

ORS 537.409 ALTERNATE RESERVOIR WORKSHEET

FILE #: R-87627

WM DIST: 15

REGION: SWR

WID #: 16 - 71174

PUBLIC NOTICE: 6/15/2010

✓ ☒ Land Use complete ☒ Yes ☐ No ☐ NA

✓ ☒ Appropriate Fees ☒ Yes ☐ No, need: _____
(\$80 base, \$20 per af) OR (\$300 base, \$25 per af, & \$400 recording)

425
400

☒ Secondary app necessary ☐ Yes, App S- _____ ☒ No ✓

☒ Stream withdrawn ☐ Yes ☒ No ✓

☒ SWW ☐ In (may not be allowed) ☒ Out or Above

Mail forms to appropriate Interagency Review Team members. Mailed on June 15, 2010

ODFW Contact: Pete Baki

DEQ Contact: David Waltz

Watermaster: David Williams

If in Umatilla: Confederated Tribes of the Umatilla Indian Reservation, PO Box 638, Pendleton, Oregon 97801

Water available: Nov - Jun

Allowed season: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Measurement Conditions: Small (≤ 9.2 af) | Medium (> 9.2 , but < 100 af) | Large (≥ 100 af or govt. entity, 537.099)
*use staff gage for runoff

Other Conditions: use fishway if ODFW doesn't request screen/by-pass condition _____

wm: ☒

ade: ☒

Assign permit number R- 14870

Remarks: _____

Completed by Jeana Eastman on 6/14/2010 Peer review: michele w. schule

7/22/10

Point of Diversion Characteristics

Right:	App:R 87627 *
Name:	BLAIR VIRL NASH

TRSQQ: 26.00S-04.00W-26-SWNW Digital Map of TRSQQ

County: Douglas

Basin: Umpqua

WM District: 15

WM Region: SW

Withdrawn Area:

WAB: N UMPQUA R > UMPQUA R - AT MOUTH (71174)

Priority WAB:

Rule 4D: Rules apply - per DFW - no fish
presence 😊

Groundwater Restricted Area:

Scenic Water Way:

Division 33: STATEWIDE

Water Quality Limited:

Water Availability Analysis

N UMPQUA R > UMPQUA R - AT MOUTH
UMPQUA BASIN

Water Availability as of 6/14/2010

Watershed ID #: 71174
Date: 6/14/2010

Exceedance Level: 50%
Time: 12:08 PM

Water Availability

Select any Watershed for Details

Nesting Order	Watershed ID #	Stream Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sto
1	368	UMPQUA R> PACIFIC OCEAN- AT MOUTH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	73350	UMPQUA R> PACIFIC OCEAN- AB LITTLE MILL CR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
3	31630301	UMPQUA R> PACIFIC OCEAN- AB WOLF CR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
4	71174	N UMPQUA R> UMPQUA R- AT MOUTH	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes

Limiting Watersheds

Monthly Streamflows in Cubic Feet per Second
Storage at 50% Exceedance in Acre-Feet

Month	Limiting Watershed ID #	Stream Name	Water Available?	Net Water Available
JAN	71174	N UMPQUA R > UMPQUA R - AT MOUTH	Yes	3,240.00
FEB	71174	N UMPQUA R > UMPQUA R - AT MOUTH	Yes	3,450.00
MAR	71174	N UMPQUA R > UMPQUA R - AT MOUTH	Yes	3,190.00
APR	71174	N UMPQUA R > UMPQUA R - AT MOUTH	Yes	3,060.00
MAY	71174	N UMPQUA R > UMPQUA R - AT MOUTH	Yes	2,180.00
JUN	71174	N UMPQUA R > UMPQUA R - AT MOUTH	Yes	737.00
JUL	71174	N UMPQUA R > UMPQUA R - AT MOUTH	No	-68.10
AUG	71174	N UMPQUA R > UMPQUA R - AT MOUTH	No	-64.60
SEP	71174	N UMPQUA R > UMPQUA R - AT MOUTH	No	-59.60
OCT	31630301	UMPQUA R > PACIFIC OCEAN - AB WOLF CR	No	-109.00
NOV	71174	N UMPQUA R > UMPQUA R - AT MOUTH	Yes	935.00
DEC	71174	N UMPQUA R > UMPQUA R - AT MOUTH	Yes	3,300.00
STO	71174	N UMPQUA R > UMPQUA R - AT MOUTH	Yes	1,210,000.00

Detailed Reports for Watershed ID #368

UMPQUA R > PACIFIC OCEAN - AT MOUTH
UMPQUA BASIN

Water Availability as of 6/14/2010

Watershed ID #: 368
Date: 6/14/2010

Exceedance Level: 50%
Time: 12:08 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second
Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	14,400.00	250.00	14,100.00	0.00	1,000.00	13,100.00
FEB	15,000.00	258.00	14,700.00	0.00	1,000.00	13,700.00
MAR	13,500.00	77.10	13,400.00	0.00	1,000.00	12,400.00
APR	10,400.00	81.20	10,300.00	0.00	1,000.00	9,310.00
MAY	8,990.00	119.00	8,870.00	0.00	1,000.00	5,870.00
JUN	3,590.00	198.00	3,390.00	0.00	1,000.00	2,390.00
JUL	1,860.00	232.00	1,630.00	0.00	750.00	878.00
AUG	1,340.00	207.00	1,130.00	0.00	750.00	383.00
SEP	1,290.00	173.00	1,120.00	0.00	750.00	367.00
OCT	1,690.00	73.60	1,620.00	0.00	1,000.00	616.00
NOV	5,110.00	131.00	4,980.00	0.00	1,000.00	3,980.00
DEC	13,900.00	244.00	13,700.00	0.00	1,000.00	12,700.00
STO	5,350,000.00	124,000.00	5,230,000.00	0.00	679,000.00	4,550,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	181.00	0.00	14.70	7.33	0.02	4.87	2.13	40.00	250.00
FEB	189.00	0.00	14.70	7.40	0.02	4.87	2.13	40.00	258.00
MAR	5.80	2.17	14.70	7.33	0.02	4.88	2.13	40.00	77.10
APR	3.43	19.00	14.40	7.33	0.02	4.87	2.13	40.00	91.20
MAY	1.44	49.80	14.40	6.94	0.02	4.83	2.04	40.00	119.00
JUN	0.61	82.30	61.20	6.87	0.02	4.79	2.04	40.00	198.00
JUL	0.07	117.00	61.20	6.66	0.02	4.75	1.83	40.00	232.00
AUG	0.02	92.70	61.20	6.57	0.02	4.74	1.78	40.00	207.00
SEP	0.02	58.60	61.20	6.57	0.02	4.75	2.00	40.00	173.00
OCT	0.01	5.86	14.40	6.57	0.02	4.77	2.00	40.00	73.60
NOV	62.80	0.01	14.40	6.66	0.02	4.77	2.03	40.00	131.00
DEC	175.00	0.00	14.40	6.96	0.02	4.85	2.13	40.00	244.00

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF368A	CERTIFICATE	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	750.00	750.00	750.00	1,000.00	1,000.00	1,000.00
Maximum		1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	750.00	750.00	750.00	1,000.00	1,000.00	1,000.00

Detailed Reports for Watershed ID #73350

UMPQUA R > PACIFIC OCEAN - AB LITTLE MILL CR
UMPQUA BASIN

Water Availability as of 6/14/2010

Watershed ID #: 73350
Date: 6/14/2010

Exceedance Level: 50%
Time: 12:08 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second
Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	11,400.00	246.00	11,200.00	0.00	1,700.00	9,450.00
FEB	12,000.00	257.00	11,700.00	0.00	1,700.00	10,000.00
MAR	11,300.00	75.60	11,200.00	0.00	1,700.00	9,520.00
APR	9,080.00	89.70	8,990.00	0.00	1,700.00	7,290.00
MAY	6,250.00	118.00	6,130.00	0.00	1,700.00	4,430.00
JUN	3,270.00	105.00	3,080.00	0.00	1,700.00	1,380.00
JUL	1,720.00	228.00	1,490.00	0.00	1,000.00	490.00
AUG	1,260.00	204.00	1,060.00	0.00	1,000.00	56.00
SEP	1,230.00	171.00	1,060.00	0.00	1,000.00	59.00
OCT	1,560.00	72.40	1,490.00	0.00	1,560.00	-72.40
NOV	4,060.00	129.00	3,930.00	0.00	1,700.00	2,230.00
DEC	11,400.00	245.00	11,200.00	0.00	1,700.00	9,450.00
STC	4,480,000.00	122,000.00	4,360,000.00	6.00	1,100,000.00	3,270,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	178.00	0.00	14.70	7.21	0.02	3.98	1.92	40.00	246.00
FEB	189.00	0.00	14.70	7.28	0.02	3.98	1.92	40.00	257.00
MAR	5.54	2.17	14.70	7.21	0.02	3.99	1.92	40.00	75.60
APR	3.23	18.90	14.40	7.21	0.02	3.98	1.92	40.00	89.70
MAY	1.32	49.20	14.40	6.82	0.02	3.94	1.92	40.00	118.00
JUN	0.57	80.40	61.20	6.75	0.02	3.90	1.92	40.00	195.00
JUL	0.05	115.00	61.20	6.54	0.02	3.87	1.72	40.00	228.00
AUG	0.01	90.30	61.20	6.45	0.02	3.86	1.67	40.00	204.00
SEP	0.01	57.60	61.20	6.45	0.02	3.86	1.88	40.00	171.00
OCT	0.00	5.76	14.40	6.45	0.02	3.88	1.88	40.00	72.40
NOV	62.20	0.01	14.40	6.54	0.02	3.85	1.91	40.00	129.00
DEC	178.00	0.00	14.40	6.84	0.02	3.95	1.92	40.00	245.00

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF367A	CERTIFICATE	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00
MF368B	CERTIFICATE	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	750.00	750.00	750.00	1,000.00	1,000.00	1,000.00
IS73350A	CERTIFICATE	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00	1,000.00	1,000.00	1,000.00	1,560.00	1,700.00	1,700.00
Maximum		1,700.00	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00	1,000.00	1,000.00	1,000.00	1,560.00	1,700.00	1,700.00

Detailed Reports for Watershed ID #31630301

UMPQUA R > PACIFIC OCEAN - AB WOLF CR
UMPQUA BASIN

Water Availability as of 6/14/2010

Watershed ID #: 31630301
Date: 6/14/2010

Exceedance Level: 50%
Time: 12:08 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second
Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	9,950.00	203.00	9,740.00	0.00	1,700.00	8,040.00
FEB	10,400.00	211.00	10,200.00	0.00	1,700.00	8,490.00
MAR	10,000.00	31.00	9,970.00	0.00	1,700.00	8,270.00
APR	8,280.00	44.40	8,240.00	0.00	1,700.00	6,540.00
MAY	5,810.00	66.80	5,740.00	0.00	1,700.00	4,040.00
JUN	3,070.00	135.00	2,930.00	0.00	1,700.00	1,230.00
JUL	1,640.00	163.00	1,480.00	0.00	1,000.00	477.00
AUG	1,200.00	143.00	1,060.00	0.00	1,000.00	57.20
SEP	1,170.00	115.00	1,050.00	0.00	1,000.00	54.70
OCT	1,480.00	29.30	1,450.00	0.00	1,560.00	-109.00
NOV	3,690.00	89.00	3,600.00	0.00	1,700.00	1,900.00
DEC	9,910.00	202.00	9,710.00	0.00	1,700.00	8,010.00
STO	4,010,600.00	86,300.00	3,920,000.00	0.00	1,100,000.00	2,830,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	178.00	0.00	13.70	6.95	0.02	3.70	1.42	0.05	203.00
FEB	185.00	0.00	13.70	7.02	0.02	3.70	1.42	0.05	211.00
MAR	5.31	1.78	13.70	6.95	0.02	3.71	1.42	0.05	33.00
APR	3.13	15.70	13.40	6.95	0.02	3.70	1.42	0.05	44.40
MAY	1.28	10.50	13.30	6.56	0.02	3.67	1.40	0.05	66.80
JUN	0.55	161.10	56.90	6.49	0.02	3.64	1.40	0.05	135.00
JUL	0.05	94.70	56.90	6.28	0.02	3.60	1.39	0.00	163.00
AUG	0.01	74.70	56.90	6.19	0.02	3.59	1.38	0.00	143.00
SEP	0.01	47.10	56.90	6.19	0.02	3.60	1.41	0.00	115.00
OCT	0.00	4.71	11.30	6.19	0.02	3.61	1.41	0.00	29.30
NOV	64.30	0.00	13.30	6.28	0.02	3.61	1.41	0.00	89.00
DEC	177.00	0.00	13.30	6.58	0.02	3.68	1.42	0.05	202.00

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF368C	CERTIFICATE	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	750.00	750.00	750.00	1,000.00	1,000.00	1,000.00
IS73350B	CERTIFICATE	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00	1,000.00	1,000.00	1,000.00	1,560.00	1,700.00	1,700.00
Maximum		1,700.00	1,700.00	1,700.00	1,700.00	1,700.00	1,700.00	1,000.00	1,000.00	1,000.00	1,560.00	1,700.00	1,700.00

Detailed Reports for Watershed ID #71174

N UMPQUA R > UMPQUA R - AT MOUTH
UMPQUA BASIN

Water Availability as of 6/14/2010

Watershed ID #: 71174
Date: 6/14/2010

Exceedance Level: 50%
Time: 12:08 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second
Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	4,650.00	60.90	4,590.00	0.00	1,350.00	3,240.00
FEB	4,860.00	61.50	4,800.00	0.00	1,350.00	3,450.00
MAR	4,590.00	50.80	4,540.00	0.00	1,350.00	3,190.00
APR	4,460.00	53.30	4,410.00	0.00	1,350.00	3,060.00
MAY	3,590.00	57.60	3,530.00	0.00	1,350.00	2,180.00
JUN	2,150.00	63.00	2,090.00	0.00	1,350.00	737.00
JUL	1,290.00	68.10	1,220.00	0.00	1,290.00	-68.10
AUG	996.00	64.60	931.00	0.00	996.00	-64.60
SEP	982.00	59.60	922.00	0.00	982.00	-59.60
OCT	1,190.00	51.00	1,140.00	0.00	1,190.00	-51.00
NOV	2,340.00	55.50	2,280.00	0.00	1,350.00	935.00
DEC	4,710.00	61.10	4,650.00	0.00	1,350.00	3,300.00
STO	2,160,000.00	42,700.00	2,110,000.00	0.00	921,000.00	1,210,000.00

Detailed Report of Consumptive Uses and Storage

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
JAN	10.70	0.00	47.40	1.01	0.01	1.51	0.20	0.00	60.90
FEB	11.30	0.00	47.40	1.01	0.01	1.51	0.20	0.00	61.50
MAR	0.31	0.31	47.40	1.01	0.01	1.51	0.20	0.00	60.80
APR	0.42	2.68	47.40	1.01	0.01	1.51	0.20	0.00	63.30
MAY	0.30	7.13	47.40	1.01	0.01	1.50	0.20	0.00	67.69
JUN	0.00	11.70	48.50	1.01	0.01	1.49	0.20	0.00	63.00
JUL	0.00	16.90	48.50	1.01	0.01	1.48	0.16	0.00	68.10
AUG	0.00	13.50	48.50	1.01	0.01	1.48	0.16	0.00	64.60
SEP	0.00	8.38	48.50	1.01	0.01	1.48	0.20	0.00	59.60
OCT	0.00	9.85	47.40	1.01	0.01	1.49	0.20	0.00	51.00
NOV	5.35	0.00	47.40	1.01	0.01	1.49	0.20	0.00	55.50
DEC	10.90	0.00	47.40	1.01	0.01	1.51	0.20	0.00	61.10

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

No reservations were found for this watershed.

Detailed Report of Instream Flow Requirements

Instream Flow Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF333A	CERTIFICATE	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00	525.00
MF334A	CERTIFICATE	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	750.00	800.00	800.00	800.00
157P174A	CERTIFICATE	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,290.00	996.00	982.00	1,190.00	1,350.00	1,350.00
Maximum		1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,350.00	1,290.00	996.00	982.00	1,190.00	1,350.00	1,350.00

Jeana Eastman

From: Jeana Eastman
Sent: Tuesday, August 17, 2010 9:49 AM
To: 'Pete Baki'
Subject: RE: Application: R 87627, Blair Viri Nash - do comment change ODFW's review?

Perfect; thanks.

From: Pete Baki [mailto:pete.a.baki@state.or.us]
Sent: Tuesday, August 17, 2010 9:45 AM
To: Jeana Eastman
Subject: RE: Application: R 87627, Blair Viri Nash - do comment change ODFW's review?

Jeana,

ODFW does not wish to change its comments for this permit. If you have any questions, please feel free to call.

Thanks,

Pete Baki
Umpqua District Habitat Conservation Biologist
4192 North Umpqua Highway
Roseburg, OR 97470
541.440.3353
Fax 541. 673.0372

From: Jeana Eastman [mailto:eastmajm@wrdd.state.or.us]
Sent: Monday, August 16, 2010 1:23 PM
To: BAKI Pete A
Subject: FW: Application: R 87627, Blair Viri Nash - do comment change ODFW's review?

Hi Pete -

On 6/30/10 you completed an Alternate Reservoir Application Review Sheet for this application and indicated the reservoir would not pose a significant detrimental impact to an existing fishery resource and you wrote "No fish presence".

In light of the attached comments, does ODFW's review change in any way?

Thanks for your input,

Jeana Eastman
Water Rights Caseworker
voice 503.986.0859

8/17/2010

Oregon Water Resources Dept
725 Summer St NE, Suite A
Salem, OR 97301-1266
front desk 503.986.0900
fax 503.986.0901
<http://oregon.gov/OWRD>

Messages to and from this e-mail address may be available to the public under Oregon law.

From: Jonnine Skaug
Sent: Friday, August 13, 2010 9:27 AM
To: BAKI Pete A
Cc: Jeana Eastman
Subject: FW: Application: R 87627

Pete,

I am forwarding you comments we received today for the above application.

Thank you,

Jonnine Skaug
Water Rights/Adjudication Division
OR Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301
phone: 503-986-0807
fax: 503-986-0901

From: Dawn Winalski [mailto:dwinalski@gmail.com]
Sent: Friday, August 13, 2010 9:04 AM
To: Jonnine Skaug
Subject: Application: R 87627

Ms. Skaug -

Attached are my comments for Application: R 87627. Please let me know if you have any questions.

Thanks!
Dawn Winalski

--

Dawn Winalski
541-654-3303
<http://dawnwinalski.com>

OREGON

washington

oregon



Water Resources Department

**Permit to Appropriate Surface Water for Storage -
Alternate Reservoir Application**

For impoundments less than 10 feet in height or storing less than 9.2 acre feet of water.

Today's Date: Thursday, May 13, 2010

Base Application Fee for Storage of Surface Water.		\$300.00
Proposed Dam Height in feet.	12	
Proposed Reservoir volume in Acre Feet.	5	\$125.00
Permit Recording Fee. ***		\$400.00
*** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. It is fully refundable if a permit is not issued. If the recording fee is not paid prior to issuance of the Final Order, permit issuance will be delayed.	Recalculate	
Estimated cost of Permit Application		\$825.00

[Return to Fee Calculator Options page](#)[OWRD Fee Schedule](#)

Fee Calculator Version: B20090701

RECEIVED

MAY 28 2010

WATER RESOURCES DEPT
SALEM, OREGON

R-87627