

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## G 15911

ROUTED TO: WATER RIGHTS

TOWNSHIP/

RANGE-SECTION: 35 S/GW - 2

CONDITIONS ATTACHED? ☒ yes ☐ no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: IKG

MEMO

May 5, 2003

☒ Yes

The source of appropriation is within or above a Scenic Waterway

☐ No☒ Yes

Use the Scenic Waterway condition (Condition 7J).

☐ No

PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true)

2

At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

FLOW REDUCTION: (To be filled out only if Preponderance of Evidence box is not checked)

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

[illegible]

X-Sender: gallik@mailhub.wrd.state.or.us
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.6 (32)
Date: Wed, 05 Nov 2003 07:41:33 -0800
To: jerrywgaaney <jerry.w.ganey@wrd.state.or.us>
From: Ivan Gall <Ivan.K.GALL@wrd.state.or.us>
Subject: Re: Ground Water Review - G-15911

T= aquifer transmissivity

S = aquifer storativity

I will not use abbreviations in the future. Thanks for the heads up.

Could you find out who is handling G-16059 (Hoffman Innovative Land Group)?

I need to make sure they have put the application on hold while their consultant collects some data. Holly Cannon should have sent a letter a week or so ago; he is representing the applicant.

Thanks - ivan

At 02:42 PM 11/4/03 -0800, you wrote:

>Ivan,

>

>In reviewing your ground water review for G-15911, Brad VanDehey, I need to

>know your what some of your abbreviations mean.

>

>Under Para C3b, your comments reflect a "T as low as 50" - what does the

>"T" mean and also the meaning of "S" on the same line. Any information

>will be appreciated.

>

>Thanks

>

>=====

>| Jerry

>Gaaney

>mailto:Jerry.W.GAINEY@wrd.state.or.us |

>| Water Right Application

>Caseworker

>ftp://ftp.wrd.state.or.us |

>| Oregon Water Resources Department

>| 725 NE Summer Street, Suite A, Salem, OR

>97301-1271 <http://www.wrd.state.or.us> |

>| Voice:

>(503)-986-0812

>FAX: (503)-986-0901|

>=====

>

Ivan Gall

Hydrogeologist

Oregon Water Resources Department

942 SW 6th Street, Suite E

TO: Water Rights Section APRIL 15, 200 3

FROM: Ground Water/Hydrology Section IVAN GALL
Reviewer's Name

SUBJECT: Application G- 15911 Supersedes review of N/A
Date of Review(s)

PUBLIC INTEREST PRESUMPTION: GROUNDWATER

OAR 690-310-130 (1) The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525. Department staff review ground water applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. **This review is based upon available information and agency policies in place at the time of evaluation.**

A. GENERAL INFORMATION: Applicant's Name: BRAD & KRIS VanDehey

- A1. Applicant(s) seek(s) 0.145 cfs from 8 well(s) in the ROGUE Basin,
JUMPOFF JOE CREEK subbasin Quad Map: SEXTON MOUNTAIN
- A2. Proposed use: IRRIGATION Seasonality: MARCH 1 → OCTOBER 31
- A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, example: 2250' N, 1200' E fr NW cor S 36
1	JOSE 12081	BEDROCK	0.011	355/06W-02dd	490' N, 670' W fr SE cor S 36
2	JOSE 12080	BEDROCK	0.009		1080' N, 630' W fr SE cor S 36
3		BEDROCK	0.013		630' N, 580' W fr SE cor S 36
4	JOSE 13090	BEDROCK	0.036		270' N, 780' W fr SE cor S 36
5	JOSE 13306	BEDROCK	0.005	↓ ↓	670' N, 190' W fr SE cor S 36

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval	Casing Intervals	Liner Intervals	Perforations Or Screens	Well Yield	Draw Down	Test Type
1	1190	30	22	10/4/1985	100	20	+1-27	—	—	12	—	AIR
2	1180	20	16	10/4/1985	100	20	+1-24	—	—	10	—	AIR
3	1190	70	15	10/5/1985	120	20	+1-22.5	—	—	7	—	AIR
4	1195	60	20	2/19/1988	100	20	+2-23	—	—	17	80'	AIR
5	1235	—	21	6/26/1988	120	18	+1-38.5	—	—	3.3	99'	AIR

Use data from application for proposed wells.

A4. Comments: _____

A5. ☒ Provisions of the ROGUE Basin rules relative to the development, classification and/or management of ground water hydraulically connected to surface water ☒ are, or ☐ are not, activated by this application.
(Not all basin rules contain such provisions.)
Comments: SEE OAR 690-515-0040 (F) - No irrigation water from
Jumpoff Joe Creek

A6. ☐ Well(s) # _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
Name of administrative area: _____
Comments: _____

TO: Water Rights Section APRIL 15, 2003
 FROM: Ground Water/Hydrology Section IVAN GALL
 SUBJECT: Application G- 15911 Reviewer's Name
 Supersedes review of N/A Date of Review(s)

PUBLIC INTEREST PRESUMPTION; GROUNDWATER

OAR 690-310-130 (1) *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525. Department staff review ground water applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. This review is based upon available information and agency policies in place at the time of evaluation.*

A. GENERAL INFORMATION: Applicant's Name: BRAD & KRIS Van Dehey

A1. Applicant(s) seek(s) 0.145 cfs from 8 well(s) in the ROGUE Basin,
JUMPOFF JOE CREEK subbasin Quad Map: SEXTON MT

A2. Proposed use: IRRIGATION Seasonality: MARCH 1 - OCTOBER 31

A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, example: 2250' N, 1200' E fr NW cor S 36
<u>6</u>	<u>JOSE 53477</u>	<u>BEDROCK</u>	<u>0.031</u>	<u>355/06W-02 dd</u>	<u>1240' N, 830' W fr SE cor S 36</u>
<u>7</u>	<u>PROPOSED</u>	<u>BEDROCK</u>	<u>0.020</u>	<u>↓</u>	<u>560' N, 920' W fr SE cor S 36</u>
<u>8</u>	<u>PROPOSED</u>	<u>BEDROCK</u>	<u>0.020</u>	<u>↓</u>	<u>1120' N, 380' W fr SE cor S 36</u>

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval	Casing Intervals	Liner Intervals	Perforations Or Screens	Well Yield	Draw Down	Test Type
<u>6</u>	<u>1155</u>	<u>32</u>	<u>32</u>	<u>8/14/2000</u>	<u>225</u>	<u>18</u>	<u>+2-18</u>	<u>-</u>	<u>-</u>	<u>15</u>	<u>-</u>	<u>AIR</u>
<u>7</u>	<u>1160</u>	<u>PROPOSED</u>	<u>NEW WELL</u>									
<u>8</u>	<u>1195</u>	<u>PROPOSED</u>	<u>NEW WELL</u>									

Use data from application for proposed wells.

A4. Comments: _____

A5. ☐ Provisions of the _____ Basin rules relative to the development, classification and/or management of ground water hydraulically connected to surface water ☐ are, or ☐ are not, activated by this application. (Not all basin rules contain such provisions.)
 Comments: _____

A6. ☐ Well(s) # _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
 Name of administrative area: _____
 Comments: _____

B. GROUND WATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130 (b) (c)

B1. Based upon available data, I have determined that ground water for the proposed use:

- a. ☐ is over appropriated, ☐ is not over appropriated, or ☒ cannot be determined to be over-appropriated during any period of the proposed use;
- b. ☐ will not or ☐ will likely be available in the amounts requested without injury to prior ground water rights;
- c. ☐ will not or ☐ will likely to be available within the capacity of the ground water resource; or
- d. ☒ will, if properly conditioned, avoid injury to existing ground water rights or to the ground water resource:
- i. ☒ The permit should contain condition #(s) 7B, 7E, 7J;
- ii. ☐ The permit should be conditioned as indicated in item 2 below.
- iii. ☐ The permit should contain special condition(s) as indicated in item 3 below;

B2.

- a. ☐ **Condition** to allow ground water production from no deeper than _____ ft. below land surface;
- b. ☐ **Condition** to allow ground water production from no shallower than _____ ft. below land surface;
- c. ☐ **Condition** to allow ground water production only from the _____ ground water reservoir between approximately _____ ft. and _____ ft. below land surface;
- d. ☐ **Well reconstruction** is necessary to accomplish one or more of the above conditions. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Ground Water Section.

Describe injury –as related to water availability– that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc): _____

B3. Ground water availability remarks: Approx. 900 well logs within 1 mile of applicant's site. 80 deepening's suggest some degree of gw declines, unknown if seasonal or long-term - None of the state obs. wells in the Meritt/North Valley area show long-term declines. Most wells listed as domestic use, 12 irrigation wells in GRID -

The applicant's wells are somewhat isolated from neighboring wells by Interstate 5 -

C. GROUND WATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040**C1. 690-09-040 (1): Evaluation of aquifer confinement:**

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
1,2,3	BEDROCK	☐	☒
4,5,6	BEDROCK	☐	☒
7,8	BEDROCK	PROPOSED - UNKNOWN	

Basis for aquifer confinement evaluation: JUMPOFF JOE CRK. LOCAL GW DISCHARGE AREA (YEAR ROUND BASE FLOW) - LOCALLY, SEMI-CONFINING TO CONFINING CONDUS. MAY EXIST - NO SIGNIFICANT CONFINING LAYERS NOTED ON WELL LOGS

C2. 690-09-040 (2) (3): Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source.

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
1	1	JUMPOFF JOE CREEK	1168	1060	2,080	☒	☐	☐	☐	☒
2	1		1164		1900	☒	☐	☐	☐	☒
3	1		1175		2050	☒	☐	☐	☐	☒
4	1		1175		2150	☒	☐	☐	☐	☒
5	1		1214		2400	☒	☐	☐	☐	☒
6	1		1123		1750	☒	☐	☐	☐	☒
7	1		-		1850	☐	UNK	☐	☐	☒
8	1		-		2050	☐	UNK	☐	☐	☒
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐

Basis for aquifer hydraulic connection evaluation: GW ELEV. ARE ~100 FT HIGHER THAN STREAM STAGE - JUMPOFF JOE CRK HAS YEAR-ROUND BASEFLOW COMPONENT APPEARS TO BE A CONTACT BETWEEN GRANT'S PASS PLUTON AND APPLEGATE GROUP NEAR JUMPOFF JOE CRK NR SITE

C3a. 690-09-040 (4): Evaluation of stream impacts for each well that has been determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. If Q is not distributed by well, use full rate for each well. If modeled, include description and model parameters in Comments (C3b). Any checked ☒ box indicates the well is assumed to have the potential to cause substantial interference with surface water.

Well	SW #	Well < ¼ mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
1	1	☐	☐	72696	2.51	☐	1.98	☐	5%	☐
2	1	☐	☐			☐		☐	5%	☐
3	1	☐	☐			☐		☐	5%	☐
4	1	☐	☐			☒		☒	5%	☒
5	1	☐	☐			☐		☐	5%	☐
6	1	☐	☐			☒		☒	5%	☒
		☐	☐			☐		☐	5%	☐
7	1	☐	☐			☐		☒	5%	☒
8	1	☐	☐			☐		☒	5%	☒
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐

- C3b. **690-09-040 (4):** Evaluation of stream impacts by total appropriation for all wells determined or assumed to be **hydraulically connected and less than 1 mile** from a surface water source. **Complete only if Q is distributed among wells.** Otherwise same evaluation and limitations apply as in C3a above.

SW #	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
<i>see C3a.</i>	☐			☐		☐		☐
	☐			☐		☐		☐
	☐			☐		☐		☐
	☐			☐		☐		☐

Comments: * Simple analytical equations (governing assumptions not met) suggest that at these distances, with T as low as 50 gpd/ft and S at 0.0005, at least 5% of the Q will deplete the stream in 30 days. Impact increases as pumping time increases.

- C4a. **690-09-040 (5):** Estimated impacts on surface water sources as percent or qualitative fraction* of proposed pumping rate. Limit evaluation to one year of pumping.

Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1	VL	VL	VL	VL	L	L	L	L	I	I	I	L
2	1			VL	VL								
3	1												
4	1												
5	1												
6	1												
7	1												
8	1												

*VL = Very Low (<5%), L = Low (5-25%), I = Intermediate (25-75%), H = High (>75%).

Basis for impact evaluation: see C3b above

- C4b. **690-09-040 (5):** Evaluation of paragraphs under subsection 5. A determination of ☒ **Low** denotes no connection or a very indirect connection between surface water and ground water; ☒ **High** denotes hydraulic connection that would likely reduce surface water availability in the first year of pumping. Do not equate "Low" and "High" between C4a and C4b.

- (a) The potential to reduce surface water availability in JUMP OFF JOE CREEK is ☐ Low or ☒ High
 The potential to reduce surface water availability in _____ is ☐ Low or ☐ High
 The potential to reduce surface water availability in _____ is ☐ Low or ☐ High
 The potential to reduce surface water availability in _____ is ☐ Low or ☐ High

Basis: J. Joe creek is a local groundwater discharge area. Hydraulic gradient is towards J. Joe creek. J. Joe creek has year round flow from baseflow/gw contribution.

- (b) The potential to impair or detrimentally affect the public interest is to be determined by the Water Rights Section.

(c) The **percentage** of appropriation in the first year of use that will be at the expense of surface water 5-25%
Basis: Simple analytical modeling suggests that impact could be seen at stream within 30 days, and increases with time. (see C3b)

Basis: See C3b

Impacted stream	Impacted basin or sub-basin	Existing Ground Water Rights (cfs)

Comments:

- C5. ☐ **If properly conditioned**, the surface water source(s) can be adequately protected from interference, and/or ground water use under this permit can be regulated if it is found to substantially interfere with surface water:
- i. ☐ The permit should contain condition #(s) _____.
 - ii. ☐ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ☐ The permit should be conditioned as indicated in item 6 below;

C6. ☐ **If the well is not reconstructed**, it will interfere with surface water. Well reconstruction, as follows, will adequately protect surface water from interference. If the ground water use under this permit is found to have the potential for substantial interference with surface water, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Ground Water Section.:

The well should be reconstructed as follows:

C7. SW / GW Remarks

D. WELL CONSTRUCTION, OAR 690-200

- D1. Well #: _____ Logid: _____
- D2. **THE WELL does not meet current well construction standards based upon:**
- a. ☐ review of the well log;
 - b. ☐ field inspection by _____;
 - c. ☐ report of CWRE _____;
 - d. ☐ other: (specify) _____
- D3. **THE WELL construction deficiency:**
- a. ☐ constitutes a health threat under Division 200 rules;
 - b. ☐ commingles water from more than one ground water reservoir;
 - c. ☐ permits the loss of artesian head;
 - d. ☐ permits the de-watering of one or more ground water reservoirs;
 - e. ☐ other: (specify) _____
- D4. **THE WELL construction deficiency is described as follows:** _____
- D5. **THE WELL** a. ☐ **was**, or ☐ **was not** constructed according to the standards in effect at the time of original construction or most recent modification.
- b. ☐ I don't know if it met standards at the time of construction.
- D6. ☐ **Route to the Enforcement Section.** I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Enforcement Section and the Ground Water Section.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

- D7. ☐ Well construction deficiency has been corrected by the following actions: _____
- _____, 200____.
- (Enforcement Section Signature)
- D8. ☐ **Route to Water Rights Section (attach well reconstruction logs to this page).**

STATE OF OREGON

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

Oregon Water Resources Department
158 12th Street NE
Salem, Oregon 97310

The specific limits for the use are listed below along with conditions of use.

Source: JUMPOFF JOE CR tributary to ROGUE R

County: JOSEPHINE

Proposed use: Providing required stream flows for coho salmon, winter and summer steelhead and cutthroat trout for migration, spawning, egg incubation, fry emergence, and juvenile rearing.

To be maintained in:

JUMPOFF JOE CREEK FROM COVE CREEK AT RIVER MILE 12.9 (NENE, SECTION 5, TOWNSHIP 35S, RANGE 5W WM); TO LOUSE CREEK AT RIVER MILE 4.2 (NENE, SECTION 20, TOWNSHIP 35S, RANGE 6W WM)

The right is established under Oregon Revised Statutes 537.341.

The date of priority is 12/ 7/1990.

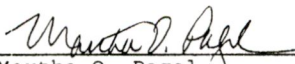
The following conditions apply to the use of water under this certificate:

1. The right is limited to not more than the amounts, in cubic feet per second, during the time periods listed below:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1st½	31.0	31.0	31.0	31.0	20.1	11.8	3.37	4.84	2.51	4.06	16.2	18.0
2nd½	31.0	31.0	31.0	31.0	18.0	11.8	3.37	4.84	2.51	4.06	16.2	31.0

2. The water right holder shall measure and report the in-stream flow along the reach of the stream or river described in the certificate as may be required by the standards for in-stream water right reporting of the Water Resources Commission.
3. For purposes of water distribution, this instream right shall not have priority over human or livestock consumption.
4. The instream flow allocated pursuant to this water right is not in addition to other instream flows created by a prior water right or designated minimum perennial stream flow.
5. The flows are to be measured at the lower end of the stream reach to protect necessary flows throughout the reach.

Witness the signature of the Water Resources Director,
affixed AUGUST 30, 1996.


Martha O. Pagel

Recorded in State Record of Water Right Certificate number 72696.

STATE OF OREGON
COUNTY OF JOSEPHINE
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

STATE OF OREGON
WATER RESOURCES DEPARTMENT
SALEM, OREGON 97310

confirms the right to use the waters of JUMPOFF JOE CREEK, a tributary of the ROGUE RIVER, in the ROGUE RIVER BASIN to maintain an instream flow for the purpose of SUPPORTING AQUATIC LIFE AND MINIMIZING POLLUTION.

The right is for flows to be maintained IN JUMPOFF JOE CREEK FROM LOUSE CREEK (SECTION 21, T 35 S, R 6 W, W.M.) TO ITS MOUTH.

The right is established under Oregon Revised Statutes 537.346.

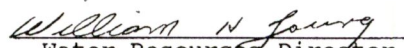
The date of priority is NOVEMBER 3, 1983.

The right is limited to not more than the amounts during the time periods listed below:

<u>Period</u>	<u>Flows (cubic feet per second)</u>
OCT 1 - OCT 15	50
OCT 16- DEC 31	65
JAN 1 - APR 30	60
MAY 1 - MAY 31	40
JUN 1 - JUN 15	30
JUN 16- JUN 30	15
JUL 1 - JUL 31	8
AUG 1 - AUG 31	5
SEP 1 - SEP 15	20
SEP 16- SEP 30	50

This instream water right shall not have priority over appropriations of water for domestic or livestock uses or waters legally stored or released from storage. Domestic use does not include irrigation of lawns and gardens.

Witness the signature of the Water Resources Director affixed this 13th day of March, 1989.


Water Resources Director

Recorded in State Record of Water Right Certificates number 59772.

MF259 15.JUMPOFF JOE.VOL5.DIST14

STATE OF OREGON

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

Oregon Water Resources Department
158 12th Street NE
Salem, Oregon 97310

The specific limits for the use are listed below along with conditions of use.

Source: JUMPOFF JOE CR tributary to ROGUE R

County: JOSEPHINE

Purpose: Providing required stream flows for migration, spawning, egg incubation, fry emergence, and juvenile rearing.

To be maintained in:

JUMPOFF JOE CREEK FROM LOUSE CREEK AT RIVER MILE 4.2 (NENE, SECTION 20, TOWNSHIP 35S, RANGE 6W WM); TO THE MOUTH AT RIVER MILE 0.0 (SENW, SECTION 14, TOWNSHIP 35S, RANGE 7W WM)

The right is established under Oregon Revised Statutes 537.341.

The date of priority is 12/ 7/1990.

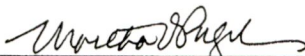
The following conditions apply to the use of water under this certificate:

1. The right is limited to not more than the amounts, in cubic feet per second, during the time periods listed below:

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
100.0	100.0	100.0	100.0	35.3	22.5	9.48	6.72	4.74	7.21	28.5	100.0

2. The water right holder shall measure and report the in-stream flow along the reach of the stream or river described in the certificate as may be required by the standards for in-stream water right reporting of the Water Resources Commission.
3. For purposes of water distribution, this instream right shall not have priority over human or livestock consumption.
4. The instream flow allocated pursuant to this water right is not in addition to other instream flows created by a prior water right or designated minimum perennial stream flow.
5. The flows are to be measured at the lower end of the stream reach to protect necessary flows throughout the reach.

Witness the signature of the Water Resources Director,
affixed OCTOBER 18, 1996.


Martha O. Pagel

Recorded in State Record of Water Right Certificate number 73026.

6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DETAILED REPORT OF INSTREAM REQUIREMENTS
Water Availability as of 4/15/2003 for

JUMPOFF JOE CR > ROGUE R - AT MOUTH

Watershed ID #:

70984

Basin: ROGUE

Exceedance Le

Time: 08:04

Date: 04/

ISWRS

APP #	70984A	0	0	0	0	0	0
Status	Cert.						
1	100.00	0.00	0.00	0.00	0.00	0.00	0.00
2	100.00	0.00	0.00	0.00	0.00	0.00	0.00
3	100.00	0.00	0.00	0.00	0.00	0.00	0.00
4	100.00	0.00	0.00	0.00	0.00	0.00	0.00
5	35.30	0.00	0.00	0.00	0.00	0.00	0.00
6	22.50	0.00	0.00	0.00	0.00	0.00	0.00
7	9.48	0.00	0.00	0.00	0.00	0.00	0.00
8	6.72	0.00	0.00	0.00	0.00	0.00	0.00
9	4.74	0.00	0.00	0.00	0.00	0.00	0.00
10	7.21	0.00	0.00	0.00	0.00	0.00	0.00
11	28.50	0.00	0.00	0.00	0.00	0.00	0.00
12	100.00	0.00	0.00	0.00	0.00	0.00	0.00

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Water Availability as of 4/15/2003 for

JUMPOFF JOE CR > ROGUE R - AB LOUSE CR

Watershed ID #:

71032

Basin: ROGUE

Exceedance Le

Time: 08:04

Date: 04/

Month	Natural	CU + Stor	CU + Stor	Expected	Reserved	Instream	Net
Stream	Prior to	After	Stream	Stream	Stream	Water	Wat
Flow	1/1/93	1/1/93	Flow	Flow	Flow	Rights	Ava
1	34.50	0.31	0.11	34.10	0.00	31.00	31.00
2	60.70	0.31	0.15	60.20	0.00	31.00	31.00
3	54.80	0.31	0.13	54.40	0.00	31.00	31.00
4	28.60	0.89	0.00	27.70	0.00	31.00	31.00
5	13.90	1.28	0.00	12.60	0.00	20.10	20.10
6	6.21	1.69	0.00	4.52	0.00	4.00	4.00
7	3.41	2.18	0.00	1.23	0.00	2.00	2.00
8	2.67	1.84	0.00	0.83	0.00	1.00	1.00
9	1.98	1.29	0.00	0.69	0.00	1.00	1.00
10	2.56	0.59	0.00	1.97	0.00	4.06	4.06
11	6.38	0.28	0.00	6.11	0.00	16.20	16.20
12	18.50	0.30	0.08	18.10	0.00	31.00	31.00
Stor	32600	683	29	31900	0	12200	12200

DETAILED REPORT OF CONSUMPTIVE USES AND STORAGEES

Water Availability as of 4/15/2003 for

JUMPOFF JOE CR > ROGUE R - AB LOUSE CR

Watershed ID #:

71032

Basin: ROGUE

Time: 08:04

Exceedance Le
Date: 04/

Mo Storage	Irrig	Munic	Ind Man	Commer	Domest	Agricul	Other
1	0.15	0.00	0.00	0.19	0.00	0.08	0.00
2	0.20	0.00	0.00	0.19	0.00	0.08	0.00
3	0.17	0.00	0.00	0.19	0.00	0.08	0.00
4	0.00	0.63	0.00	0.19	0.00	0.08	0.00
5	0.00	1.01	0.00	0.19	0.00	0.08	0.00
6	0.00	1.42	0.00	0.19	0.00	0.08	0.00
7	0.00	1.91	0.00	0.19	0.00	0.08	0.00
8	0.00	1.57	0.00	0.19	0.00	0.08	0.00
9	0.00	1.02	0.00	0.19	0.00	0.08	0.00
10	0.00	0.32	0.00	0.19	0.00	0.08	0.00
11	0.01	0.00	0.00	0.19	0.00	0.08	0.00
12	0.11	0.00	0.00	0.19	0.00	0.08	0.00

DETAILED REPORT OF RESERVATIONS FOR CONSUMPTIVE USE

Water Availability as of 4/15/2003 for

JUMPOFF JOE CR > ROGUE R - AB LOUSE CR

Watershed ID #:

71032

Basin: ROGUE

Time: 08:04

Exceedance Le
Date: 04/

APP #	0	0	0	0	0	0	0
Status							
Use							
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DETAILED REPORT OF INSTREAM REQUIREMENTS

Water Availability as of 4/15/2003 for

JUMPOFF JOE CR > ROGUE R - AB LOUSE CR

Watershed ID #:

71032

Basin: ROGUE

Time: 08:04

Exceedance Le
Date: 04/

APP #	71032A	0	0	0	0	0	0
ISWRS							

Status	Cert.								
1	31.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	31.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	31.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	31.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	20.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	4.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	16.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	31.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Paul R. Cleary, Director
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