Team (HART), which includes the OWRD, Oregon Department of Environmental Quality (ODEQ) and the Oregon Department of Fish and Wildlife (ODFW), will evaluate your project for reauthorization.

In reviewing your file, I noticed an agreement between you and the ODFW, dated October 14, 1983. In your letter to OWRD dated Feb. 3, 2002, you indicated that you were told that your permit would automatically be reinstated if no violations were imposed. Are you referring to the

James Hamilton  
May 7, 2002 - page two  
Project: HE 463

October 14, 1983 agreement with ODFW?

Hydroelectric licenses are not automatically reauthorized. Rather, licensees who wish to continue to operate their hydroelectric project must go through the reauthorization process. The information noted below is needed by the HART before we can review your project and make a determination about its reauthorization.

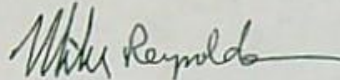
**Please submit the following documentation to my attention at the Oregon Water Resources Department no later than June 17, 2002:**

- a. The completed application to reauthorize your hydroelectric facility. I am returning the date stamped photocopy received by OWRD with your letter on February 8, 2002. You may fill out this copy or the original sent to you on January 8, 2002.
- b. Four copies of an accurate map indicating the township, range, and section where the project is located. See this requirement under Location of project works on page 1 of the application as well as in the Map Criteria which was sent to you earlier and is again enclosed.
- c. Color photos and a photo log of the major structures associated with the project: powerhouse, turbines, diversion point, penstock, tailrace. Also, photos of the waterway just above the project, any bypass reaches (the stream area between your diversion and the point water is returned to the stream), any reservoirs and the point where water comes out of the turbines. See this requirement under Water and Power Use on page 2 and question 8 on page 8 and 9 of the application.
- d. A recorded easement or written authorization permitting access to land where you divert and transport water and generate power. See page 3, Property Ownership Section.
- e. The Department of Environmental Quality will require the Water Quality and Stream Ecology portion of the application, which is on pages 6 and 7 item B.

If you have further questions, concerns or require assistance completing the application form, please call me at (503) 378-8455, extension 255.

James Hamilton  
May 7, 2002 - page three  
Project: HE 463

Sincerely,

A handwritten signature in black ink that reads "Mike Reynolds". The signature is written in a cursive style with a long horizontal flourish at the end.

Mike Reynolds  
Hydroelectric Licensing Specialist

enclosures

S:\grougps\wr\hydro\non-ferc\hart group 5\he463 application return ltr.wpd

MEMORANDUM

To: File for HE 463 – Hamilton  
From: Mike Reynolds, OWRD  
Re: Phone contact -- HE 463 – James W. Hamilton  
Date: 4-8-02

---

I received a message that a Mr. Hamilton called and wanted to ask some questions about a minor hydro project. The message I received indicated that it was the Mr. Hamilton who operates HE 463. I called the number on the message, 541-471-3767, and there was never an answer.

I looked in the file and found a phone number for Mr. Hamilton's brother, at 541-664-1568. I called the brother, who took a message from me and passed it on to James W. Hamilton.

I spoke with James W. Hamilton this afternoon. Mr. Hamilton does not have a phone, so he is very hard to reach. Mr. Hamilton told me that I could call his wife's work number to leave a message at 541-779-6503. Mr. Hamilton said that he had not called OWRD at all, and he did not know why I was calling.

Then we talked about his hydroelectric project. Mr. Hamilton seemed to be upset at the prospect of having to fill out an application for reauthorization of his project. He said it would be impossible to fill out correctly, and he "did not want to incriminate himself" by filling it out.

Mr. Hamilton said that he was told by a man named "Rich" at OWRD, about 17 years ago, who had seen the project, that the project would continue in an ongoing fashion if there were no violations reported. I mentioned to Mr. Hamilton that I saw an agreement between him and ODFW, which I thought may have been related to what Mr. Hamilton was referring to in his earlier letter to OWRD, wherein Mr. Hamilton also said he was told he did not have to do anything to get reauthorized. However, the ODFW agreement only involves Mr. Hamilton and ODFW, and does not affect the reauthorization process in general.

Mr. Hamilton said that he was not talking about the ODFW agreement. Rather, Mr. Hamilton said he was talking about what "Rich" told him from OWRD, 17 years ago. I told Mr. Hamilton that hydroelectric projects are not automatically reauthorized, but need to go through the reauthorization process because the licenses terminate.

Mr. Hamilton said that we (OWRD) were trying to take away his electricity, and he added that he knew that we could not do that. Mr. Hamilton said he has spoken with his attorney who said that the state of Oregon cannot take away his electricity because it is a "necessity of life".

I told Mr. Hamilton that I was not calling him to "take away his electricity", but rather was calling to help him in the reauthorization process by answering questions about the application form and process.

I told Mr. Hamilton that we had sent out a certified letter to him which included another application form for him to fill out and send in. I explained that he did not have to have every question answered perfectly right away, and that I would work with him on the application.

I got the impression that Mr. Hamilton is quite upset about this – mostly because he still does not understand the process and is relying on what "Rich" supposedly told him 17 years ago.

Mr. Hamilton also said that he has been following the development of the hydroelectric laws, and that the reauthorization laws didn't become effective until only a few years ago, and so Mr. Hamilton thinks that they do not apply to him. I explained that Mr. Hamilton's HE license was set to expire on December 31, 2004, as stated in Article 2 of the HE license he signed. Given that the license is set to expire, he can either let it expire or get it reauthorized.

Mr. Hamilton also said he wanted OWRD staff to "just come look at it" now, and that would resolve all of this. I told Mr. Hamilton that we first need an application from him, and that we are following a process that is set forth in the statutes, etc., which may include an eventual site visit.

Mr. Hamilton was on a public phone at what sounded like a company or restaurant, and he said he needed to hang up.

James Hamilton  
P.O. Box 1283  
Rogue River, OR 97537  
HE 463

February 3, 2002

Water Resources Department  
Commerce Building  
158 12<sup>th</sup> Street NE  
Salem, OR 97301-4172

To Whom It May Concern:

It is of my opinion that these papers are not necessary and are impossible to  
Correctly fill out.

As stated in my last letter to you, we were told our permit would  
automatically be re-instated if no violations were imposed. This is the case.  
My system is as good as it gets.

I am requesting that you come and look for yourself. Bring your map maker  
and all the cameras you want, just make sure I am with you. I will answer  
any questions you have if I know the answer.

I can and will meet you at the covered bridge store at the Sunny Valley Exit  
on I-5, 13 miles north of Grants Pass and lead you to my place. I can do this  
anytime of the week. I have no phone, but you can let me know when you  
are coming by calling my brother, Jack Hamilton at 1-541-664-1568 or his  
cell 941-1049.

Sincerely,

*James Hamilton*  
*Jim Hamilton*

*2-5-02*

RECEIVED

FEB 08 2002

WATER RESOURCES DEPT.  
SALEM, OREGON

# LEGAL NOTICE

ALL PRIVATE CITIZENS AND ALL PUBLIC SERVANTS  
YOU ARE HEREBY PUT ON NOTICE THAT THIS IS  
PRIVATE PROPERTY AS SUCH.

WARNING: To all people you may be charged  
with the following:

## OREGON REVISED STATUTES

164.245 Criminal trespass in the second degree. (1) A person commits the crime of criminal trespass in the second degree if he enters or remains unlawfully in or upon premises.

(2) Criminal trespass in the second degree is a Class C misdemeanor. [1971 c.743 §139]

164.255 Criminal trespass in the first degree. (1) A person commits the crime of criminal trespass in the first degree if he enters or remains unlawfully in a dwelling.

(2) Criminal trespass in the first degree is a Class A misdemeanor. [1971 c.743 §140]

164.265 Criminal trespass while in possession of firearm. (1) A person commits the crime of criminal trespass while in possession of a firearm who, while in possession of a firearm, enters or remains unlawfully in or upon premises.

(2) Criminal trespass while in possession of a firearm is a Class A misdemeanor. [1979 c.603 §2]

WARNING: To all public servants.

YOU are hereby put on Notice that this "Is Private Property" as such, all Rights Guaranteed by the, "Constitution," (which you've taken an Oath to uphold and defend) are hereby claimed!

PLEASE NOTE! No Claims or Demands of any kind will be recognized without full, "Due Process of Law!"

If you feel you must contact me Officially, you can do so by mail. Address all correspondence to:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE!** Be sure you personally sign all documents, demands or requests!

Ch. 21                      CIVIL RIGHTS                      42 § 1983

§ 1983. Civil action for deprivation of rights

Every person who, under color of any statute, ordinance, regulation, custom, or usage, of any State or Territory or the District of Columbia, subjects, or causes to be subjected, any citizen of the United States or other person within the jurisdiction thereof to the deprivation of any rights, privileges, or immunities secured by the Constitution and laws, shall be liable to the party injured in an action at law, suit in equity, or other proper proceeding for redress. For the purposes of this section, any Act of Congress applicable exclusively to the District of Columbia shall be considered to be a statute of the District of Columbia.

R.S. § 1979; Pub.L. 96-170, § 1, Dec. 29, 1979, 93 Stat. 1284.

"If two or more persons conspire to injure, oppress, threaten, or intimidate any citizen in the free exercise or enjoyment of any right or privilege secured to him by the Constitution or the laws of the United States, or because of his having so exercised the same: or

If two or more persons go in disguise on the highway, or on the premises of another, with the intent to prevent or hinder his free exercise or enjoyment of any right or privilege so secured —

They shall be fined not more than \$10,000 or imprisoned not more than ten years, or both; and if death they shall be subject to imprisonment for any term of years or for life."

U.S.C., TITLE 18, Sec. 241

RECEIVED

FEB 08 2002

WATER RESOURCES DEPT.  
SALEM, OREGON





# Oregon

John A. Kitzhaber, M.D., Governor

## Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97301-4172  
(503) 378-3739  
FAX (503) 378-8130  
[www.wrd.state.or.us](http://www.wrd.state.or.us)

January 8, 2002

James W. Hamilton  
PO Box 1283  
Rogue River OR 97537

License: HE 463

Dear Mr. Hamilton:

The Water Resources Department recently received the Notice of Intent form you submitted to begin the process to reauthorize your hydroelectric project.

The next step in the reauthorization process requires that you complete the enclosed application form. This completed form must be returned to the Water Resources Department within 60 days from the date on this letter. (In other words, your application must be postmarked no later than March 9, 2002) For your convenience, enclosed along with the application form is information about the reauthorization process, water temperature monitoring and map requirements.

Once the Water Resources Department receives your completed form, a notice will be published in our weekly bulletin, Public Notice of Water Use Requests, announcing that you have submitted an application to reauthorize your hydroelectric project. You will also be able to view the bulletin notice online at [www.wrd.state.or.us/cgi-bin/notices.pl?water\\_rights](http://www.wrd.state.or.us/cgi-bin/notices.pl?water_rights). The notice will request comments on your application and will allow anyone to comment on your application for forty-five (45) days. When the public comment period ends, a Hydroelectric Application Reauthorization Team (HART) will be convened to determine which process the state will use to review your application. The HART is composed of state agencies (which include, among others, the Oregon Water Resources Department, the Department of Environmental Quality and the Oregon Department of Fish and Wildlife) and is tasked with processing your application.

If you have questions or concerns, please phone me at 503-378-8455, ext 233.

Sincerely,

Janet Weathers  
Hydropower Program Assistant

enclosures

S:\groups\wr\hydro\hart reauth\he 463 reauth app.wpd

COPY BY JA.

RECEIVED

FEB 08 2002

WATER RESOURCES DEPT.  
SALEM, OREGON

1. Source of water: \_\_\_\_\_
2. County where use occurs: \_\_\_\_\_
3. Amount of water diverted from the source into the powerhouse in cubic feet per second (cfs) \_\_\_\_\_

**Water and power use**

Please include color photos of the major structures associated with the project: powerhouse, turbines, diversion point, penstock, tailrace. Also include a photo of the waterway just above the project, any bypass reaches (the stream area between your diversion and the point water is returned to the stream), reservoirs and the point where water comes out of the turbines. To determine the theoretical horsepower to be generated, multiple the vertical head in feet by the quantity of water in cubic feet per second and divide the product by 8.8.

1. Theoretical horsepower (thp) generated by the project \_\_\_\_\_  
 Does this represent an increase over historic use?  Yes  No

If Yes, Please check the appropriate box below.

- I am diverting more water to generate the additional power.
- I installed a more efficient power unit, but diverting the same amount of water.
- No.

2. How do you monitor your diversion and water use (describe)?  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

3. Turbine and generator information: *COPY BY JH*
  - a. TURBINE: Type: \_\_\_\_\_  
 Size/Diameter: \_\_\_\_\_
  - b. GENERATOR: KW Rating: \_\_\_\_\_  
 Manufacturer: \_\_\_\_\_  
 Model: \_\_\_\_\_

4. Please indicate how the power is used:
  - For household use
  - Sold to a utility. Please list the name and address of power purchaser. \_\_\_\_\_  
 \_\_\_\_\_

RECEIVED  
 FEB 18 1985  
 WATER RESOURCES DIVISION  
 CALIFORNIA DEPARTMENT OF WATER RESOURCES

## Oregon Water Resources Department

158 12<sup>th</sup> NE  
 Salem, OR 97301-4172  
 Phone: 503-378-8455

## APPLICATION TO REAUTHORIZE A HYDROELECTRIC FACILITY

Please type or print in dark ink. Please answer all questions. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Include additional information on a separate sheet of paper. Thank you.

## Applicant Information

Name			
Last	First	MI	
Name of organization, if applicable: _____			
Mailing address: _____			
City	State	Zip	
Project Address if different than mailing address: _____			
City	County	State	Zip
Phone: _____		Fax: _____	
Home	Work		

COPY BY *JL*

## Project Information

Location of project works.

Please attach four copies of an accurate map indicating the township, range and section where the project is located. If you know the latitude and longitude, please also include that information. Refer to the accompanying material for map criteria.

RECEIVED

FEB 08 2002

WATER RESOURCES DEPT.  
SALEM, OREGON

b) Have you caught fish in the vicinity of the project?  Yes  No

If so, please indicate what kind and provide details: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

c) Have you seen dead fish or wildlife in the vicinity of the project?  Yes  No

If so, please indicate what kind and provide details: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

d) Have you seen fish in your diversion or forebay in the vicinity of the project?

Yes  No

If so, please indicate what kind and provide details: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

e) Have you seen birds such as gulls, kingfishers or mergansers in the vicinity of the project?

Yes  No

If so, please indicate what kind and provide details: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

f) Have you seen squawfish (recently renamed "pike minnow") in the vicinity of the project?

Yes  No

If so, please provide details: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*COPY BY JH*

RECEIVED  
FEB 14 2005  
4  
WATER RESOURCES DIVISION  
MONTANA DEPARTMENT OF ENVIRONMENT

To pump water for irrigation

Other. Please describe. \_\_\_\_\_

5. Has the nature of your use changed since the project was first licensed? Describe any changes in water-use patterns, equipment or facilities since your project was first licensed.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Property Ownership**

Please attach a separate sheet of paper listing the names and addresses of all property owners abutting the property where the project is located.

1. Do you own all the land where you divert and transport water and generate power?

Yes.

No.

2. If no, do you have a recorded easement or written authorization permitting access?

Yes

No

3. If yes, please provide a copy. If no, when do you expect to obtain the easement? \_\_\_\_\_

(Written authorization may be required before a water right can be issued.)

**Resource Information**

**A. Fish and Wildlife:**

1. Please provide information below on **fish and wildlife** species that you have **observed in the project vicinity**. Please provide details on the types, quantities, frequency, time of year, and age category (adults and/or young) you have seen.

a) Have you seen fish in the vicinity of the project?  Yes  No

If so, please indicate what kind and provide details: \_\_\_\_\_

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3

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g) Have you seen otters in the fish bypass or ladder?  Yes  No

If so, please indicate what kind and provide details: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

h) Do you know of, or suspect, other species of fish and other wildlife to be present in the vicinity of your project?  Yes  No

If so, please indicate what kind and provide details: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Do you know of any **studies or surveys** that have been conducted in the project vicinity?  
If yes, please describe below who conducted the studies and what you know of the results.

1) Fish surveys?  Yes  No

If yes, please provide details \_\_\_\_\_

2) Flow studies?  Yes  No

If yes, please provide details \_\_\_\_\_

3) Habitat survey?  Yes  No

If yes, please provide details \_\_\_\_\_

4) Fish screen or ladder evaluation?  Yes  No

If yes, please provide details \_\_\_\_\_

5) Any other studies or fish and wildlife data collected?  Yes  No

If yes, please list and describe \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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3. Has a **change in fish and wildlife** been noticed over the years since you starting operating the project?  Yes  No

If yes, please provide a general description of your observations and the associated time periods.

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4. Describe any fish and wildlife protection or mitigation measures required for your project by any permitting agency (such as WRD, ODFW, DEQ, DSL, the County, U.S. Army Corps of Engineers, or Federal Energy Regulatory Commission). Mitigation might include required minimum flows below the project diversion, erosion control measures, a fish ladder, or fish screens.

Type of permit: \_\_\_\_\_  
Conditions: \_\_\_\_\_

\_\_\_\_\_

Type of permit: \_\_\_\_\_  
Conditions: \_\_\_\_\_

Type of permit: \_\_\_\_\_  
Conditions: \_\_\_\_\_

Other: \_\_\_\_\_

5. Were all mitigation requirements implemented?  Yes  No  
If not, explain \_\_\_\_\_

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6. Describe any other fish and wildlife facilities or protection actions not required by your existing license that are in place at your project.

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Please provide drawings or photos on separate sheets of paper of any fish or wildlife protection structures in place and indicate the type and size of material, bypass location, velocity at screens, frequency of maintenance or other relevant information.

**B. Water Quality and Stream Ecology**

1. During what month of the year do you divert the greatest portion of the available streamflow through your project? (month) \_\_\_\_\_
  - a. Approximately what portion of the stream do you divert during this month?  
 25%     50%     100%     other \_\_\_\_\_
  - b. What is the flow in cubic feet per second (cfs) in the stream just above your diversion point during this month. \_\_\_\_\_ cfs
  - c. Is the number above in 1b an estimate or a measured value?  
 estimate     measured value
  
2. During what month of the year do you divert the greatest quantity (cfs) from the stream? (month) \_\_\_\_\_
  - a. Approximately what portion of the stream do you divert during this month?  
 25%     50%     100%     other \_\_\_\_\_
  2. What is the flow in cubic feet per second (cfs) in the stream just above your diversion point during this month. \_\_\_\_\_ cfs
  3. Is the number above in 2b an estimate or a measured value?  
 estimate     measured value
  
3. Please provide water and air temperature data for any two hot days during late July or early August. Collecting data at several of the following locations is preferred and may be required later if not available now: at the diversion point, stream just above the powerhouse tailrace, outlet of any diversion storage ponds, and tailrace. (See attached material for measuring water temperature.)
  1. Location of data collection: \_\_\_\_\_  
Date, Day 1: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature  
Date, Day 2: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature

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- b. Location of data collection \_\_\_\_\_  
 Date, Day 1: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature  
 Date, Day 2: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature
- c. Location of data collection \_\_\_\_\_  
 Date, Day 1: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature  
 Date, Day 2: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature
- d. Location of data collection \_\_\_\_\_  
 Date, Day 1: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature  
 Date, Day 2: \_\_\_\_\_ noon water temperature \_\_\_\_\_ 3 pm water temperature

Who took the above measurements? \_\_\_\_\_

4. Do you know of any other water quality **studies or surveys** that have been conducted in the project vicinity? If yes, please describe below who conducted the studies and what you know of the results.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. If the project diverts water through a conduit (pipe, canal or penstock), what is the distance in feet from the point of diversion to the point water reenters the stream channel? \_\_\_\_\_ feet.

Approximately what percentage of water remains in the stream between these two points during the following months?

May \_\_\_\_\_ August \_\_\_\_\_ October \_\_\_\_\_

6. Does the project divert water into a storage pond?  Yes  No  
 If yes, please indicate the average depth, width and length of the storage pond in feet:

Depth: \_\_\_\_\_ Width: \_\_\_\_\_ Length: \_\_\_\_\_

7. Have you ever noticed that the water is cloudy around your project?  
 Yes  No

a. If yes, what color was the water?

Brown  Greenish  Other \_\_\_\_\_  
 (Select one)

b. Describe the time of year and the weather when the water is cloudy.  
 Month \_\_\_\_\_ Weather \_\_\_\_\_

8. Have you ever noticed long strands of algae growing from the bottom up in the stream below your diversion point or below the tailrace?

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 U.S. GEOLOGICAL SURVEY

8  
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Yes  No

a. If yes, what month did you notice the algae? \_\_\_\_\_

b. Do the algae plants appear every year at the same time?

Yes  No

9. What observations have you made about water quality or streamflows around and downstream of your project? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**C. Land Use**

1. A. Is your project consistent with the county and/or city comprehensive land use plan?

Yes  No

2. If no, have you been granted an exception to the plan?

Yes  No Other \_\_\_\_\_

If yes to b above, please provide a copy of the exception approval. If no, exception approval may be required before approval of reauthorization certificate.

2. Does your project impact any resources or sites protected under local land use plans or regulations?  Yes  No

If yes, please describe \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. If you are planning a project expansion, do you have local land use planning approval? If yes, please enclose a completed land use form (see instructions).

**D. Other resources**

1. Is there risk to your project from landslides or earthquakes?

Yes  No

If yes, please describe \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

On what do you base your answer to the above question? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Do you have an emergency shut-down plan in case your project is damaged by landslides,

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earthquakes or flooding? If so, please describe \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Does water pool on any land around your project site for more than seven days during the year?  Yes  No

4. Are there sedges, bulrushes or other marsh plants near the project site?

Yes  No

Describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Remarks

If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature

By my signature below I confirm that all statements made and information provided in this application are true and correct to the best of my knowledge.

Signature of Applicant

Date

Signature of Co-applicant

Date

**Before submitting this application, have you:**

- ▶ Answered every question?
- ▶ Attached legible maps that meet all the necessary criteria?
- ▶ Attached photographs of the project site?
- ▶ Attached a listing of the names and addresses of all property owners abutting the property where the project is located?
- ▶ Attached drawings of fish and wildlife protection structures, if appropriate?

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## 690-310-050 Map to Accompany Application for Water Use Permit

(1) Each application shall be accompanied by a map or drawing which shall be considered a part of the application.

(2) Maps submitted with water use applications shall meet the following criteria:

(a) The application map, which is made part of the record, shall be of permanent quality and drawn in ink or otherwise printed in an indelible form with sufficient clarity so as to be easily reproduced;

(b) Maps shall be drawn on good-quality paper. If the map is larger than 11 inches by 17 inches, four copies must be submitted or the map must be drawn on tracing linen, tracing vellum or mylar;

(c) All maps shall be drawn to a standard, even scale of not less than 4 inches = 1 mile. All maps must include the scale to which the map is drawn and a north directional symbol.

(3) A platted and recorded subdivision map, deed description survey map or county assessor map may be submitted as the application map if all of the required information is clearly shown.

(4) Each copy of the map shall show clearly each of the following requirements that apply to the proposed appropriation:

(a) The location of each diversion point, well, or dam by reference to a recognized public land survey corner. The locations may be shown by distance and bearing or by coordinates (distance north or south and distance east or west from the corner);

(b) The location of main canals, ditches, pipelines, or flumes;

(c) The location of the place where water is to be used identified by tax lot, township, range, section and nearest quarter-quarter section along with a notation of the acreage of the proposed place of use, if appropriate. The Department also shall accept any locational coordinate information that the applicant may wish to provide, including latitude and longitude as established by a global positioning system. If for irrigation, the area to be irrigated in each quarter-quarter of a section shall be indicated by shading or hatchuring and the number of acres in each quarter-quarter section, donation land claim, government lot or other recognized public land survey lines indicated.

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# EXHIBIT A

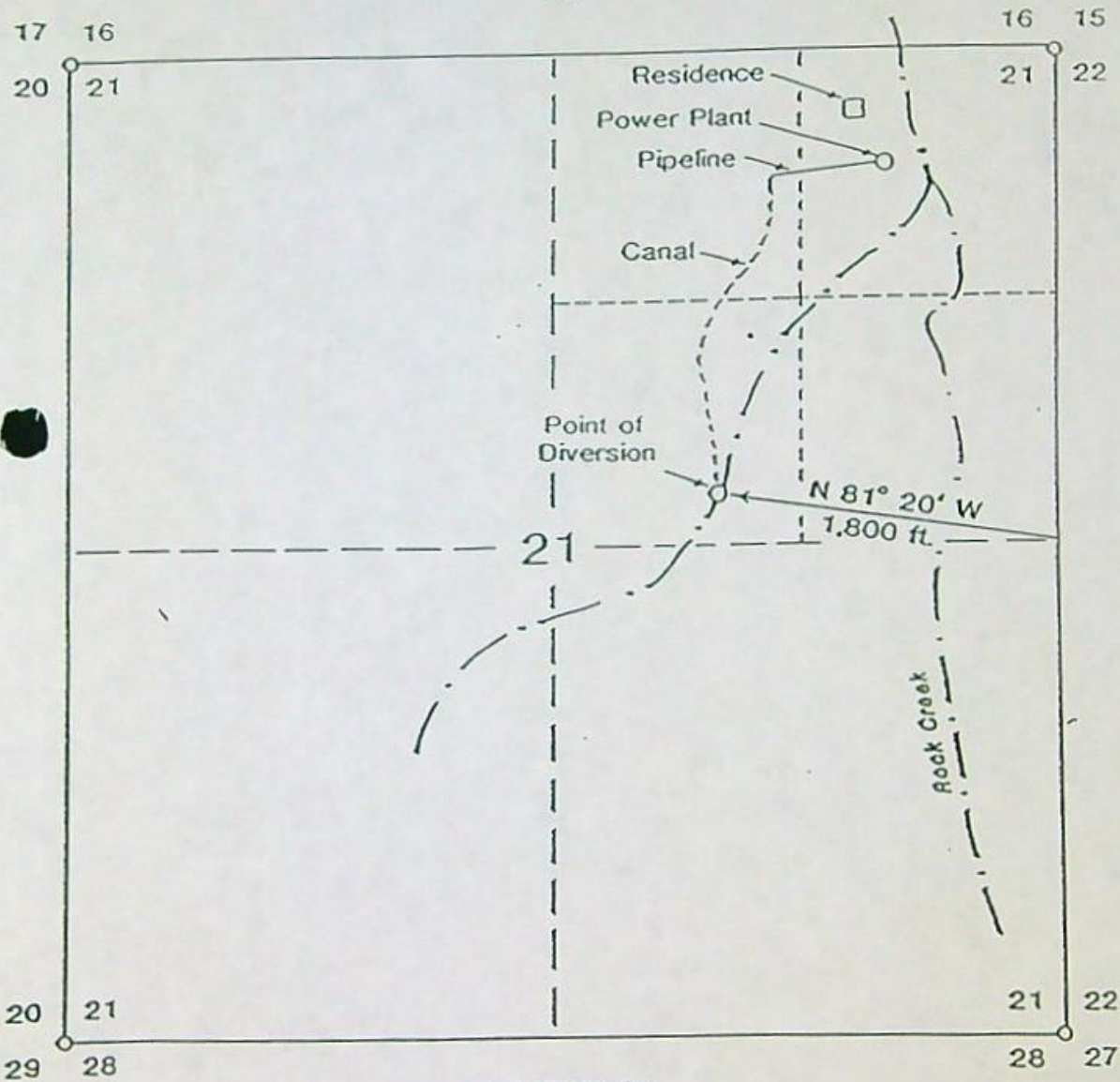
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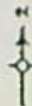
## MAP TO ACCOMPANY APPLICATION FOR HYDROELECTRIC LICENSE

A.C. Smith  
January, 1988



SECTION 21  
TOWNSHIP 2 SOUTH, RANGE 2 WEST, W.M.

Scale: 1" = 1,000'



*copy* *BTJ*

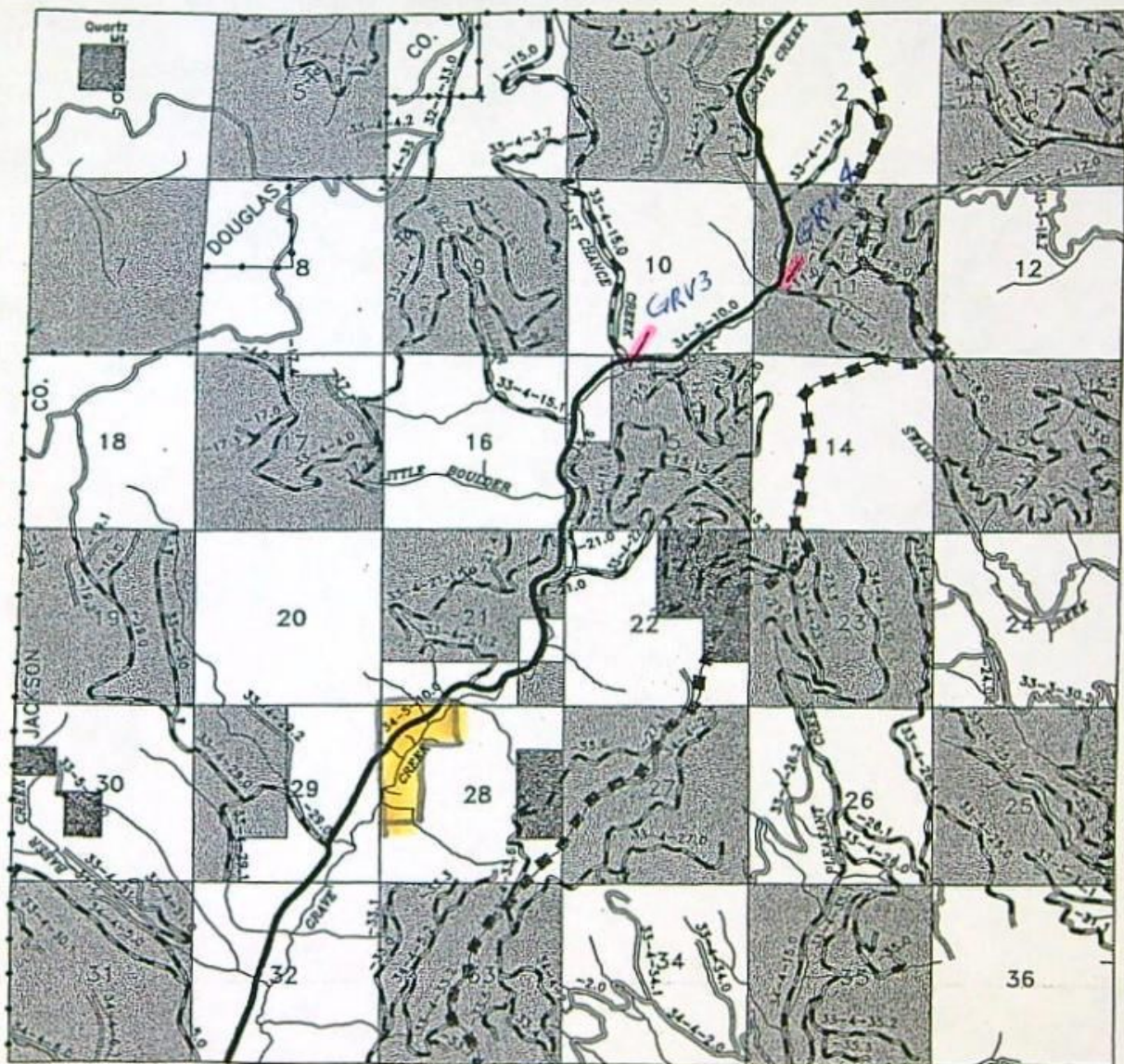
CANADIAN

T.33S.,R.4W., WILL. MER.

SCALE: 1" = 1 MILE

QUARTZ MILL

REV. 3-15-00



STREAM IS 95% SHADED  
WITH ALDERS + FIR FROM  
POINT OF REPORT TO MY  
DAM- BLM SAID THERE WILL  
ONLY BE A 2 OR 3 DEGREE  
RISE IN TEMP. TO MY PLACE.

24

# Grave Creek #3, above Last Chance Creek

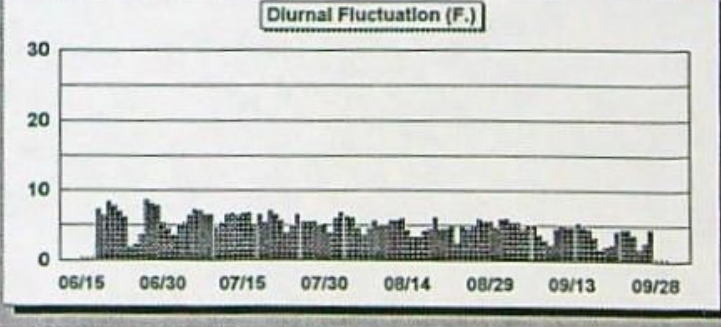
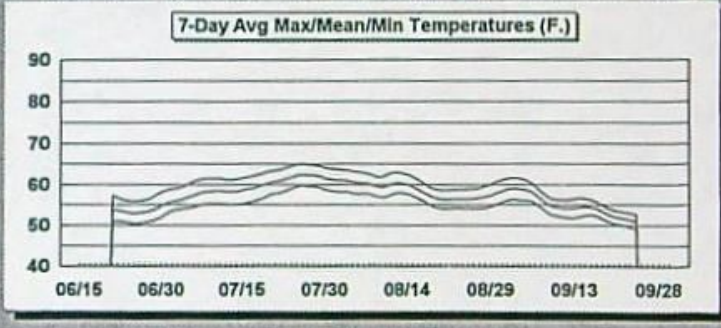
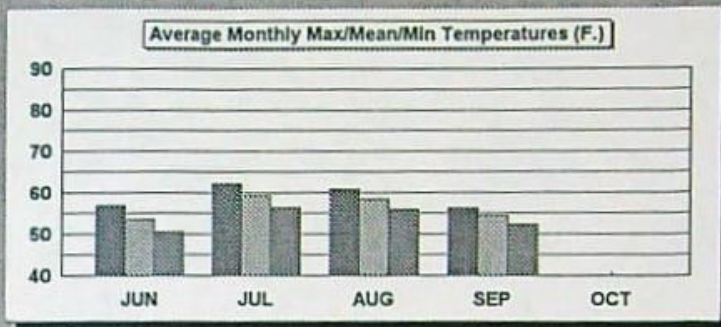
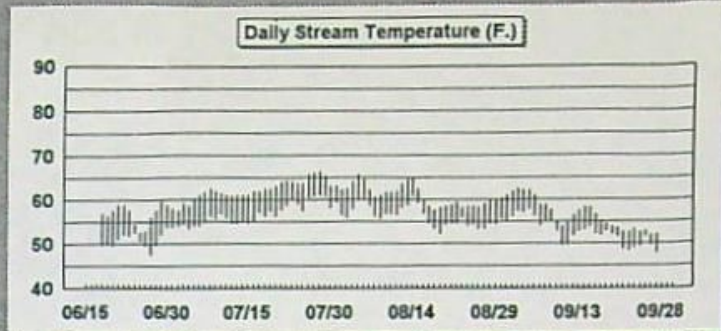
## 1998

BLM Medford District

Stream Temperature Data for Site Code: GRV3  
Hydrologic Unit Code (HUC): 17 10 03 10 03 01 03

### PROVISIONAL DATA SUBJECT TO REVISION

Monthly Statistics	JUN	JUL	AUG	SEP	OCT
Days of complete data:	13	31	31	27	-
<b>Daily Maximums (F.)</b>					
highest maximum:	59.7	66.3	65.7	62.6	-
lowest maximum:	52.7	57.5	57.7	51.9	-
average maximum:	56.8	62.2	61.0	56.4	-
days with maximums <60:	13	4	14	22	-
days with maximums 60-65:	-	23	16	5	-
days with maximums 65-70:	-	4	1	-	-
days with maximums >70:	-	-	-	-	-
7-day avg. maximums > 64.0: (ODEQ water quality standard)	-	8	-	-	-
<b>Daily minimums (F.)</b>					
highest minimum:	53.6	60.9	60.6	57.7	-
lowest minimum:	47.4	53.3	52.2	47.7	-
average minimum:	50.7	56.5	56.0	52.4	-
<b>Daily Means (F.)</b>					
highest mean:	55.8	63.6	62.7	60.0	-
lowest mean:	50.8	55.2	55.3	50.0	-
average mean:	53.5	59.3	58.5	54.4	-
<b>Daily diurnal fluctuation (F.)</b>					
highest diurnal fluctuation:	8.6	7.3	6.8	5.9	-
lowest diurnal fluctuation:	1.9	3.6	2.5	1.7	-
average diurnal fluctuation:	6.2	5.7	5.0	4.0	-
<b>7-day avg. maximums (F.)</b>					
highest 7-day avg. maximum:	58.1	65.0	63.7	61.7	-
lowest 7-day avg. maximum:	55.8	58.5	58.5	52.7	-
mean 7-day avg. maximum:	56.6	62.2	61.0	56.8	-
<b>7-day avg. minimums (F.)</b>					
highest 7-day avg. minimum:	52.0	59.8	58.2	56.4	-
lowest 7-day avg. minimum:	50.4	52.9	54.0	49.0	-
mean 7-day avg. minimum:	50.9	56.4	56.1	52.7	-
<b>7-day average means (F.)</b>					
highest 7-day avg. mean:	54.7	62.4	61.0	59.0	-
lowest 7-day avg. mean:	52.9	55.3	56.3	51.0	-
mean 7-day avg. mean:	53.5	59.3	58.5	54.8	-
<b>7-day average diurnal fluctuation (F.)</b>					
highest 7-day avg. fluctuation:	6.4	6.4	5.6	5.3	-
lowest 7-day avg. fluctuation:	5.3	5.2	4.3	3.2	-
mean 7-day avg. fluctuation:	5.7	5.8	5.0	4.1	-



**Statistics for the period of the 7-day Maximum**

*The warmest 7-day period of stream temperature daily maximums centered on: 07/26*

**7-day average daily maximum (F.): 65.0**

**Daily Statistics for this period:**

	07/23	07/24	07/25	07/26	07/27	07/28	07/29
maximum (F.):	64.0	63.7	63.7	65.7	66.0	66.3	65.4
minimum (F.):	60.0	58.9	57.2	60.3	60.6	60.9	60.6
mean (F.):	61.9	61.3	60.7	63.0	63.3	63.6	63.0
diurnal fluctuation (F.)	4.0	4.8	6.5	5.5	5.5	5.5	4.9



# Grave Creek #3, above Last Chance Creek

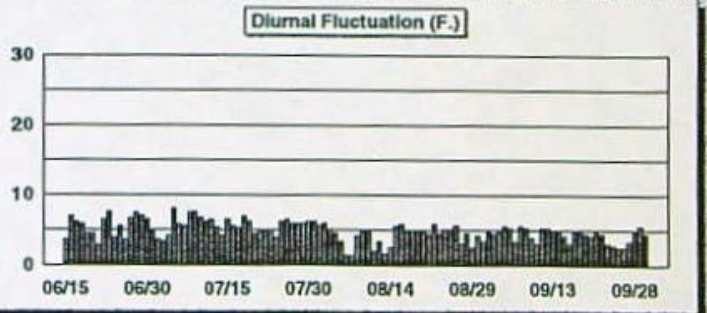
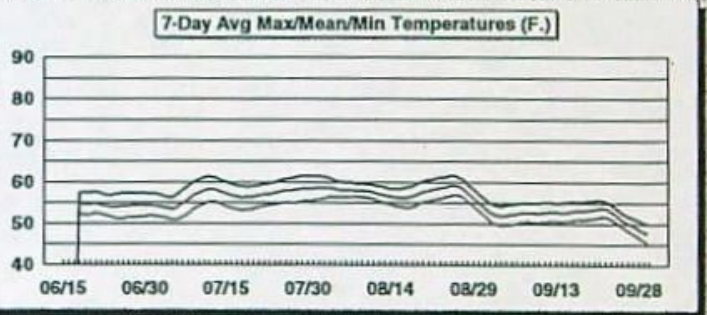
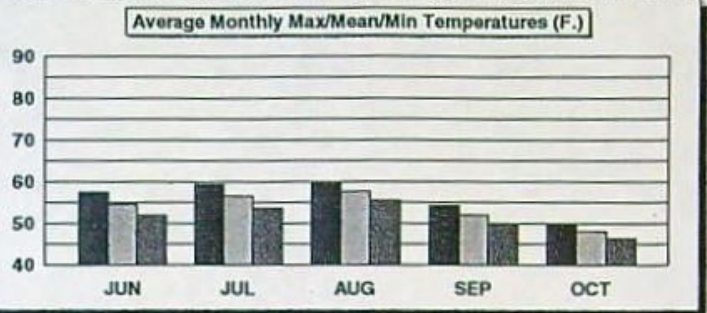
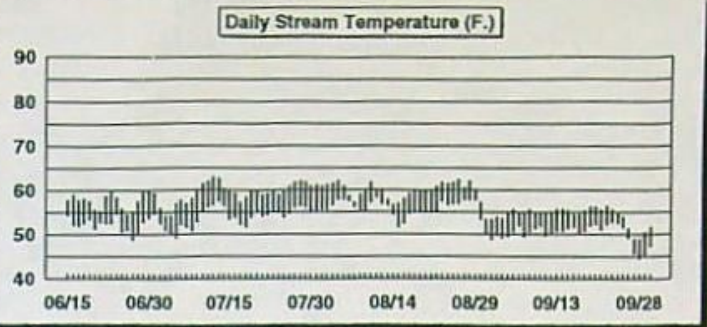
1999

BLM Medford District

Stream Temperature Data for Site Code: GRV3  
Hydrologic Unit Code (HUC): 17 10 03 10 03 01 03

**PROVISIONAL DATA SUBJECT TO REVISION**

Monthly Statistics	JUN	JUL	AUG	SEP	OCT
<i>Days of complete data:</i>	16	31	31	30	6
<b>Daily Maximums (F.)</b>					
highest maximum:	59.8	63.0	62.4	56.4	50.6
lowest maximum:	54.5	54.2	53.3	48.9	49.2
average maximum:	57.5	59.4	59.8	54.2	49.8
days with maximums <60:	16	19	13	30	6
days with maximums 60-65:	-	12	18	-	-
days with maximums 65-70:	-	-	-	-	-
days with maximums >70:	-	-	-	-	-
7-day avg. maximums > 64.0: (ODEQ water quality standard)	-	-	-	-	-
<b>Daily minimums (F.)</b>					
highest minimum:	54.5	57.3	58.1	52.5	48.6
lowest minimum:	48.6	48.9	50.0	44.1	44.7
average minimum:	51.9	53.7	55.6	49.9	46.5
<b>Daily Means (F.)</b>					
highest mean:	56.6	59.9	59.6	54.3	49.2
lowest mean:	52.0	51.9	51.8	46.5	47.0
average mean:	54.7	56.6	57.7	52.0	48.2
<b>Daily diurnal fluctuation (F.)</b>					
highest diurnal fluctuation:	7.6	8.1	5.9	5.6	4.5
lowest diurnal fluctuation:	2.8	3.3	1.4	2.5	1.4
average diurnal fluctuation:	5.6	5.7	4.2	4.4	3.3
<b>7-day avg. maximums (F.)</b>					
highest 7-day avg. maximum:	57.6	61.4	61.6	55.8	50.2
lowest 7-day avg. maximum:	56.8	56.3	56.2	49.9	50.0
mean 7-day avg. maximum:	57.3	59.5	59.7	54.3	50.1
<b>7-day avg. minimums (F.)</b>					
highest 7-day avg. minimum:	52.5	55.5	57.1	51.8	46.6
lowest 7-day avg. minimum:	51.2	50.8	52.1	45.5	45.5
mean 7-day avg. minimum:	51.8	53.7	55.5	50.0	46.1
<b>7-day average means (F.)</b>					
highest 7-day avg. mean:	54.9	58.4	59.2	53.7	48.4
lowest 7-day avg. mean:	54.1	53.5	54.2	47.7	47.8
mean 7-day avg. mean:	54.5	56.6	57.6	52.1	48.1
<b>7-day average diurnal fluctuation (F.)</b>					
highest 7-day avg. fluctuation:	6.0	6.8	5.6	4.9	4.5
lowest 7-day avg. fluctuation:	4.9	5.1	3.2	3.4	3.5
mean 7-day avg. fluctuation:	5.5	5.8	4.3	4.3	4.0



**Statistics for the period of the 7-day Maximum**

The warmest 7-day period of stream temperature daily maximums centered on: 08/25

7-day average daily maximum (F.): 61.6

**Daily Statistics for this period:**

	08/22	08/23	08/24	08/25	08/26	08/27	08/28
maximum (F.):	60.9	61.8	61.5	61.8	62.4	60.7	62.1
minimum (F.):	55.0	57.3	56.4	56.7	56.7	57.5	57.5
mean (F.):	57.9	59.3	59.0	59.2	59.4	59.4	59.6
diurnal fluctuation (F.):	5.9	4.6	5.1	5.1	5.7	3.1	4.6

# Grave Creek #3, above Last Chance Creek

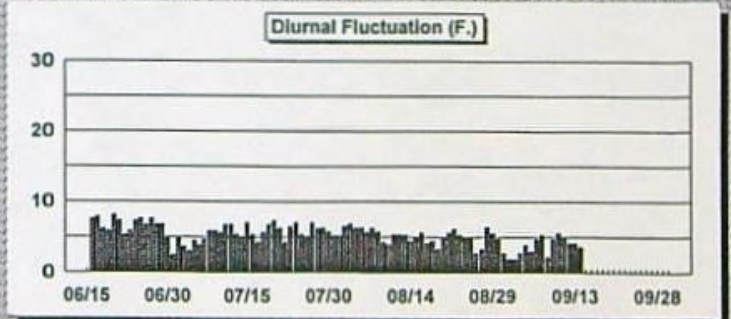
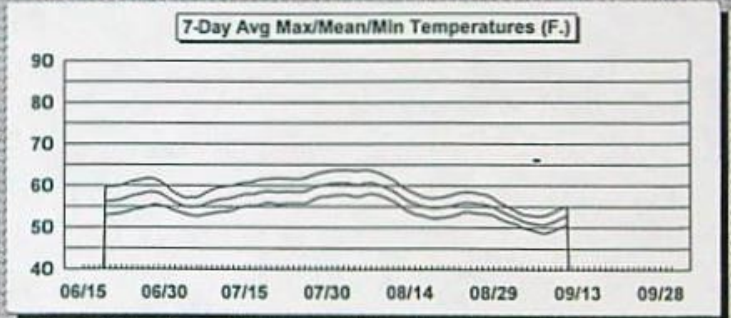
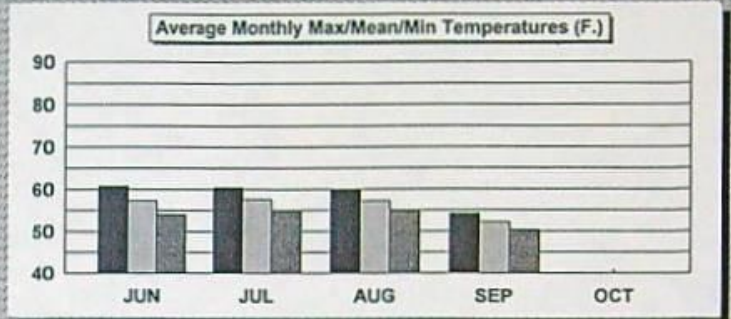
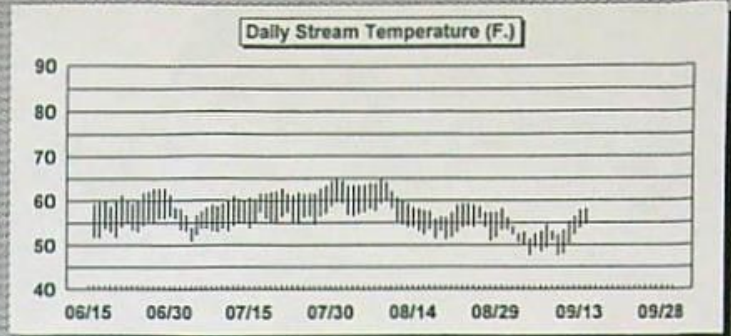
## 2000

BLM Medford District

Stream Temperature Data for Site Code: GRV3  
Hydrologic Unit Code (HUC): 17 10 03 10 03 01 03

PROVISIONAL DATA SUBJECT TO REVISION

Monthly Statistics	JUN	JUL	AUG	SEP	OCT
<i>Days of complete data:</i>	15	31	31	14	-
<i>Daily Maximums (F.)</i>					
highest maximum:	62.7	64.7	65.0	58.2	-
lowest maximum:	58.7	54.0	55.9	51.5	-
average maximum:	60.8	60.4	59.9	54.2	-
days with maximums <60:	6	12	20	14	-
days with maximums 60-65:	9	19	10	-	-
days with maximums 65-70:	-	-	1	-	-
days with maximums >70:	-	-	-	-	-
7-day avg. maximums > 64.0: (ODEQ water quality standard)	-	-	-	-	-
<i>Daily minimums (F.)</i>					
highest minimum:	56.5	59.6	59.9	54.5	-
lowest minimum:	51.7	50.9	50.9	47.6	-
average minimum:	54.0	55.0	54.8	50.4	-
<i>Daily Means (F.)</i>					
highest mean:	59.4	62.0	61.7	56.3	-
lowest mean:	55.5	52.6	53.8	49.7	-
average mean:	57.3	57.6	57.3	52.2	-
<i>Daily diurnal fluctuation (F.)</i>					
highest diurnal fluctuation:	8.1	7.3	6.8	5.6	-
lowest diurnal fluctuation:	4.8	2.5	2.8	1.9	-
average diurnal fluctuation:	6.8	5.5	5.1	3.8	-
<i>7-day avg. maximums (F.)</i>					
highest 7-day avg. maximum:	61.9	63.7	63.9	55.2	-
lowest 7-day avg. maximum:	59.8	57.2	55.5	52.9	-
mean 7-day avg. maximum:	60.8	60.5	59.8	53.8	-
<i>7-day avg. minimums (F.)</i>					
highest 7-day avg. minimum:	55.6	57.8	58.2	51.3	-
lowest 7-day avg. minimum:	52.9	52.8	51.8	48.7	-
mean 7-day avg. minimum:	54.3	55.0	54.8	50.0	-
<i>7-day average means (F.)</i>					
highest 7-day avg. mean:	58.6	60.6	60.8	53.1	-
lowest 7-day avg. mean:	56.2	55.0	53.6	50.8	-
mean 7-day avg. mean:	57.5	57.7	57.2	51.8	-
<i>7-day average diurnal fluctuation (F.)</i>					
highest 7-day avg. fluctuation:	7.0	6.2	6.2	4.5	-
lowest 7-day avg. fluctuation:	5.3	3.9	3.7	3.0	-
mean 7-day avg. fluctuation:	6.5	5.5	5.0	3.8	-



### Statistics for the period of the 7-day Maximum

The warmest 7-day period of stream temperature daily maximums centered on: 08/02

7-day average daily maximum (F.): 63.9

### Daily Statistics for this period:

	07/30	07/31	08/01	08/02	08/03	08/04	08/05
maximum (F.):	64.4	64.7	64.4	63.3	63.3	63.3	63.6
minimum (F.):	58.7	59.6	59.3	56.8	56.5	57.0	57.3
mean (F.):	61.4	62.0	61.6	59.9	59.7	60.0	60.4
diurnal fluctuation (F.):	5.7	5.1	5.1	6.5	6.8	6.2	6.2

# Grave Creek #4, Road 33-4-11

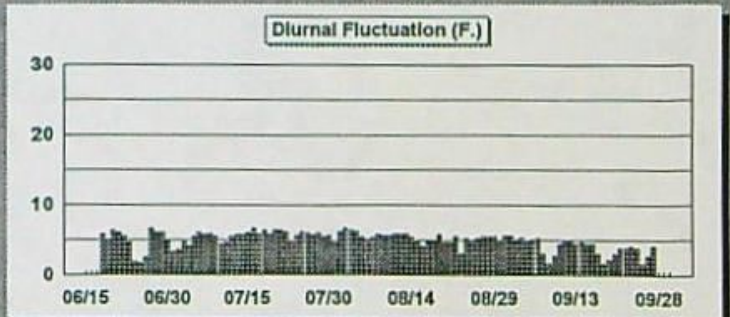
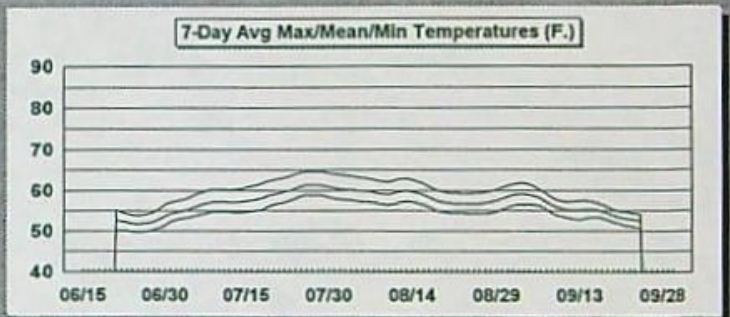
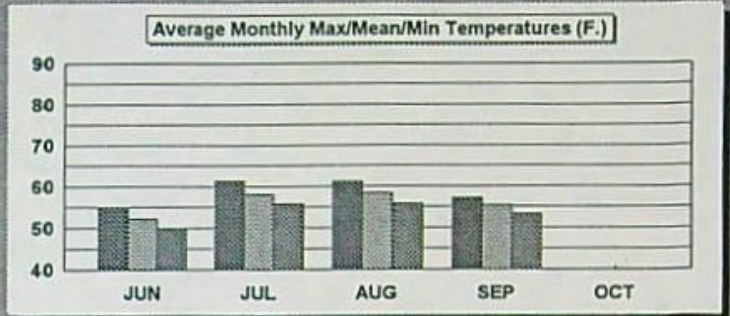
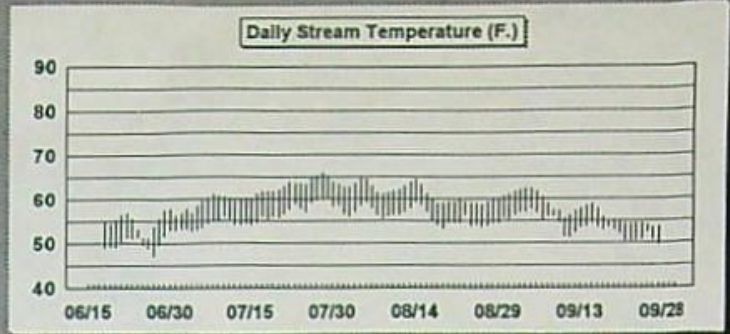
## 1998

BLM Medford District

Stream Temperature Data for Site Code: GRV4  
Hydrologic Unit Code (HUC): 17 10 03 10 03 01 03

### PROVISIONAL DATA SUBJECT TO REVISION

Monthly Statistics	JUN	JUL	AUG	SEP	OCT
<i>Days of complete data:</i>	13	31	31	27	-
<b>Daily Maximums (F.)</b>					
highest maximum:	57.9	65.9	64.7	62.4	-
lowest maximum:	51.2	56.2	58.7	53.4	-
average maximum:	54.9	61.4	61.3	57.3	-
days with maximums <60:	13	8	9	21	-
days with maximums 60-65:	-	19	22	6	-
days with maximums 65-70:	-	4	-	-	-
days with maximums >70:	-	-	-	-	-
7-day avg. maximums > 64.0: (ODEQ water quality standard)	-	6	-	-	-
<b>Daily minimums (F.)</b>					
highest minimum:	52.8	59.8	59.0	57.6	-
lowest minimum:	47.0	52.6	53.1	49.5	-
average minimum:	50.0	55.8	55.8	53.3	-
<b>Daily Means (F.)</b>					
highest mean:	54.8	62.5	61.5	59.9	-
lowest mean:	49.7	54.2	56.2	51.6	-
average mean:	52.3	58.2	58.4	55.3	-
<b>Daily diurnal fluctuation (F.)</b>					
highest diurnal fluctuation:	6.7	6.8	6.8	5.7	-
lowest diurnal fluctuation:	1.7	3.3	3.1	1.7	-
average diurnal fluctuation:	4.9	5.6	5.4	3.9	-
<b>7-day avg. maximums (F.)</b>					
highest 7-day avg. maximum:	56.5	64.6	63.7	61.8	-
lowest 7-day avg. maximum:	53.9	56.9	59.2	54.1	-
mean 7-day avg. maximum:	54.7	61.4	61.3	57.7	-
<b>7-day avg. minimums (F.)</b>					
highest 7-day avg. minimum:	51.4	58.8	57.7	56.5	-
lowest 7-day avg. minimum:	49.7	52.2	54.2	50.6	-
mean 7-day avg. minimum:	50.2	55.7	55.9	53.6	-
<b>7-day average means (F.)</b>					
highest 7-day avg. mean:	53.6	61.3	60.4	59.0	-
lowest 7-day avg. mean:	51.7	54.2	56.7	52.4	-
mean 7-day avg. mean:	52.3	58.1	58.5	55.7	-
<b>7-day average diurnal fluctuation (F.)</b>					
highest 7-day avg. fluctuation:	5.1	6.3	6.0	5.3	-
lowest 7-day avg. fluctuation:	4.1	4.7	4.8	3.2	-
mean 7-day avg. fluctuation:	4.5	5.7	5.4	4.0	-



### Statistics for the period of the 7-day Maximum

The warmest 7-day period of stream temperature daily maximums centered on: 07/27

7-day average daily maximum (F.): 64.6

### Daily Statistics for this period:

	07/24	07/25	07/26	07/27	07/28	07/29	07/30
maximum (F.):	63.6	63.3	65.0	65.3	65.9	65.3	63.9
minimum (F.):	57.9	57.0	59.0	59.6	59.8	59.8	58.1
mean (F.):	60.2	59.7	61.6	62.1	62.5	62.2	60.6
diurnal fluctuation (F.)	5.7	6.3	6.0	5.8	6.0	5.5	5.7

# Grave Creek #4, Road 33-4-11

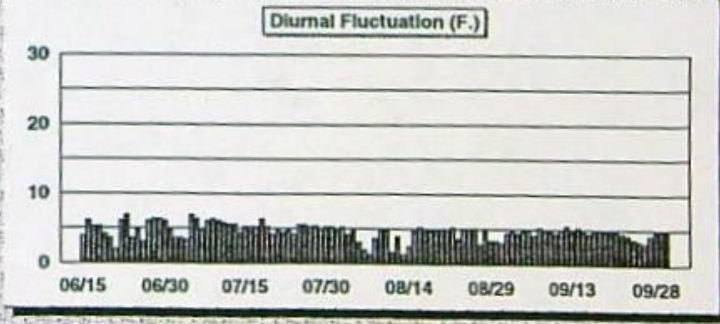
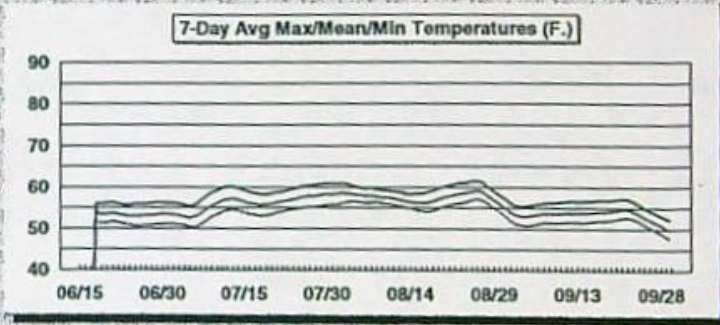
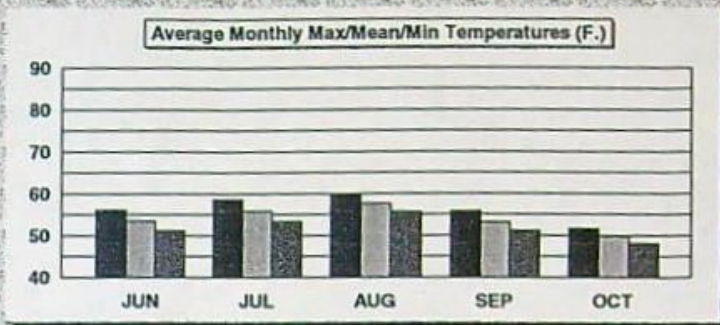
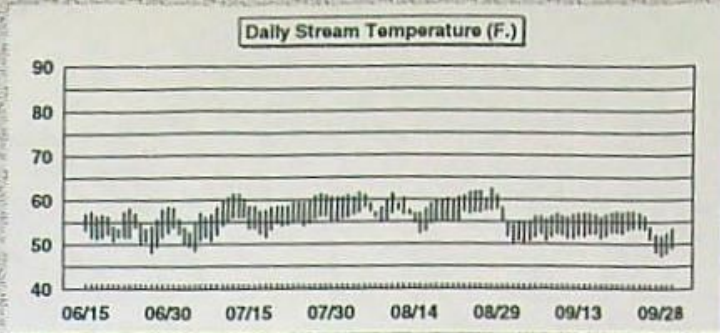
## 1999

BLM Medford District

Stream Temperature Data for Site Code: GRV4  
Hydrologic Unit Code (HUC): 17 10 03 10 03 01 03

### PROVISIONAL DATA SUBJECT TO REVISION

Monthly Statistics	JUN	JUL	AUG	SEP	OCT
<i>Days of complete data:</i>	16	31	31	30	6
<b>Daily Maximums (F.)</b>					
highest maximum:	58.6	61.4	62.6	57.4	52.4
lowest maximum:	53.5	52.7	54.7	51.9	50.8
average maximum:	56.2	58.6	59.8	55.8	51.7
days with maximums <60:	16	22	15	30	6
days with maximums 60-65:	-	9	16	-	-
days with maximums 65-70:	-	-	-	-	-
days with maximums >70:	-	-	-	-	-
7-day avg. maximums > 64.0: (ODEQ water quality standard)	-	-	-	-	-
<b>Daily minimums (F.)</b>					
highest minimum:	53.5	56.0	58.0	53.3	49.6
lowest minimum:	48.0	48.2	51.6	47.1	46.9
average minimum:	51.2	53.4	55.7	51.2	48.1
<b>Daily Means (F.)</b>					
highest mean:	55.4	58.6	59.6	55.1	50.4
lowest mean:	50.9	50.9	53.2	49.3	49.2
average mean:	53.5	55.9	57.6	53.3	49.9
<b>Daily diurnal fluctuation (F.)</b>					
highest diurnal fluctuation:	7.0	7.0	5.3	5.6	4.7
lowest diurnal fluctuation:	2.0	3.3	1.4	3.1	1.7
average diurnal fluctuation:	5.0	5.2	4.0	4.6	3.6
<b>7-day avg. maximums (F.)</b>					
highest 7-day avg. maximum:	56.3	60.9	61.5	57.2	52.3
lowest 7-day avg. maximum:	55.6	55.3	57.3	52.3	52.0
mean 7-day avg. maximum:	56.0	58.6	59.7	55.8	52.2
<b>7-day avg. minimums (F.)</b>					
highest 7-day avg. minimum:	51.7	55.7	57.2	52.8	48.2
lowest 7-day avg. minimum:	50.6	50.3	53.2	47.7	47.7
mean 7-day avg. minimum:	51.1	53.4	55.6	51.2	48.0
<b>7-day average means (F.)</b>					
highest 7-day avg. mean:	53.7	58.3	59.1	54.7	50.0
lowest 7-day avg. mean:	53.0	52.6	55.1	49.9	49.8
mean 7-day avg. mean:	53.3	55.9	57.5	53.3	49.9
<b>7-day average diurnal fluctuation (F.)</b>					
highest 7-day avg. fluctuation:	5.4	6.1	5.0	5.0	4.6
lowest 7-day avg. fluctuation:	4.3	4.7	3.1	3.9	3.7
mean 7-day avg. fluctuation:	4.9	5.3	4.1	4.6	4.2



**Statistics for the period of the 7-day Maximum**

*The warmest 7-day period of stream temperature daily maximums centered on: 08/26*

**7-day average daily maximum (F.): 61.5**

**Daily Statistics for this period:**

	08/23	08/24	08/25	08/26	08/27	08/28	08/29
maximum (F.):	60.8	61.7	62.0	62.0	60.3	62.6	61.1
minimum (F.):	57.2	56.6	56.9	56.9	57.4	57.4	57.7
mean (F.):	58.7	58.9	59.1	59.3	59.1	59.6	59.0
diurnal fluctuation (F.):	3.7	5.1	5.1	5.1	2.8	5.1	3.4

# Grave Creek #4, @ Road 33-4-11

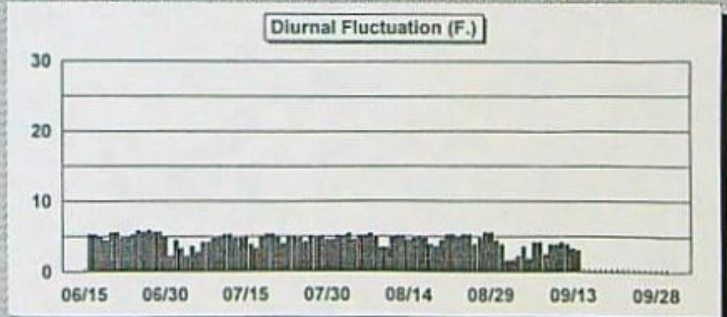
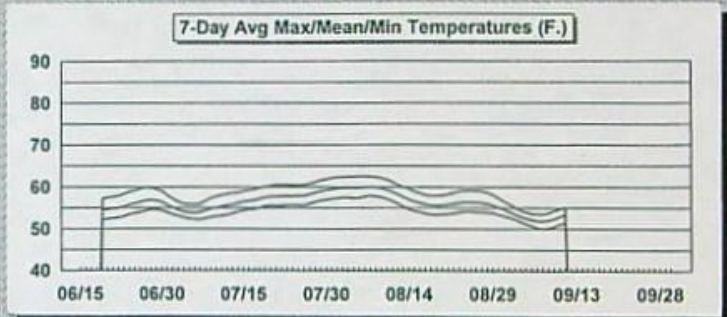
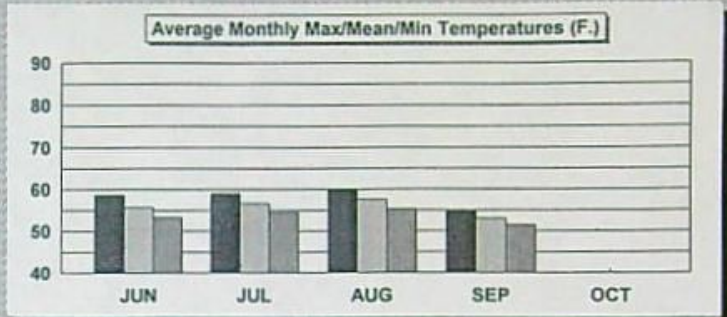
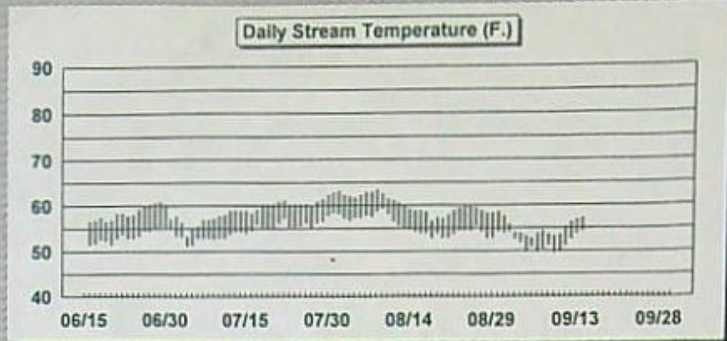
## 2000

BLM Medford District

Stream Temperature Data for Site Code: GRV4  
 Hydrologic Unit Code (HUC): 17 10 03 10 03 01 03  
 N Latitude: 042.42.54 N TRS: 33S-04W-11 NW SW  
 W Longitude 123.08.54 W Elev: 3007' feet MSL

PROVISIONAL DATA SUBJECT TO REVISION

Monthly Statistics	JUN	JUL	AUG	SEP	OCT
<i>Days of complete data:</i>	15	31	31	14	-
<b>Daily Maximums (F.)</b>					
highest maximum:	60.9	62.9	63.5	57.3	-
lowest maximum:	56.7	53.3	56.7	52.8	-
average maximum:	58.6	59.0	60.1	54.6	-
days with maximums <60:	10	17	18	14	-
days with maximums 60-65:	5	14	13	-	-
days with maximums 65-70:	-	-	-	-	-
days with maximums >70:	-	-	-	-	-
7-day avg. maximums > 64.0: (ODEQ water quality standard)	-	-	-	-	-
<b>Daily minimums (F.)</b>					
highest minimum:	55.3	58.4	59.2	54.2	-
lowest minimum:	51.4	51.1	52.8	49.4	-
average minimum:	53.3	54.6	55.3	51.5	-
<b>Daily Means (F.)</b>					
highest mean:	57.8	60.5	60.8	55.8	-
lowest mean:	53.9	52.2	55.1	51.5	-
average mean:	55.7	56.6	57.5	53.0	-
<b>Daily diurnal fluctuation (F.)</b>					
highest diurnal fluctuation:	5.9	5.3	5.6	4.2	-
lowest diurnal fluctuation:	4.5	2.2	3.4	1.7	-
average diurnal fluctuation:	5.3	4.4	4.8	3.2	-
<b>7-day avg. maximums (F.)</b>					
highest 7-day avg. maximum:	60.0	62.2	62.6	56.0	-
lowest 7-day avg. maximum:	57.4	55.9	56.7	53.6	-
mean 7-day avg. maximum:	58.8	59.1	60.0	54.5	-
<b>7-day avg. minimums (F.)</b>					
highest 7-day avg. minimum:	54.7	57.3	58.0	52.7	-
lowest 7-day avg. minimum:	52.2	52.3	53.2	50.1	-
mean 7-day avg. minimum:	53.5	54.6	55.3	51.2	-
<b>7-day average means (F.)</b>					
highest 7-day avg. mean:	57.0	59.6	60.1	54.2	-
lowest 7-day avg. mean:	54.6	53.9	54.8	51.9	-
mean 7-day avg. mean:	55.9	56.6	57.5	52.8	-
<b>7-day average diurnal fluctuation (F.)</b>					
highest 7-day avg. fluctuation:	5.6	5.0	5.1	3.8	-
lowest 7-day avg. fluctuation:	4.6	3.3	3.6	2.8	-
mean 7-day avg. fluctuation:	5.2	4.5	4.7	3.3	-



### Statistics for the period of the 7-day Maximum

The warmest 7-day period of stream temperature daily maximums centered on: 08/06

7-day average daily maximum (F.): 62.6

#### Daily Statistics for this period:

	08/03	08/04	08/05	08/06	08/07	08/08	08/09
maximum (F.):	62.1	61.8	62.4	62.9	62.9	63.5	62.7
minimum (F.):	56.7	57.3	57.3	57.8	57.5	58.7	59.2
mean (F.):	59.3	59.4	59.7	60.2	60.0	60.8	60.7
diurnal fluctuation (F.):	5.4	4.6	5.1	5.1	5.4	4.9	3.4



# Oregon

John A. Kitzhaber, M.D., Governor

## Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97301-4172  
(503) 378-3739  
FAX (503) 378-8130  
www.wrd.state.or.us

December 17, 2001

LICENSE: HE 463

### INVOICE

For Notice of Intent Fee for License is due by **March 18, 2002** for projects generating less than 100 theoretical horsepower.

Notice of Intent Fee:	<b>\$25.00</b>
-----------------------	----------------

Your canceled check will be your receipt. If you require a receipt, please indicate so when sending in your annual fee payment.

<b>PLEASE REMIT TO:</b>		<b>CONTACT FOR QUESTIONS:</b>
STATE OF OREGON WATER RESOURCES DEPARTMENT ATTN: FISCAL SECTION 158 12TH STREET NE SALEM OR 97301-4172		KRISTIN RICHERT (503) 378-8455 EXT. 306 or CRAIG KOHANEK (503)378-8455 EXT. 240 or JANET WEATHERS (503)378-8455 EXT. 233  PREPARED BY: J.W.

PLEASE RETURN ONE COPY OF INVOICE WITH PAYMENT

NOI 2002  
ENCL/INVOICE2

cc: WRD Fiscal Section  
WRD Reception

**RECEIVED**  
**DEC 26 2001**  
WATER RESOURCES DEPT.  
SALEM, OREGON



STATE OF OREGON  
WATER RESOURCES DEPARTMENT

RECEIPT # **50180**

158 12TH ST. N.E.  
SALEM, OR 97310-0210  
378-8455 / 378-8130 (FAX)

INVOICE # \_\_\_\_\_

RECEIVED FROM: James Hamilton

APPLICATION	
PERMIT	
TRANSFER	

CASH:  CHECK: # 96-262 OTHER: (IDENTIFY) \_\_\_\_\_

TOTAL REC'D \$ 25.00

**0417 WRD MISC CASH ACCT**

ADJUDICATIONS	\$
PUBLICATIONS / MAPS	\$
OTHER: (IDENTIFY) _____	\$
OTHER: (IDENTIFY) _____	\$

**REDUCTION OF EXPENSE**

CASH ACCT. \$ \_\_\_\_\_

PCA AND OBJECT CLASS \_\_\_\_\_ VOUCHER # \_\_\_\_\_

**0427 WRD OPERATING ACCT**

0407 MISCELLANEOUS	\$
0410 COPY & TAPE FEES	\$
0408 RESEARCH FEES	\$
(New) TC162 MISC REVENUE: (IDENTIFY) _____	\$
DEPOSIT LIAB. (IDENTIFY) _____	\$

**WATER RIGHTS:**

0201 SURFACE WATER	EXAM FEE \$	0202 RECORD FEE \$
0203 GROUND WATER	\$	0204 \$
0205 TRANSFER	\$	0206 \$
0218 WELL CONSTRUCTION	EXAM FEE \$	LICENSE FEE \$
WELL DRILL CONSTRUCTOR	\$	0219 \$
LANDOWNER'S PERMIT		0220 \$

OTHER (IDENTIFY) \_\_\_\_\_

**0437 WELL CONST. START FEE**

0211 WELL CONST START FEE	\$	CARD #
0210 MONITORING WELLS	\$	CARD #
OTHER (IDENTIFY) _____		

**0539 LOTTERY PROCEEDS**

1302 LOTTERY PROCEEDS	\$
-----------------------	----

**0467 HYDRO ACTIVITY**

0233 POWER LICENSE FEE (FW/WRD)	LIC NUMBER	\$
0231 HYDRO LICENSE FEE (FW/WRD)		\$

238 HRDRO APPLICATION Notice of Intent \$ 25.00

RECEIPT # **50180**

DATED: 12/26/01 BY: C. Vance

## A NOTE IN MY BEHALF

MY PROJECT WAS DESIGNED BY FISH + WILDLIFE 17 YRS AGO. THEY LIKED THE IDEA CAUSE IT WOULD CREATE A GOOD GRAVEL BED FOR SPAWING STEAL HEAD.

THEY WERE RIGHT CAUSE IN LATE APRIL AND EARLY MAY THERE ARE 6 TO 8 BEDS BEHIND DAM EVERY YEAR.

WE LIVE 9 MILES PAST THE POWER LINE. THIS IS OUR ONLY SOURCE OF POWER. WE WERE TOLD THAT OUR LICENSE WOULD AUTOMATICALLY BE RE-NEWED IF NO ~~IS~~ VIOLATIONS WERE ISSUED IN NEXT 20 YRS. *Jim Hamilton*



**RETURN TO: Oregon Water Resources Department**  
 158 12<sup>TH</sup> STREET NE  
 SALEM, OREGON 97301-4172

**NOTICE OF INTENT TO FILE A HYDROELECTRIC WATER RIGHT APPLICATION**

*Please type or print in dark ink. Please provide all of the information requested. Thank you.*

JAMES W HAMILTON

A. Individuals (If more than one person is applying, please attach a sheet providing the information below for each person applying):

Name: HAMILTON JAMES W  
Last First MI

Mailing Address: P.O. Box 1283  
ROGUE RIVER OR. 97537  
City State Zip

Phone: 664-5148 779-6503  
Home Work Other

FAX: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

B. Organizations (Corporations, associations, firms, partnerships, joint stock companies, cooperatives):

Name of Organization: \_\_\_\_\_

Name and title of person applying: \_\_\_\_\_

Mailing address of organization: \_\_\_\_\_

\_\_\_\_\_

City State Zip

Phone: \_\_\_\_\_ FAX: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

RECEIVED  
 DEC 26 2001  
 WATER RESOURCES DEPT.  
 SALEM, OREGON

Statement of Intent

A. Please indicate below whether you intend to seek state reauthorization of this project:

Yes  No

B. If yes, describe any modifications you intend to make to the project if your project is reauthorized:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

C. If no, please submit a decommissioning plan that describes in detail how you intend to dispose of the project (Oregon law requires that you submit a decommissioning plan to the department within 90 days from the date you received notice of license expiration).

Project Description

A. Location of project works:

Township 33 S Range 4 W Quarter-Quarter Section 28 NW  
Nearest City \_\_\_\_\_

B. Sources of Water: Provide the commonly used name of the water body from which water is now diverted or used, and the name of the stream or lake into which it flows.

Source: GRAVE CR. Tributary to: ROGUE RIVER

C. Project specifications:

1. Describe the diversion structure. Provide the measurements, including the length, type, and height: CONCRETE DAM 62 FT. LONG  
0 TO 3 FT. IN HEIGHT. 2 FT.  
HIGH IN CENTER DURING FISH RUN.  
3 FT. HIGH IN SUMMER MTS.

2. Describe the length, type and size of the water conduit to the powerhouse: 1100 FT OF 8" PVC

3. Describe the type of turbine(s) and generating unit(s). Give the size and generation capacity: 12" WHEEL 9 1/4" WIDE

a. Size MICHEL BARKI Capacity 3.25 HP.  
b. Size \_\_\_\_\_ Capacity \_\_\_\_\_  
c. Size \_\_\_\_\_ Capacity \_\_\_\_\_

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**DEC 26 2001**  
**WATER RESOURCES DEPT.**  
**SALEM, OREGON**

4. Describe the water use: (#) SEE NOTE BELOW -  
 Maximum quantity of water diverted or used in cubic feet per second (cfs) ~~260~~ Gross head in feet 10  
 Distance from the powerhouse to the water discharge point on the stream ~~260~~ 260

D. Other:

1. Is your project licensed by the Federal Energy Regulatory Commission (FERC)?  
 Yes License Number \_\_\_\_\_ Expiration Date \_\_\_\_\_  
 No

2. Do you intend to apply for a FERC license?  
 Yes  No

Resource Information

A. Please identify any Indian tribes that are affected by the location and operation of your project:  
NONE

B. Please list local government entities that are affected by your project or have regulatory jurisdiction over the operation and/or siting of your project. Include the names and addresses of all land use planning organizations having jurisdiction.  
I KNOW OF NONE

By my signature below I confirm that I intend:

- To seek reauthorization of project HE # 463  
 Not to seek reauthorization

James Hamilton  
 Signature of Project Owner/Agent

12-24-01  
 Date

Signature of Co-owner/Agent

Date

S:\groups\wr\hydro\forms\non-ferc reauth\form 1b notice of intent frm.wpd

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DEC 26 2001

WATER RESOURCES DEPT.  
 SALEM, OREGON

(#) I HAVE NO WAY OF KNOWING FOR SURE - I PUT A RESTRICTOR IN TURBINE CAUSE WE DID NOT NEED ALL THE POWER. IT PUTS OUT 6 AMPS AT 24 VOLTS -

## A NOTE IN MY BEHALF

MY PROJECT WAS DESIGNED BY FISH + WILDLIFE 17 YRS A GO. THEY LIKED THE IDEA CAUSE IT WOULD CREATE A GOOD GRAVEL BED FOR SPAWING STEALHEAD.

THEY WERE RIGHT CAUSE IN LATE APRIL AND EARLY MAY THERE ARE 6 TO 8 BEDS BEHIND DAM EVERY YEAR.

WE LIVE 9 MILES PAST THE POWER LINE. THIS IS OUR ONLY SOURCE OF POWER.

WE WERE TOLD THAT OUR LICENSE WOULD AUTOMATICALLY BE RE-NEWED IF NO ~~IS~~ VIOLATIONS WERE ISSUED IN NEXT 20 YRS. Jim Hamilton

ORIGINAL LICENSE

NE 463

# WATER RESOURCES DEPARTMENT

LICENSE FOR HYDROELECTRIC  
PROJECT HE 463



**RECEIVED**

MAR 1 1984

WATER RESOURCES DEPT.  
SALEM, OREGON

William H. Young  
DIRECTOR  
SALEM, OREGON

STATE OF OREGON  
WATER RESOURCES DEPARTMENT  
LICENSE FOR HYDROELECTRIC PROJECT 463

WHEREAS, by act of the Legislature of the State of Oregon, ORS 543.010 to 543.620 and 543.990, as amended, hereinafter called the Hydroelectric Act, the Water Resources Director is authorized to issue licenses to acquire and hold the right to the use of the waters within the state, and for the construction, operation and maintenance of facilities for the generation and utilization of hydroelectric energy; and

WHEREAS, James W. Hamilton, a citizen of the United States, hereinafter called the licensee, whose address is PO Box 276, Wolf Creek, OR 97497, made application to the Director for a license for a minor hydroelectric project designated as Project HE 463 in the records of the Director; and

WHEREAS, the Director finds that the proposed project is well adapted to the development and utilization of the water power involved, that no application for this project or in conflict with this project has been filed by any municipality or utility district, and that the licensee has paid to the Water Resources Department all fees required prior to the issuance of this license; and

WHEREAS, the licensee on the 29 day of FEBRUARY, 1984, accepted in writing the terms and conditions of the Hydroelectric Act and of this license;

NOW, THEREFORE, the Director hereby issues this license to the licensee to acquire and hold the right to the use of the waters of Grave Creek Tributary to the Rogue River, and to construct, operate and maintain the project facilities hereinafter described for the generation and utilization of hydroelectric energy, subject to the following express conditions:

Article 1.

Water will be diverted by a gravity concrete dam three feet in height, and conveyed by pipeline to the plant site. Generation facilities will consist of a 12 inch diameter cross flow turbine driving a 32 volt 80 amp DC alternator. After passing through the generating facility, the water utilized will be returned to Grave Creek. The project facilities are more particularly described and shown on the map filed to accompany the application and designated as Exhibit A. Said exhibit is hereby approved by the Director and made a part of this license. The project facilities will be constructed in substantial conformance with this license. No substantial change shall be made unless approved by the Director and incorporated into this license by appropriate amendment.

## Article 2.

This license is issued for the period which is effective as of the date of issuance and will terminate December 31, 2004. This license grants the right to appropriate not to exceed 1.75 cubic feet per second, measured at the point of diversion from said stream, to develop 3.6 theoretical horsepower utilizing a gross head of 18 feet, provided that the right to the use of water will be further limited to the amount which the generation facilities will utilize efficiently. The priority of the right hereby granted is April 13, 1983. On termination of this license, such right to the use of water shall revert to the public. The right granted herein is expressly made inferior in right and subsequent in time to any appropriation of water from this source which may hereafter be made for domestic, municipal, irrigation, or any other beneficial consumptive use.

## Article 3.

The licensee shall begin construction of the project facilities within one year of the date of issuance of this license; shall complete construction of the project facilities within three years of the date of issuance of this license; and thereafter shall maintain the project facilities in good working order. If the licensee fails to begin or complete construction of the project facilities within the time limits fixed in this license or any lawful extension thereof; or if, after completing construction, fails to use or operate the project facilities for any period of five consecutive years, the Director shall, after due notice, terminate this license by written order. If at any time after two years nonuse of water for this project, there shall be any conflicting application for or claim to the use of this water, then the licensee may be required by the Director to show cause why the conflicting application should not be granted and this license terminated.

## Article 4.

The licensee shall pay to the Water Resources Department in accordance with the provisions of ORS 543.300(5), on or before the first day of January of each year after issuance of this license, and during the period of this license, an annual fee of \$3.75.

## Article 5.

The licensee shall maintain an account of the actual cost of the construction of the project facilities and any additions thereto, and shall, under oath, provide such accounting to the Director upon his request.

## Article 6.

The licensee shall allow the Director and his authorized agents and employees free and unrestricted access in, through, and across the project in the performance of their official duties, and shall allow free access to all reports, accounts, records and other data relating to said project.

## Article 7.

The licensee shall be liable for all damages occasioned to the persons or property of others by the construction, operation or maintenance of the project facilities, and in no event will the State of Oregon be liable therefore.



Article 8.

This project being a complete project of less than 100 theoretical horsepower capacity, the following provisions of the Hydroelectric Act, and none other, in accordance with the provisions of ORS 543.300(7), are specifically waived:

ORS-543.510  
ORS 543.520

ORS 543.530

ORS 543.550  
ORS 543.560

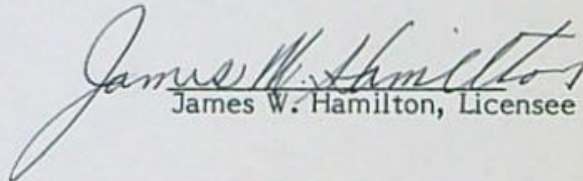
Article 9.

With the written consent of the licensee, the Director may alter, enlarge or omit any of the conditions of this license.

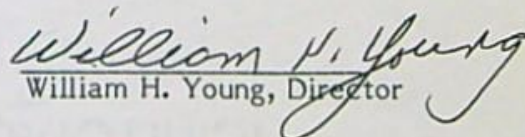
Article 10.

On October 12, 1983, the licensee and the Oregon Department of Fish and Wildlife entered into an agreement pertaining to fish screening facilities and fish passage water in the section of the stream between the point of diversion and the point of return. The agreement has been made of record in the Water Resources Department with other documents pertaining to the license. A copy of the agreement is attached for reference.

IN TESTIMONY OF ACCEPTANCE of all the terms and conditions of this license, ORS 543.010 to 543.620 and 543.990, and the rules and regulations of the Director pursuant thereto, the licensee has affixed his signature this 29 day of FEB, 1984

  
James W. Hamilton, Licensee

IN WITNESS WHEREOF, the Director of the Water Resources Department of Oregon has signed his name at Salem, Oregon this 5<sup>th</sup> day of March, 1984.

  
William H. Young, Director

0056/q  
0853C

16-3B-60

16-3B-60

RECEIVED  
APR 13 1983  
WATER RESOURCES DEPT.  
SALEM, OREGON



A = DIVERSION  
B = GENERATOR  
C = WATER RE-ENTRY

AGREEMENT

RECEIVED

FEB 21 1984

WATER RESOURCES DEPT.  
SALEM, OREGON

HE 463 Hydroelectric Project  
James W. Hamilton, Developer

This agreement is entered into this 12th day Oct. 1983, between the State of Oregon, by and through its Department Of FISH AND WILDLIFE, hereinafter called the "DEPARTMENT" and

James W. Hamilton  
P.O. Box 276, Wolf Creek, Or. 97497

herein called the "DEVELOPER"

RECITALS

WHEREAS the Department has the statutory responsibility and authority to protect and enhance anadromous and game fish in the waters of the State of Oregon; and

WHEREAS the Developer has proposed to divert the waters of Grave Creek, a tributary to Rogue River, Jackson County, Oregon, for purposes of hydroelectric generation, said project more particularly described in the Developer's Application for a Hydroelectric License which is attached hereto as Exhibit A and by this reference incorporated herein; and

WHEREAS the Department and Developer recognize the need to protect the fish life of Grave Creek including populations of winter steelhead, summer steelhead, and cutthroat trout against possible adverse effects of the project; and

WHEREAS, in accordance with ORS 183.415(5), the parties agree that it is in their mutual best interest to informally dispose of the issues which are the subject of this agreement rather than to suffer the time and expense involved in contesting the matter in an administrative proceeding;

NOW, THEREFORE, in light of the above and in consideration of the covenants contained herein, the parties hereto mutually agree as follows:

A. Obligations of the Developer

1. Prior to any operation of the project, the Developer shall furnish, install and maintain a screen over the diversion intake to prevent fish migration downstream through the project diversion. The screen shall be constructed,

installed and maintained according to Department specifications.

Prior to any operation of the project, the Developer shall furnish, install and maintain a fish ladder to allow fish migration over project facilities constructed in the natural channel of Grave Creek. The ladder shall be constructed, installed and maintained to Department specifications.

The Developer agrees to cease project operation when streamflows are below 2 cubic feet per second in the natural channel of Grave Creek from point of diversion to point of project discharge, in order to maintain upstream and downstream fish passage, reproduction, growth and maintenance of fish populations using the section of Grave Creek affected by the project. The specified flows shall be measured 100 feet below the project diversion in Grave Creek.

B. Obligation of the Department

1. The Department agrees to accept the Developer's performance of this agreement as providing adequate protection of the public's interest in the use of the waters of the affected section of Grave Creek for fish and wildlife purposes against possible adverse effects of the project; and therefore further agrees not to protest the issuance of a hydroelectric license for the project by the Oregon Water Resources Department.

C. This agreement shall remain in effect as long as the said project exists within the diversion from Grave Creek and it shall be binding upon and inure to the benefit of the parties and their respective heirs, administrators, executors, successors and assigns.

D. 1. Time is of the essence of this agreement. A default shall occur if the Developer fails to perform any obligation imposed by this agreement and does not correct or commence correction of such failure within 15 days of the date of written notice from the Department specifying the manner in which the Developer is in default.

2. In the event of default, the Department may take either or both of the following steps:

- (a) Specifically enforce the terms of this agreement by civil action.
- (b) Obtain an injunction against operation of the project until the Developer has corrected or commenced correction of the default.

IN WITNESS WHEREOF, the parties hereto have executed this instrument in duplicate through their duly authorized officials as of the first date written above.

DEVELOPER

James Smith

STATE OF OREGON

COUNTY of Jackson

The foregoing instrument was acknowledged before me this 14<sup>th</sup> day of October, 1983 by James Smith.

Lina Merrill

NOTARY PUBLIC for Oregon

My commission expires 10-24-86

STATE OF OREGON

DEPARTMENT OF FISH & WILDLIFE

By John R. Howell

M. J. Montgomery

Assistant Director, Administration

STATE OF OREGON

County of Multnomah

The foregoing instrument was acknowledged before me this 28<sup>th</sup> day of October, 1983 by John R. Howaldson, the Assistant of the Oregon Department of Fish & Wildlife.

Judith A. Nelson

Notary Public for Oregon

My commission expires: 3-14-87

STATE OF OREGON  
WATER RESOURCES DEPARTMENT  
LICENSE FOR HYDROELECTRIC PROJECT 463

WHEREAS, by act of the Legislature of the State of Oregon, ORS 543.010 to 543.620 and 543.990, as amended, hereinafter called the Hydroelectric Act, the Water Resources Director is authorized to issue licenses to acquire and hold the right to the use of the waters within the state, and for the construction, operation and maintenance of facilities for the generation and utilization of hydroelectric energy; and

WHEREAS, James W. Hamilton, a citizen of the United States, hereinafter called the licensee, whose address is PO Box 276, Wolf Creek, OR 97497, made application to the Director for a license for a minor hydroelectric project designated as Project HE 463 in the records of the Director; and

WHEREAS, the Director finds that the proposed project is well adapted to the development and utilization of the water power involved, that no application for this project or in conflict with this project has been filed by any municipality or utility district, and that the licensee has paid to the Water Resources Department all fees required prior to the issuance of this license; and

WHEREAS, the licensee on the 29 day of FEBRUARY, 1984, accepted in writing the terms and conditions of the Hydroelectric Act and of this license;

NOW, THEREFORE, the Director hereby issues this license to the licensee to acquire and hold the right to the use of the waters of Grave Creek Tributary to the Rogue River, and to construct, operate and maintain the project facilities hereinafter described for the generation and utilization of hydroelectric energy, subject to the following express conditions:

Article I.

Water will be diverted by a gravity concrete dam three feet in height, and conveyed by pipeline to the plant site. Generation facilities will consist of a 12 inch diameter cross flow turbine driving a 32 volt 80 amp DC alternator. After passing through the generating facility, the water utilized will be returned to Grave Creek. The project facilities are more particularly described and shown on the map filed to accompany the application and designated as Exhibit A. Said exhibit is hereby approved by the Director and made a part of this license. The project facilities will be constructed in substantial conformance with this license. No substantial change shall be made unless approved by the Director and incorporated into this license by appropriate amendment.

#### Article 2.

This license is issued for the period which is effective as of the date of issuance and will terminate December 31, 2004. This license grants the right to appropriate not to exceed 1.75 cubic feet per second, measured at the point of diversion from said stream, to develop 3.6 theoretical horsepower utilizing a gross head of 18 feet, provided that the right to the use of water will be further limited to the amount which the generation facilities will utilize efficiently. The priority of the right hereby granted is April 13, 1983. On termination of this license, such right to the use of water shall revert to the public. The right granted herein is expressly made inferior in right and subsequent in time to any appropriation of water from this source which may hereafter be made for domestic, municipal, irrigation, or any other beneficial consumptive use.

#### Article 3.

The licensee shall begin construction of the project facilities within one year of the date of issuance of this license; shall complete construction of the project facilities within three years of the date of issuance of this license; and thereafter shall maintain the project facilities in good working order. If the licensee fails to begin or complete construction of the project facilities within the time limits fixed in this license or any lawful extension thereof; or if, after completing construction, fails to use or operate the project facilities for any period of five consecutive years, the Director shall, after due notice, terminate this license by written order. If at any time after two years nonuse of water for this project, there shall be any conflicting application for or claim to the use of this water, then the licensee may be required by the Director to show cause why the conflicting application should not be granted and this license terminated.

#### Article 4.

The licensee shall pay to the Water Resources Department in accordance with the provisions of ORS 543.300(5), on or before the first day of January of each year after issuance of this license, and during the period of this license, an annual fee of \$3.75.

#### Article 5.

The licensee shall maintain an account of the actual cost of the construction of the project facilities and any additions thereto, and shall, under oath, provide such accounting to the Director upon his request.

#### Article 6.

The licensee shall allow the Director and his authorized agents and employees free and unrestricted access in, through, and across the project in the performance of their official duties, and shall allow free access to all reports, accounts, records and other data relating to said project.

#### Article 7.

The licensee shall be liable for all damages occasioned to the persons or property of others by the construction, operation or maintenance of the project facilities, and in no event will the State of Oregon be liable therefore.







# Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building

158 12th Street NE

Salem, OR 97310-0210

(503) 378-3739

FAX (503) 378-8130

RECEIVED

DEC - 3 1997

WATER RESOURCES DEPT.  
SALEM, OREGON

Dear Project Owner:

To better provide you with service, we request your completion of the below questionnaire. Please return with your annual fee payment.

If you are no longer the owner or operator of the project(s), please provide the new owner(s) name and address.

HYDROELECTRIC OR POWER CLAIM NUMBER: HE463

OWNER: SAME

CONTACT PERSON: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

TELEPHONE NUMBER: 1-541-471-3747  
(INCLUDE AREA CODE)

FAX NUMBER: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

PLEASE CHANGE YOUR  
RECORDS TO SHOW THAT  
I LIVE IN ROGUE RIVER,  
NOT GOLD HILL - THANKS -

RECEIVED

DEC 30 1994

Oregon

ATTN: JERRY

WATER RESOURCES DEPT.  
SALEM, OREGON

WATER  
RESOURCES  
DEPARTMENT

A YEAR AGO YOU SAID YOU WERE GOING TO VISIT MY SITE - HAVEN'T SEEN YOU YET. IS THIS VISIT STILL IN YOUR PLANS - I WOULD LIKE TO BE HERE - WORK 5 DAYS A WEEK - GIVE INVOICE ME NOTICE IF YOU PLAN TO COME -

December 8, 1994

JAMES W. HAMILTON  
PO BOX 1283  
ROGUE RIVER OR 97537

Annual fee for License HE 463 is due by January 1, 1995.

I LIVE 13.2 MILES UP GRAVE CK. FROM COVERED BRIDGE AT SUNNY VALLEY

TOTAL DUE: \$3.75

To help reduce state spending, we have instituted the following policy. Your cancelled check will be your receipt. If you require a receipt, please indicate so when sending in your annual fee payment.

PLEASE REMIT TO:		CONTACT FOR QUESTIONS:
STATE OF OREGON WATER RESOURCES DEPARTMENT ATTN: FISCAL SECTION 158 12TH STREET NE SALEM OR 97310		JERRY GAINEY PHONE (503) 378-8455 EXT. 330  PREPARED BY: J.G.

PLEASE RETURN ONE COPY OF INVOICE WITH PAYMENT

NO STEEL HEAD MADE IT UP TO MY PLACE THIS YEAR DUE TO MANY 3 + 4 FT. HIGH BEAVER DAMS ON CRAVE CK. WE USUALLY SEE 200 OR MORE



Commerce Building  
158 12th Street NE  
Salem, OR 97310-0210  
(503) 378-3739  
FAX (503) 378-8130

FISH

RECEIVED

NOV 23 1993

WATER RESOURCES DEPT.  
SALEM, OREGON

1993

PLEASE PROVIDE THE FOLLOWING INFORMATION AND RETURN THIS WITH YOUR ANNUAL PAYMENT.

Hydroelectric Project No. HE 463

How many months were you able to operate your project this year 12 ?

If there were months that you did not operate, what was the reason (was it due to lack of water, equipment problems, no use for the power, etc.) \_\_\_\_\_  
\_\_\_\_\_ ?

Please feel free to add any additional comments about the operation of your project. If you have questions about Oregon's Hydroelectric program, please contact:

Rick Craiger  
Oregon Water Resources Department  
3850 Portland Rd. NE  
Salem, Oregon 97310  
(503) 378-8455, ext. 266

Thank you.

HE 103

RECEIVED

DEC - 9 1992

HYDROELECTRIC OPERATOR SURVEY

WATER RESOURCES DEPT.  
SALEM, OREGON

- 1) How many months did you operate your hydroelectric project the past year? 10
- 2) Has the past 6 year drought cycle affected the amount of power you were able to generate? YES
- 3) Have you made any physical alterations in the design or operation of the project since it was originally licensed? If so, are they the type of improvements that other projects could benefit from? NO
- 4) Are you currently using any devise to measure the amount of water you divert or the amount of power you generate? If so, please describe the type of measuring devise. I HAVE AN AMP METER ON ALTERNATOR. I KNOW THE SPEED OF WATER TRAVEL IN PIPE - THIS X VOLUME = C.F.S.
- 5) What is the power used for?
  - a)  Domestic/Residential
  - b)  Operation of Machinery
  - c)  Commercial
  - d)  Power for Sale
  - e)  Other
- 6) Has the operation of your facility paid for the installation costs? I CAN'T TELL - WE LIVE PAST END OF POWER LINE - DID IT FOR NECESSITY - NOT MONEY

James Hamilton  
Grave Creek / Rogue basin

- 7) Are there any unique features of your project that you would like to share? Attach additional sheets if necessary. I HAVE A VERY EFFICIENT MICHEL BANKI TURBIN MADE BY JEDLO SWEED MACHINE CO. OF GOLD HILL, OR. IT HAS BEEN PERFECT FOR 10 YRS. I WOULD SHOW IT TO ANYONE
- 8) How long has your project been in operation? 10 YRS
- 9) If your project is not in operation, when was the last time it was operated? \_\_\_\_\_
- 10) Are you experiencing any operational problems that you would like assistance with (sorry, we can't make it rain)? Please describe \_\_\_\_\_

BEAVERS

OUR HOME PH. # IS 770-9988  
BUT IT IS NOT ALWAYS ON -  
CALL ME AT WORK - 664-5544  
OR MY WIFE JANET - 779-6503  
MON - FRI.

WE LIVE 13.2 MILES  
UP GRAVE CK. FROM COVERED  
BRIDGE AT SUNNY VALLEY  
ON I.S.

## WATER RESOURCES DEPARTMENT

## INTEROFFICE MEMO

To: File HE 463

Date: August 21, 1985

From: Don Buell <sup>Don</sup>

Subject: Field Inspection Report

I found Mrs. Hamilton at home this date. She gave me a tour of the project and supplied me with required information.

Water is diverted from Graves Creek by a concrete dam approximately 4 feet in height, 70 feet long and two feet thick. As a requirement of ODFW, the dam is equipped with a 2 feet wide, 8 inch deep notch for fish flow and a hole in the stream bed blasted out to give fish sufficient depth to jump at the right end of the dam.

A 10 inch PVC Penstock has a 2 inch by 1 inch trash screen and a 1/4 inch mesh fish screen. There is a 2 inch by-pass pipe for minnows.

Approximately 1000 feet of Penstock carries water thru 18 feet of fall to a 9 inch wide, 12 inch diameter Banki turbine special built by Sweed. A valve at the powerhouse controls water flow.

A 15 inch pulley on the turbine is connected by belt drive to a 4 inch pulley on a 32 volt, 80 amp DC alternator from a 'cat'.

Power is used to charge 8 Energy Center Model 2200 batteries connected in series-parallel to produce 24 volts.

A Best Power Inverter requires 21.5 to 29.5 volts input to supply 110 volts to the house. Maximum output is 2500 KW.

Tail water from powerhouse flows through approximately 150 feet of pipe to Grave Creek.

Assuming a 1 inch high nozzle opening to the turbine:

$$Q = 0.85 \times 0.0625 \sqrt{\frac{64.4 \times 18}{1 - .85^2 \left(\frac{.0625}{.55}\right)^2}} = 1.82 \text{ cfs.}$$

Head loss at 1.82 cfs is 3.2 feet.

At 15.8 feet of head,  $Q = 1.70$  cfs  
License is for 1.75 cfs thru 18 feet  
of head. Balance point for formula  
should be very near to that. Should  
be OK

**RECEIVED**

MAR 19 1984

WATER RESOURCES DEPT.  
SALEM, OREGON

NOTICE OF COMPLETION OF CONSTRUCTION  
UNDER HYDROELECTRIC LICENSE HE 463

I, JAMES W. HAMILTON hereby certify that completion of works  
and use of water within the provisions of the License was accomplished  
by 10-15, 1983.

3-17-84  
Date

James W. Hamilton  
Signature

(Mail to the Water Resources Department, Salem, Oregon 97310)



*Water Resources Department*

MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-8507

March 9, 1984

Irv Jones  
Department of Fish and Wildlife  
506 Southwest Mill Street  
Portland, OR 97201

Dear Irv:

Enclosed for your files is a copy of Hydroelectric License HE 462, issued to James W. Hamilton.

The license was signed by the Director on March 5, 1984.

Sincerely,

DONALD R. BUELL  
Hydroelectric Licensing Engineer

DRB:wpc

enclosure  
1866B/3  
1148C





*Water Resources Department*  
MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-8507

March 9, 1984

James W. Hamilton  
PO Box 276  
Wolf Creek, OR 97497

Dear Mr. Hamilton:

REFERENCE: File HE 463

Enclosed is a signed copy of the license for your Hydroelectric Project HE 463.

Your project is now ready for field inspection. I presently have a backlog of field work, but will contact you for an appointment when I expect to be in your area.

At the end of the 20 years for which your license is issued, it can be renewed by issuance of another license upon receipt of an application accompanied by the required fees.

The Energy Extension Agent's name in your area is Rich Topielec in Medford. His address is 1301 Maple Grove Drive, Medford, OR 97501, phone 776-7371.

Sincerely,

DONALD R. BUELL  
Hydroelectric Licensing Engineer

DRB:wpc  
1866B/1  
1148C

378-8507

March 8, 1984

Bob Steimer, Watermaster  
District 14

Dear Bob:

Enclosed for your files is a copy of Hydroelectric License HE 463, issued to James W. Hamilton.

The license was signed by the Director on March 5, 1984.

Sincerely,

DONALD R. BUELL  
Hydroelectric Licensing Engineer

DRB:wpc

enclosure  
1866B/3  
1148C



*Water Resources Department*

MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-8507 or  
1-800-452-7813

February 27, 1984

James W. Hamilton  
PO Box 276  
Wolf Creek, OR 97497

**RECEIVED**

MAR 1 1984

WATER RESOURCES DEPT.  
SALEM, OREGON

Dear Mr. Hamilton:

REFERENCE file HE 463

Enclosed is an original and one copy of the license for your proposed power project. Please review the license and enter the date and your signature as licensee on the last page of both the original and the copy, and return both to me. I have enclosed an addressed envelope for your convenience in returning the signed documents. The original and copy will then be signed by the Director, and the signed copy returned to you.

*NOT WITH THIS PACKET*

Sincerely,

*Donald R. Buell*  
DONALD R. BUELL  
Hydroelectric Licensing Engineer

DRB:wpc  
0856C

*DEAR MR. BUELL;  
THANK YOU FOR THE LICENSE.  
I ONLY HAVE ONE THING THAT  
BOTHERS ME - ARTICLE 2. I HAVE  
SPENT \$10,000.00 ON THIS PROJECT  
AND I DON'T THINK P.P.+L. WILL  
EVER PUT A POWER LINE THIS FAR  
UP. WHAT WILL HAPPEN IN THE  
YEAR 2004 WHEN MY BOY'S ARE  
LIVING HERE AND THE LICENSE (OVER)*

EXSPIRES.??

IF IN THE FUTURE YOU HAVE  
MEANS FOR EXTENSION, PLEASE  
LET ME KNOW.

I WENT TO AN OREGON  
STATE UNIVERSITY EXTENSION  
SEMINAR LAST YEAR TO TRY AND FIND  
OUT HOW TO BUILD A SMALL DAM AND  
A FLUME. HE HAD NOTHING TO OFFER,  
SO I DID IT THE HARD WAY. I BUILT  
A 400 FT. FLUME AND THE DAM. TOOK  
MANY PICTURES ON HOW TO DO.

WHAT I AM GETTING AT IS - I  
FORGOT HIS NAME BUT WOULD  
LIKE TO MAKE THESE PICTURES  
AVAILABLE TO HIM - LOTS OF PEOPLE  
WANT TO DO WHAT I DID, BUT CAN'T  
FIND OUT HOW.

WE LIVE 13.2 MILES UP  
PLACER RD. FROM COVERED BRIDGE  
AT SUNNY VALLEY AND ARE ALWAYS  
HOME ON SUNDAY. ONLY CHECK MAIL  
ONCE A WEEK - SO IF HE DROPS ME A LINE  
~~FIRST~~ - GIVE IT A WEEK - Jim Hamilton  
FIRST -

378-8507 or  
1-800-452-7813

February 27, 1984

James W. Hamilton  
PO Box 276  
Wolf Creek, OR 97497

Dear Mr. Hamilton:

REFERENCE file HE 463

Enclosed is an original and one copy of the license for your proposed power project. Please review the license and enter the date and your signature as licensee on the last page of both the original and the copy, and return both to me. I have enclosed an addressed envelope for your convenience in returning the signed documents. The original and copy will then be signed by the Director, and the signed copy returned to you.

Sincerely,

DONALD R. BUELL  
Hydroelectric Licensing Engineer

DRB:wpc  
0856C

378-8507  
or  
1-800-452-7813  
(message line)

May 23, 1983

James W. Hamilton  
PO Box 276  
Wolf Creek, OR 97497

Dear Mr. Hamilton:

Your application for a hydroelectric license for a minor project proposing the use of 1.75 cubic feet per second from Graves Creek utilizing a head of 18 feet to develop 3.64 theoretical horsepower has been filed as HE 463. Also received was the fee of \$15 for which our Receipt 35883 is enclosed.

Before a license can be issued under your application, we must have the approval of the Oregon Department of Fish and Wildlife. You may wish to contact your local fish biologist to expedite this matter. His name is Mick Jennings and you can call him at 479-2276.

The degal description of the land on which the project will be located is required to accompany the application. The legal description may be copied from your deed, title insurance policy, or sales contract. If you do not own all of the project lands you must provide evidence that you have or can obtain access of those lands.

Upon receipt of the additional information, your application will be considered for issuance of a license.

Sincerely,

DONALD R. BUELL  
Hydroelectric Licensing Engineer

DRB:wpc  
6601B



*Water Resources Department*  
MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-8507

February 10, 1984

James W. Hamilton  
PO Box 276  
Wolf Creek, OR 97497

**RECEIVED**

FEB 16 1984

WATER RESOURCES DEPT.  
SALEM, OREGON

Dear Mr. Hamilton:

REFERENCE: File HE 463

I have been advised that you are working out the terms of the agreement with the Department of Fish and Wildlife required before a license can be issued for your Hydroelectric Project HE 463.

Please advise this office as to your progress.

Sincerely,

*Donald R Buell*  
DONALD R. BUELL  
Hydroelectric Licensing Engineer

DRB:wpc

0580C/4

DEAR SIR;

I RECEIVED A ~~NOT~~ NOTORIZED PERMIT FROM THE FISH & WILDLIFE DEPT. ON 10-14-83 STATING THAT EVERYTHING WAS IN COMPLIANCE AND I WAS UNDER THE OPINION THAT THEY WOULD SEND YOU A COPY AND I HAD NOTHING ELSE TO DO.

MY SYSTEM HAS BEEN ON LINE SINCE THEN AND EVERYTHING WORKS GREAT -

*Jim Hamilton*



*Water Resources Department*  
MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-8507

February 10, 1984

James W. Hamilton  
PO Box 276  
Wolf Creek, OR 97497

Dear Mr. Hamilton:

REFERENCE: File HE 463

I have been advised that you are working out the terms of the agreement with the Department of Fish and Wildlife required before a license can be issued for your Hydroelectric Project HE 463.

Please advise this office as to your progress.

Sincerely,

DONALD R. BUELL  
Hydroelectric Licensing Engineer

DRB:wpc

0580C/4



REF. # HE 463

DEAR MR. BUELL

HERE IS THE LEGAL  
DESCRIPTION OF MY PROPERTY  
WHICH I OWN ALL OF.

ALL OF THE S.W.  $\frac{1}{4}$  OF  
THE N.W.  $\frac{1}{4}$  AND ALL OF  
THE N.W.  $\frac{1}{4}$  OF THE S.W.  $\frac{1}{4}$   
OF SEC. 28 - T5 33  
RANGE 4 W

MR. JENNINGS HAS ALREADY  
BEEN TO MY PLACE TWICE,  
BUT THANK YOU ANYWAY  
FOR TELLING ME ABOUT HIM

**RECEIVED**

JUN 2 1983

WATER RESOURCES DEPT.  
SALEM, OREGON

*James Hamilton*

File 65025 Bertee and/or Wesley and John Hill, 14850 Highway 238, Grants Pass, Oregon 97526, .299 cfs, spring, tributary Applegate River, supplemental irrigation, NW 1/4 NW 1/4, Section 7, T38S, R4W, WM, Jackson.

File R-65026 Bruce G. and Donnine R. Meyers, 375 McDonough Road, Gold Beach, Oregon 97525, 0.56 af, unnamed stream, tributary N/A/, irrigation, NE 1/4 SE 1/4, Section 30, T35S, R2W, WM, Jackson.

File 65027 Bruce G. and Donnine R. Meyers, 375 McDonough Road, Gold Beach, Oregon 97525, 1 gpm, unnamed stream, seasonal run-off, tributary N/A, irrigation, NE 1/4 SE 1/4, Section 30, T35S, R2W, WM, Jackson.

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File G-10924 Raymond W. and George A. Hoiland, Hoiland Brothers, 89899 North Game Farm Road, Eugene, Oregon 97401, 550 gpm, one well, irrigation purposes, NE 1/4 SW 1/4, Section 7, T15S, R4W, WM, Lane.

File G-10925 Dave Pick, 4235 West Antler, Redmond, Oregon 97756, 1100 gpm, one well, irrigation, NE 1/4 NE 1/4, Section 27, T25S, R14E, WM, Lake.

File G-10926 City of Aumsville, PO Box 227, Aumsville, Oregon 97325, 1.40 cfs, two wells, municipal water supply, NE 1/4 NE 1/4, SE 1/4 SW 1/4, Section 25, T8S, R2W, WM, Marion.

File G-10927 Robert R. Tuttle, PO Box 100, Fort Rock, Oregon 97735, 1.99 primary, 0.08 supplemental, one well, primary and supplemental irrigation, SW 1/4 SW 1/4, Section 32, T26S, R15E, WM, Lake.

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File HE 463 James W. Hamilton, PO Box 276, Wolf Creek, Oregon 97497, 1.75 cfs, Grave Creek, tributary Rogue River, minor license for power, SW 1/4 NW 1/4, Section 28, T33S, R4W, WM, Jackson.

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File T-5233 Fred L. and Nancy K. Straube, POD, Applegate River, Certificate 50339, Jackson.

File T-5234 Fred L. and Nancy K. Straube, POD, Applegate River, Certificate 5298, Jackson.

File T-5235 City of Hermiston, POA, ground water, Certificate 15554, Umatilla.

File T-5236 Ebert N. Amundson and James Layton, Central Oregon Irrigation District, POU, Certificate 29052, Deschutes River, Deschutes.

File T-5237 Dolores Cutter, Central Oregon Irrigation District, POU, Certificate 29052, Deschutes River, Deschutes.

File T-5238 Robert R. Tuttle, POA, ground water, Certificate 44007, Lake.

6044B

*From Press Release dated 4-15-83*



*Water Resources Department*  
MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378 2907

Victor Atiyeh  
Governor

March 30, 1979

11E-463

Jim Hamilton  
12572 Highway 234  
Gold Hill, OR 97525

Dear Sir:

The Rogue River Basin policy statement limits power developments on Grave Creek to a maximum of  $7\frac{1}{2}$  theoretical horsepower. If this would be adequate to satisfy your needs, please advise and I will forward appropriate application forms for hydroelectric license.

If you require a development in excess of  $7\frac{1}{2}$  theoretical horsepower, you should request an exception from the limitation in the policy statement. If you wish to request such an exception, please advise and I will forward appropriate information.

Sincerely

Gary Oberholtzer  
Engineer

GO:vp

RECEIVED

MAR 29 1979

WATER RESOURCES DEPT.  
SALEM, OREGON

JIM HAMILTON

12572 HWY. 234

GOLD HILL, ORE.

97525

DEAR SIR;

PLEASE SEND ME YOUR INFO.  
PERTAINING TO OREGON'S RULES  
& REGULATIONS PERTAINING TO  
SELF OWNED SMALL HYDROELECTRIC  
POWER PLANTS. WE WANT TO  
BUILD A HOUSE ON UPPER GRAVE  
CREEK AND IT IS 11 MILES TO THE  
NEAREST POWER. WE OWN 80 ACRES  
AND THE CREEK RUNS THROUGH THE  
MIDDLE OF IT.

THANK YOU,

Jim Hamilton

JIM HAMILTON  
12572 HWY. 234  
GOLD HILL, ORE.  
97525



WATER RESOURCES DEPT.  
MILL CREEK OFFICE PARK  
555 13TH ST. N.E.  
SALEM, ORE.  
97310



*Water Resources Department*

MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-8507

March 22, 1984

James W. Hamilton  
PO Box 276  
Wolf Creek, OR 97497

Dear Mr. Hamilton:

REFERENCE: HE 463

Thank you for advising us that your project under Hydroelectric License HE 463 is completed.

Your project is now ready for field inspection. I presently have a backlog of field work, but will contact you for an appointment when I expect to be in your area.

Sincerely,

DONALD R. BUELL  
Hydroelectric Licensing Engineer

DRB:wpc

0056/L  
1434C

APPLICATION FOR LICENSE

For a Minor Project for Development of Not to Exceed 100 Theoretical Horsepower

HE 463

RECEIVED

APR 13 1983

WATER RESOURCES DEPT. SALEM, OREGON

Water Resources Director TO THE ~~STATE ENGINEER~~ OF OREGON:

1. JAMES W. HAMILTON P.O. BOX 276 WOLF CREEK, ORE. 97497 of MILE MARKER #9, GRAVES CK. ROAD Business Address City Water Resources Director County JACKSON State ORE.

do hereby make application to the State Engineer of Oregon for a license for the minor project described herein and shown on the maps and plans filed herewith and made a part hereof, said license to authorize the construction, operation and maintenance of certain project works as shown on said maps and plans and the appropriation of water for such project.

- 2. (a) If applicant is a corporation, give date and place of incorporation (b) If applicant is an association of citizens, give date and place of organization (c) If applicant is an individual, state whether or not a citizen of the United States YES (Yes or no)

Note: An applicant corporation must file herewith a certified copy of its articles of incorporation, the full names, post office addresses and official designations of each of its principal officers and directors, and in case of a foreign corporation, the name and address of the resident attorney in fact in this state. An association must submit a certified copy of its articles of association if any there are. If there be none, the fact must be stated over the signature of each member. An individual must furnish an affidavit that he is a citizen of the United States. (The data above outlined should be furnished as separate documents marked as lettered exhibits. If previously furnished with application for preliminary permit, reference thereto will suffice.)

3. The name of the stream from which water is proposed to be used is GRAVE CREEK

tributary of ROGUE RIVER

4. Quantity of water to be appropriated 1.75 cubic feet per second

(If water is to be used from two or more streams, state quantity from each)

5. Head to be utilized 18 feet.

6. Number of theoretical horsepower to be developed 3.64

Note: Quantity of water in cubic feet per second, times head in feet, divided by 8.8 equals theoretical horsepower.

7. Location of point or points of diversion 1430 FEET SOUTH AND 820 FEET WEST OF CORNER COMMON TO SEC. 28 AND 29

(Give bearing and distance to section corner) (If there are to be two or more points of diversion, each must be described and the quantity of water to be diverted at each point must be stated.)

being within the SW 1/4 OF THE NW 1/4 of Section 28, Township 33 S, Range 4 W, W. M., in JACKSON County.

8. The power plant is to be located in the SW 1/4 OF NW 1/4 of Section 28, Township 33 S, Range 4 W, W. M.

9. Give name of stream to which water will be returned after passing through plant

GRAVE CREEK

Location of point of return SW 1/4 OF NW 1/4, Section 28, Township 33 S, Range 4 W, W. M.

10. The 8" P.V.C. is to be 1100 in length.

(Canal, Pipeline, Flume, Etc.)

(Miles or Feet)

11. Description of diversion dam: Height 3 feet; length on top 48 feet;

thickness at top 8 INCHES; thickness at bottom 16" feet; slope of upstream WITH 1 FT. THICK BY 3 FT. WIDE FOOTING IN BEDROCK

face ..... 0 ..... feet horizontal to 1 foot vertical; slope of downstream face .....

feet horizontal to 1 foot vertical. Type of dam and material .....  
(Concrete arch, masonry arch, gravity section concrete, earth fill, etc.)

Other diversion dam or dams described as follows: .....

\* NOT SURE WHAT YOU WANT HERE -

FRONT OR UP STREAM IS VERTICAL - DOWNSTREAM  
WILL HAVE WHAT EVER ANGLE I GET WITH  
8" ON TOP BY 16" ON BOTTOM X 36" HIGH

12. Description of conduit:

(a) Canal. <sup>NO VE</sup> Dimensions at diversion point: Width at water line ..... feet, width on  
bottom ..... feet; depth of water ..... feet; freeboard ..... feet;  
slope ..... feet fall per one thousand feet of length; character of material through  
which to be constructed .....  
(Rock, earth, earth and rock, gravel, sandy soil, etc.)

If canal will vary in dimensions at different points, give concise data as outlined above for  
each point where such change occurs THERE WILL BE

140 FT. OF OPEN TRENCH CUT IN SOLID  
BEDROCK TO RETURN WATER TO  
CREEK AFTER TURBINE SITE.

(b) Pipe Line. Kind of pipe P.V.C.; Length 1.80; diameter at intake 8"  
(Wood, steel, etc.) (Miles or Feet)  
inches; diameter at discharge 8 inches; difference in elevation between intake and  
discharge 18 feet.

Give any further data necessary for computation of capacity, such as locations and eleva-  
tions of high points in line, bends, changes in size, etc. IT IS A STRAIGHT  
LINE, BUT MY CHARTS INDICATE A HEAD  
LOSS OF 11 FT. WITH 800 G.P.M. DISCHARGE  
AND WATER VELOCITY OF 4.32 F.P.S.

\* RESERVOIR

If a reservoir is to be used in connection with the proposed project give descriptions as follows:

13. (a) Name of reservoir .....

(b) Location of reservoir ..... Township ..... Range ..... W. M.  
(Section or Sections)  
County or counties .....

(c) If located in channel of stream, give name .....  
tributary of .....

(d) Location of dam ..... Section ..... Township ..... Range ..... W. M.  
(40-acre Legal Subdivision)

(e) Quantity of water to be stored ..... acre feet.

(f) Height of dam ..... feet; length on top ..... feet; thickness at top ..... feet;  
thickness at bottom ..... feet; slope of upstream face ..... feet horizontal to 1  
foot vertical; slope of downstream face ..... feet horizontal to 1 foot vertical,

Type of dam and material CONCRETE REINFORCED WITH STEEL  
(Concrete arch, masonry arch, gravity section concrete, earth fill, etc.)

\* THE ONLY PURPOSE FOR DAM IS TO GET PIPE LINE  
OUT OF FLOOD STAGE A.S.A.P. NO APPRECIABLE AMOUNT  
OF WATER WILL BE STORED FOR I WILL BACK FILL DAM



(g) Area of water surface at lowest elevation to which water will be drawn down .....  
acres. Area of water surface when reservoir full ..... acres. Difference in elevation  
between high water and low water levels ..... feet.

(h) If more than one reservoir is to be used give description in accordance with above outline.  
.....  
.....

14. The estimated cost of the proposed project is \$ 7500.00

15. The proposed scheme of development for the project is as follows (Here give a concise general description of the project, including an estimate of the power capacity and the proposed installed capacity.): WATER WILL DRIVE A 12" DIAMETER MICHELL BANKI CROSS FLOW TURBINE COUPLED TO A 32 VOLT 80 AMP. D.C. ALTERNATOR CHARGING DEEP CYCLE BATTERIES HOOKED TO A 3500 WATT INVERTER

16. The proposed use or market for the power to be developed is as follows: .....  
THE SOLE PURPOSE OF THIS POWER IS TO PROVIDE ELECTRICITY FOR MY PRIVATE USE IN MY HOUSE LOCATED ON MY PROPERTY

17. The location and capacity of all power projects owned or operated by the applicant, the markets supplied thereby, and the relation thereof to the project applied for are described briefly as follows: I HAVE NO OTHERS

(Attach Separate Sheet If Necessary)

18. The following exhibits are filed herewith and made a part of this application.

Exhibit: A- Project Map

Exhibit: B- Affidavit of Citizenship

Exhibit: .....

19. If this application is made by a corporation or association, give the date of the authorization thereof by the board of directors .....

IN WITNESS WHEREOF this application is signed this 11 day of APRIL, 1983

James M. Hamilton  
(Name of Applicant)  
By .....

WITNESSES:

Michael W. Johnson 25001 Grave Creek rd.  
(Name) (Address)

Michael W. Johnson 25001 Grave Creek Rd.  
(Name) (Address)

WATER RESOURCES DEPT.  
MILL CREEK OFFICE PARK  
555 13th ST. N.E.  
SALEM, OREGON 97310

~~STATE ENGINEER OF OREGON~~

**Application for License for  
Minor Project**

Project No. 463

This instrument was first received in the  
office of the ~~State Engineer~~ <sup>Water Resources Director</sup> of Oregon on the  
13<sup>th</sup> day of April, 1983,  
at 8:00 o'clock A.M.

LETTERED EXHIBITS

RECEIVED

APR 13 1983

WATER RESOURCES DEPT.  
SALEM, OREGON

Project No. \_\_\_\_\_

I, James W. Hamilton

of P.O. BOX 274 WOLF CREEK ORE. 97497  
MILE MARKER # 9 GRAVES CR. ROAD  
hereby certify that I am a citizen of the United States of America.

James W. Hamilton

Subscribed and sworn to before me by James W. Hamilton

\_\_\_\_\_ this 21st day of March, 1983.

Janie M. Spick  
Notary Public for Oregon

My commission expires March 6, 1984

PLEASE MAKE  
COPIES FOR ME

COUNTY SURVEY CORNER  
IRON PIPE CORNER

386000



Boise Cascade  
Corporation

UPPER COW ↑

GRAVE CRK ↓

DOUGLAS CO.

JACKSON CO.

DOUGLAS CO.

JOSEPHINE CO.

385000

KOST TV TOWER

KING MTN S2E5

384000

JOSEPHINE CO.

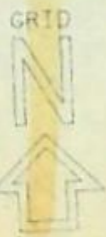
380000

JACKSON CO.

T335

T345

R4W

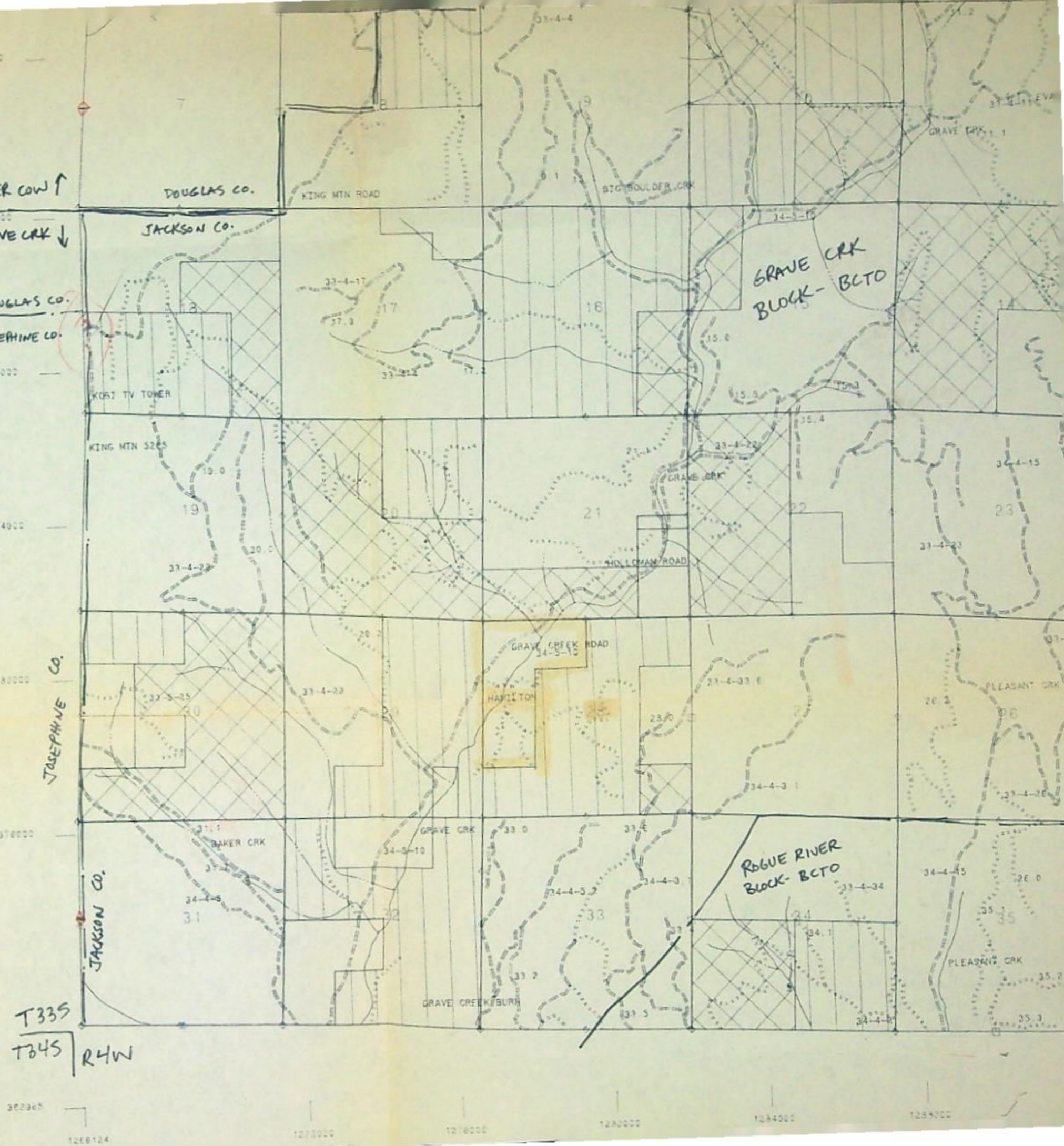


SCALE 1:31680

1 inch = 2640 feet

SOUTHERN OREGON

WEST EVANS, GRAVE CREEK, UPPER COW  
31S4W 31S3W 32S4W 32S3W 33S4W 33S3W  
Rogue River (portion)  
Date: 27 May-1987



GRAVE CRK  
BLOCK - BCTO

ROGUE RIVER  
BLOCK - BCTO

382000 1266124 1270000 1276000 1280000 1284000 1288000