



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem OR 97301-1266
 503-986-0900
 www.oregon.gov/owrd

Application for Instream Water Right Certificate

SECTION 1: ORGANIZATION INFORMATION AND SIGNATURE

Organization Information

NAME OREGON DEPT. OF FISH AND WILDLIFE		PHONE 503-947-6000	FAX 503-947-6202
ADDRESS 4034 FAIRVIEW INDUSTRIAL DR. SE			CELL
CITY SALEM	STATE OR	ZIP 97302-1142	E-MAIL *

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT / BUSINESS NAME ANNA PAKENHAM STEVENSON / OREGON DEPT. OF FISH AND WILDLIFE		PHONE 503-947-6084	FAX 503-947-6202
ADDRESS 4034 FAIRVIEW INDUSTRIAL DR. SE			CELL
CITY SALEM	STATE OR	ZIP 97302-1142	E-MAIL * ANNA.P.STEVENSON@STATE.OR.US

* By providing an e-mail address, consent is given to receive all correspondence from the Department electronically. (Note that paper copies of the Final Order documents will also be mailed.)

Anna Pakenham Stevenson
Water Program Manager

12/1/16

Applicant Signature

Print Name and Title

Date

Applicant Signature

Print Name and Title

Date

SECTION 2: NOTIFICATION TO DEQ, ODFW, AND PARKS

Please indicate the date you notified other state agencies of your intent to file an instream water right application.

Oregon Department of Environmental Quality was notified on: October 17 2016

Oregon Department of Fish and Wildlife was notified on: N/A

Oregon Parks and Recreation Department was notified on: October 17 2016

SECTION 3: NOTIFICATION TO AFFECTED LOCAL GOVERNMENTS

Please provide copies of letters of your intent to file an instream water right application to each affected local government within whose jurisdiction the instream use is proposed. Affected local government means any city, county or metropolitan service district formed under ORS Chapter 268 or an association of local governments performing land-use planning functions under ORS 197.190.

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SECTION 4: SOURCE AND REACH

Stream or lake name: Fifteenmile Creek Tributary to: Columbia River

If the source is a stream, indicate the reach delineated by river mile (the upstream point to the downstream point) of the proposed instream water right:

In Fifteenmile Creek, tributary to the Columbia River, beginning at the mouth, river mile 0.0 in the SWNW quarter of Section 31, Township 2 N, 14 E W.M. in Wasco County (45.6141, -121.1231) and continuing upstream to Dufur at the Highway 197 crossing, river mile 30.6 in the SWSE quarter of Section 25, Township 1 S, Range 13 E W.M. in Wasco County (45.4504, -121.1198).

If the source is stored water that is authorized under a water right permit, certificate, or decree, attach a copy of the document or list the document number (for decrees, list the volume and page, or decree name). _____

If the source is stored water and you do not, or will not, own the reservoir(s), please enclose a copy of your written agreement with the owner of the reservoir to release flows identified in this application.

SECTION 5: PUBLIC USES AND AMOUNTS

The public uses to be served by the requested instream water right are: For the conservation, maintenance and enhancement of aquatic and fish life, wildlife, and fish and wildlife habitat. Applied flows include water for fish and wildlife migration, spawning, nesting, brooding, egg incubation, larval or juvenile development, juvenile and adult rearing and aquatic life. Flow levels will vary based on life cycle and life stage development needs.

The monthly (or half-monthly) flows in cubic feet-per-second (CFS) or acre-feet (AF) or by lake elevation (LE) necessary to support the public uses are:

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Unit
13	13	20	34	34	34	20	20	13	13	13	13	CFS

If this is a multi-agency request, please indicate the monthly (or half-monthly) flows in cubic feet-per-second (cfs) or acre-feet (af) or by lake elevation (le) that are necessary to support the public uses for each category of public use.

USE	J	F	M	A	M	J	J	A	S	O	N	D	
													<input type="checkbox"/> CFS <input type="checkbox"/> AF <input type="checkbox"/> LE
													<input type="checkbox"/> CFS <input type="checkbox"/> AF <input type="checkbox"/> LE

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SECTION 6: DATA, METHODS, AND COMPLIANCE

Please describe the technical data and methods used to determine the requested amounts.

The Oregon Method (Thompson 1972) was used in the Basin Investigations to develop flow recommendations. The Oregon Method is a habitat based method that determines the degree of habitat at different streamflow rates and life stages. It requires repeated measurements at different flows. The criteria cover fish spawning, adult migration, and rearing habitat. The desired flow levels are determined by examining flow vs. habitat at different flow levels. Methods for assessing flow needs for spawning, rearing and passage were described by Thompson (1972) as follows:

- Spawning and incubation flows were based on transect measurements with species-specific depth, velocity, and substrate criteria. Repeated measurements over a range of flows were used to develop a relationship of total spawning area vs. discharge.
- Rearing flows were based on repeated measurements, over a range of flows, of the following parameters: adequate depth over key riffles, riffle-pool ratio (i.e. sufficient connectivity between pools), average riffle and pool depths and velocities, and availability of instream cover.
- Passage flows were based on repeated depth measurements at transects across the shallowest riffles judged most likely to impede upstream migration of adult salmonids. Passage criteria were based on the percentage of adequate depth along the transects as a function of discharge.

Please provide written documentation of how your agency complied with the requirements contained in your own administrative rules for instream water rights, including application of the required methods to determine requested flows.

ODFW followed all procedures laid out in the agency's 635-400-0015 rules- Determination of Instream Flow Measurement Methodologies. Specifically, the Basin Investigation Report (BIR) flows for this instream flow recommendation were based on 'The Oregon Method', an approved method for determining an instream flow requirement. The BIR identifies fish and wildlife resources of the basin, their distribution, limiting factors, harvest, and water requirements. Stream flow recommendations of the BIR are specifically designed to meet the seasonal biological requirements of the basin's fish. These BIR flow recommendations were used in this instream water right application (see attached BIR: "Hood Valley Supplement" Appendix 2 page 18).

ODFW will also coordinate with OWRD instream water rights monitoring (635-400-0025). Specifically, ODFW will coordinate with OWRD to develop monitoring plans for instream water rights and to revise the existing Memorandum of Understanding between the Department and WRD to include issues related to instream water rights, such as measuring, monitoring and enforcement of instream water rights.

References:

Thompson, K.E., 1972. Determining stream flows for fish life. Pages 31-50 plus appendices in Proceedings of the Instream Flow Requirement Workshop, March 15-16, 1972, Portland, Oregon. Pacific Northwest River Basins Commission.

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SECTION 7: WITHIN A DISTRICT

If the reach is located within an irrigation district or other water district, please provide their contact information.

Irrigation District Name None	Address	
City	State	Zip
Water District Name City of The Dalles	Address 1215 West 1st Street	
City The Dalles	State OR	Zip 97058

SECTION 8: REMARKS

Use this space to clarify any information you have provided in the application. _____

SECTION 9: MAP

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YOU ARE ENCOURAGED TO PROVIDE THIS INFORMATION:

A means and location for measuring the instream water right:

The strategy and responsibility for monitoring flows for the instream right:

Any provisions needed for managing the water right to protect the public uses: None

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

- SECTION 1: _____
- SECTION 2: _____
- SECTION 3: _____
- SECTION 4: _____
- SECTION 5: _____
- SECTION 6: _____
- SECTION 7: _____
- SECTION 8: _____
- SECTION 9: _____
- Other: _____

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Oregon Water Resources Department
Water Availability Analysis

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Water Availability Analysis

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PINE CR > FIFTEENMILE CR - AT MOUTH
 HOOD BASIN

Water Availability as of 12/27/2016

Watershed ID #: 30410542 ([Map](#))

Date: 12/27/2016

Exceedance Level: 50%

Time: 2:28 PM

[Download Data](#)

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	70262	FIFTEENMILE CR> COLUMBIA R- AT MOUTH	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes
2	30410546	FIFTEENMILE CR> COLUMBIA R- AB EIGHTMILE CR	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
3	30410548	FIFTEENMILE CR> COLUMBIA R- AB JAMESON CAN	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
4	30410542	PINE CR> FIFTEENMILE CR- AT MOUTH	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes

Limiting Watersheds

Monthly Streamflow in Cubic Feet per Second
 Annual Volume at 50% Exceedance in Acre-Feet

Month	Limiting Watershed ID #	Stream Name	Water Available?	Net Water Available
JAN	30410542	PINE CR > FIFTEENMILE CR - AT MOUTH	Yes	2.67
FEB	30410542	PINE CR > FIFTEENMILE CR - AT MOUTH	Yes	4.92
MAR	30410542	PINE CR > FIFTEENMILE CR - AT MOUTH	Yes	4.57
APR	30410542	PINE CR > FIFTEENMILE CR - AT MOUTH	Yes	4.53

MAY	30410542	PINE CR > FIFTEENMILE CR - AT MOUTH	Yes	3.69
JUN	30410546	FIFTEENMILE CR > COLUMBIA R - AB EIGHTMILE CR	No	-16.20
JUL	30410546	FIFTEENMILE CR > COLUMBIA R - AB EIGHTMILE CR	No	-8.89
AUG	30410546	FIFTEENMILE CR > COLUMBIA R - AB EIGHTMILE CR	No	-11.80
SEP	30410546	FIFTEENMILE CR > COLUMBIA R - AB EIGHTMILE CR	No	-2.72
OCT	30410542	PINE CR > FIFTEENMILE CR - AT MOUTH	Yes	0.35
NOV	30410542	PINE CR > FIFTEENMILE CR - AT MOUTH	Yes	0.55
DEC	30410542	PINE CR > FIFTEENMILE CR - AT MOUTH	Yes	-0.77
ANN	30410542	PINE CR > FIFTEENMILE CR - AT MOUTH	Yes	1,320.00

Detailed Reports for Watershed ID #70262

FIFTEENMILE CR > COLUMBIA R - AT MOUTH
HOOD BASIN

Water Availability as of 12/27/2016

Watershed ID #: 70262 ([Map](#))

Date: 12/27/2016

Exceedance Level: 50%

Time: 2:28 PM

Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume at 50% Exceedance in Acre-Feet

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Month	Natural Stream Flow	Consumptive Uses and Storages	Expected Stream Flow	Reserved Stream Flow	Instream Flow Requirement	Net Water Available
JAN	105.00	0.84	104.00	29.60	4.00	70.60
FEB	179.00	0.98	178.00	48.20	4.00	126.00
MAR	197.00	1.01	196.00	48.80	13.00	134.00
APR	143.00	19.80	123.00	37.00	20.00	66.20
MAY	110.00	53.10	56.90	6.78	20.00	30.10
JUN	79.70	44.40	35.30	18.00	20.00	-2.73
JUL	21.50	13.60	7.89	0.00	13.00	-5.11
AUG	10.70	7.23	3.47	0.00	13.00	-9.53
SEP	12.10	7.43	4.67	0.00	4.00	0.67
OCT	15.10	0.77	14.30	0.65	4.00	9.69
NOV	25.10	0.78	24.30	6.91	4.00	13.40
DEC	50.90	0.78	50.10	13.50	4.00	32.60
ANN	56,900.00	9,120.00	47,700.00	12,500.00	7,450.00	28,900.00

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	0.08	0.00	0.38	0.05	0.00	0.17	0.16	0.00	0.84
FEB	0.21	0.00	0.38	0.05	0.00	0.17	0.16	0.00	0.98
MAR	0.24	0.00	0.38	0.05	0.00	0.17	0.16	0.00	1.01
APR	0.08	19.00	0.38	0.05	0.00	0.17	0.16	0.00	19.80
MAY	0.06	52.20	0.38	0.05	0.00	0.17	0.16	0.00	53.10
JUN	0.02	43.20	0.77	0.05	0.00	0.17	0.16	0.00	44.40
JUL	0.01	12.40	0.77	0.05	0.00	0.17	0.16	0.00	13.60
AUG	0.00	6.08	0.77	0.05	0.00	0.17	0.16	0.00	7.23
SEP	0.00	6.28	0.77	0.05	0.00	0.17	0.16	0.00	7.43
OCT	0.00	0.00	0.38	0.05	0.00	0.17	0.16	0.00	0.77
NOV	0.01	0.00	0.38	0.05	0.00	0.17	0.16	0.00	0.78
DEC	0.02	0.00	0.38	0.05	0.00	0.17	0.16	0.00	0.78

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Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

Application #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RN80405A	5.38	17.70	25.50	12.60	0.00	0.00	0.00	0.00	0.00	0.00	2.85	3.07
RN80406A	19.30	21.50	14.90	16.00	0.00	0.00	0.00	0.00	0.00	0.00	3.06	9.02
RN80407A	4.92	9.05	8.40	8.34	6.78	18.00	0.00	0.00	0.00	0.65	1.01	1.42
Total	29.60	48.25	48.80	36.94	6.78	18.00	0.00	0.00	0.00	0.65	6.92	13.51

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
MF190A	CERTIFICATE	4.00	4.00	13.00	20.00	20.00	20.00	13.00	13.00	4.00	4.00	4.00	4.00
IS70262A	CERTIFICATE	4.00	4.00	13.00	20.00	20.00	20.00	13.00	12.90	4.00	4.00	4.00	4.00
Maximum		4.00	4.00	13.00	20.00	20.00	20.00	13.00	13.00	4.00	4.00	4.00	4.00

Detailed Reports for Watershed ID #30410546

FIFTEENMILE CR > COLUMBIA R - AB EIGHTMILE CR
HOOD BASIN

Water Availability as of 12/27/2016

Watershed ID #: 30410546 ([Map](#))

Date: 12/27/2016

Exceedance Level: 50%

Time: 2:28 PM

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Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume 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	65.70	0.57	65.10	24.20	4.00	36.90

FEB	102.00	0.60	101.00	30.50	4.00	66.90
MAR	97.50	0.58	96.90	23.30	13.00	60.60
APR	66.90	12.40	54.50	24.40	20.00	10.10
MAY	65.60	33.30	32.30	6.78	20.00	5.56
JUN	49.80	28.00	21.80	18.00	20.00	-16.20
JUL	12.80	8.69	4.11	0.00	13.00	-8.89
AUG	5.92	4.71	1.21	0.00	13.00	-11.80
SEP	6.11	4.83	1.28	0.00	4.00	-2.72
OCT	7.91	0.52	7.39	0.65	4.00	2.74
NOV	11.30	0.52	10.80	4.07	4.00	2.71
DEC	24.70	0.53	24.20	10.40	4.00	9.73
ANN	30,900.00	5,760.00	25,200.00	8,500.00	7,450.00	11,600.00

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	0.05	0.00	0.38	0.00	0.00	0.05	0.09	0.00	0.57
FEB	0.08	0.00	0.38	0.00	0.00	0.05	0.09	0.00	0.60
MAR	0.06	0.00	0.38	0.00	0.00	0.05	0.09	0.00	0.58
APR	0.04	11.90	0.38	0.00	0.00	0.05	0.09	0.00	12.40
MAY	0.03	32.70	0.38	0.00	0.00	0.05	0.09	0.00	33.30
JUN	0.00	27.10	0.77	0.00	0.00	0.05	0.09	0.00	28.00
JUL	0.00	7.79	0.77	0.00	0.00	0.05	0.09	0.00	8.69
AUG	0.00	3.81	0.77	0.00	0.00	0.05	0.09	0.00	4.71
SEP	0.00	3.93	0.77	0.00	0.00	0.05	0.09	0.00	4.83
OCT	0.00	0.00	0.38	0.00	0.00	0.05	0.09	0.00	0.52
NOV	0.00	0.00	0.38	0.00	0.00	0.05	0.09	0.00	0.52
DEC	0.01	0.00	0.38	0.00	0.00	0.05	0.09	0.00	0.53

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

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Application #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RN80406A	19.30	21.50	14.90	16.00	0.00	0.00	0.00	0.00	0.00	0.00	3.06	9.02
RN80407A	4.92	9.05	8.40	8.34	6.78	18.00	0.00	0.00	0.00	0.65	1.01	1.42
Total	24.22	30.55	23.30	24.34	6.78	18.00	0.00	0.00	0.00	0.65	4.07	10.44

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
MF190B	CERTIFICATE	4.00	4.00	13.00	20.00	20.00	20.00	13.00	13.00	4.00	4.00	4.00	4.00
IS70262B	CERTIFICATE	4.00	4.00	13.00	20.00	20.00	20.00	13.00	12.90	4.00	4.00	4.00	4.00
Maximum		4.00	4.00	13.00	20.00	20.00	20.00	13.00	13.00	4.00	4.00	4.00	4.00

Detailed Reports for Watershed ID #30410548

FIFTEENMILE CR > COLUMBIA R - AB JAMESON CAN
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Water Availability as of 12/27/2016

Watershed ID #: 30410548 [\(Map\)](#)
Date: 12/27/2016

Exceedance Level: 50%
Time: 2:28 PM

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Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume 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	62.10	0.52	61.60	24.20	4.00	33.40
FEB	91.60	0.56	91.00	30.50	4.00	56.50
MAR	78.00	0.54	77.50	23.30	13.00	41.10
APR	64.00	9.93	54.10	24.40	20.00	9.71
MAY	65.00	26.40	38.60	6.78	20.00	11.80

JUN	49.60	22.30	27.30	18.00	20.00	-10.70
JUL	12.80	7.03	5.77	0.00	13.00	-7.23
AUG	5.90	3.87	2.03	0.00	13.00	-11.00
SEP	6.10	3.97	2.13	0.00	4.00	-1.87
OCT	7.90	0.48	7.42	0.65	4.00	2.77
NOV	11.20	0.48	10.70	4.07	4.00	2.65
DEC	23.10	0.49	22.60	10.40	4.00	8.17
ANN	28,600.00	4,630.00	24,000.00	8,500.00	7,450.00	9,880.00

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	0.04	0.00	0.38	0.00	0.00	0.04	0.06	0.00	0.52
FEB	0.08	0.00	0.38	0.00	0.00	0.04	0.06	0.00	0.56
MAR	0.06	0.00	0.38	0.00	0.00	0.04	0.06	0.00	0.54
APR	0.04	9.41	0.38	0.00	0.00	0.04	0.06	0.00	9.93
MAY	0.03	25.90	0.38	0.00	0.00	0.04	0.06	0.00	26.40
JUN	0.00	21.40	0.77	0.00	0.00	0.04	0.06	0.00	22.30
JUL	0.00	6.17	0.77	0.00	0.00	0.04	0.06	0.00	7.03
AUG	0.00	3.01	0.77	0.00	0.00	0.04	0.06	0.00	3.87
SEP	0.00	3.11	0.77	0.00	0.00	0.04	0.06	0.00	3.97
OCT	0.00	0.00	0.38	0.00	0.00	0.04	0.06	0.00	0.48
NOV	0.00	0.00	0.38	0.00	0.00	0.04	0.06	0.00	0.48
DEC	0.01	0.00	0.38	0.00	0.00	0.04	0.06	0.00	0.49

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Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

Application #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RN80406A	19.30	21.50	14.90	16.00	0.00	0.00	0.00	0.00	0.00	0.00	3.06	9.02
RN80407A	4.92	9.05	8.40	8.34	6.78	18.00	0.00	0.00	0.00	0.65	1.01	1.42

Total	24.22	30.55	23.30	24.34	6.78	18.00	0.00	0.00	0.00	0.65	4.07	10.44
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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
MF190C	CERTIFICATE	4.00	4.00	13.00	20.00	20.00	20.00	13.00	13.00	4.00	4.00	4.00	4.00
IS70262C	CERTIFICATE	4.00	4.00	13.00	20.00	20.00	20.00	13.00	12.90	4.00	4.00	4.00	4.00
Maximum		4.00	4.00	13.00	20.00	20.00	20.00	13.00	13.00	4.00	4.00	4.00	4.00

Detailed Reports for Watershed ID #30410542

PINE CR > FIFTEENMILE CR - AT MOUTH
HOOD BASIN

Water Availability as of 12/27/2016

Watershed ID #: 30410542 ([Map](#))
Date: 12/27/2016

Exceedance Level: 50%
Time: 2:28 PM

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Water Availability Calculation

Monthly Streamflow in Cubic Feet per Second
Annual Volume 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	7.61	0.02	7.59	4.92	0.00	2.67
FEB	14.00	0.03	14.00	9.05	0.00	4.92
MAR	13.00	0.03	13.00	8.40	0.00	4.57
APR	12.90	0.03	12.90	8.34	0.00	4.53
MAY	10.50	0.03	10.50	6.78	0.00	3.69
JUN	6.25	0.00	6.25	18.00	0.00	-11.80
JUL	1.16	0.00	1.16	0.00	0.00	1.16
AUG	0.31	0.00	0.31	0.00	0.00	0.31

SEP	0.31	0.00	0.31	0.00	0.00	0.31
OCT	1.00	0.00	1.00	0.65	0.00	0.35
NOV	1.56	0.00	1.56	1.01	0.00	0.55
DEC	2.20	0.01	2.19	1.42	0.00	0.77
ANN	4,240.00	9.20	4,230.00	3,500.00	0.00	1,430.00

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	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
FEB	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
MAR	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
APR	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
MAY	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
JUN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JUL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DEC	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

Detailed Report of Reservations for Storage and Consumptive Uses

Reserved Streamflow in Cubic Feet per Second

Application #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RN80407A	4.92	9.05	8.40	8.34	6.78	18.00	0.00	0.00	0.00	0.65	1.01	1.42
Total	4.92	9.05	8.40	8.34	6.78	18.00	0.00	0.00	0.00	0.65	1.01	1.42

Detailed Report of Instream Flow Requirements

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Instream Flow Requirements in Cubic Feet per Second

No instream flow requirements were found for this watershed.

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Oregon Water Resources Department Attribute Report

Report Date: Dec 27, 2016

General:

TRSQQ:	WM1.00S13.00E25NESW WM1.00S13.00E25NWSE WM1.00S13.00E25SESW WM1.00S13.00E25SWSE WM1.00S13.00E36NENW WM1.00S13.00E25NESE WM1.00S13.00E25SESE WM1.00S13.00E36NWNE
DLC:	-
Latitude:	45.4504955639
Longitude:	-121.1199307922
Buffer (ft):	1320
Elevation (ft):	1286
Basin Name:	Hood
Basin Plan:	2-Wasco
County:	Wasco
WM District:	3
WM Region:	NORTH CENTRAL
ODFW Region, District:	High Desert, Mid-Columbia District
Irrigation District AOI:	-
Irrigation District, Other:	-
Dams (Permit):	-

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Water Rights:	<u>Platcard for WM1.00S13.00E25</u> <u>Platcard for WM1.00S13.00E25</u> <u>Platcard for WM1.00S13.00E25</u> <u>Platcard for WM1.00S13.00E25</u> <u>Platcard for WM1.00S13.00E36</u> <u>Platcard for WM1.00S13.00E25</u> <u>Platcard for WM1.00S13.00E25</u> <u>Platcard for WM1.00S13.00E36</u>
Well Logs:	<u>Logs for WM1.00S13.00E25</u> <u>Logs for WM1.00S13.00E25</u> <u>Logs for WM1.00S13.00E25</u> <u>Logs for WM1.00S13.00E25</u> <u>Logs for WM1.00S13.00E36</u> <u>Logs for WM1.00S13.00E25</u> <u>Logs for WM1.00S13.00E25</u> <u>Logs for WM1.00S13.00E36</u>
Rules:	
Withdrawn Authority:	-
Groundwater Retriected:	-
GW Retriected Subunit:	-
GW ODEQ Management Area:	-
GW Umatilla Muni Wells (5mile):	-
Rule 4D:	Rules apply
Division 33 (Area, Watershed, species):	UPPER COLUMBIA, Fifteenmile Creek, Coastal Cutthroat Trout, Chinook Salmon, Steelhead, Redband Trout
Water Quality Limited Pollutant:	Fifteenmile Creek R. Mile: 0 to 32.2 HUC4: 17070105 Pollutant: Sedimentation Season: NaN

Uses: Salmonid fish spawning; Salmonid fish rearing; Resident fish and aquatic life
 Status: 303(d)
 Action: No 2010 action

Pine Creek

R. Mile: 0 to 13.3
 HUC4: 17070105
 Pollutant: Flow Modification
 Season: NaN
 Uses: Salmonid fish spawning; Resident fish and aquatic life; Salmonid fish rearing
 Status: Water quality limited not needing a TMDL
 Action: No 2010 action

Fifteenmile Creek

R. Mile: 23.8 to 53.3
 HUC4: 17070105
 Pollutant: Temperature
 Season: NaN
 Uses: Core cold water habitat
 Status: Cat 4A: Water quality limited, TMDL approved
 Action: Delisted - TMDL approved

Fifteenmile Creek

R. Mile: 26.3 to 29.5
 HUC4: 17070105
 Pollutant: Temperature
 Season: NaN
 Uses: Salmon and steelhead spawning
 Status: Cat 4A: Water quality limited, TMDL approved
 Action: Delisted - TMDL approved

Fifteenmile Creek

R. Mile: 0 to 32.2
 HUC4: 17070105
 Pollutant: Flow Modification

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Season: NaN
 Uses: Salmonid fish rearing; Resident fish and aquatic life;
 Salmonid fish spawning
 Status: Water quality limited not needing a TMDL
 Action: No 2010 action

Fifteenmile Creek
 R. Mile: 29.5 to 31.2
 HUC4: 17070105
 Pollutant: Temperature
 Season: NaN
 Uses: Salmon and steelhead spawning
 Status: Cat 4A: Water quality limited, TMDL approved
 Action: Delisted - TMDL approved

Fifteenmile Creek
 R. Mile: 0 to 32.2
 HUC4: 17070105
 Pollutant: Habitat Modification
 Season: NaN
 Uses: Salmonid fish spawning; Salmonid fish rearing; Resident
 fish and aquatic life
 Status: Water quality limited not needing a TMDL
 Action: No 2010 action

Is in Deschutes Study Area: -

Deschutes Zone Impact: -

Deschutes Zone Overlay: -

Scenic Water Way: -

Hydrography:

OWRD Streamcode: 0400101940 - Fifteenmile Cr

04001019400230 - Pine Cr

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Sources:

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<i>Oregon Public Land Survey Quarter-quarters.</i> Bureau of Land Management, Oregon Water Resources Department.. n.d. 1:24,000.	
<i>Donated Land Claims.</i> Oregon Water Resources Department. January 1, 1995. 1:100,000.	
<i>Elevation.</i> ESRI World Elevation. February 2000. 1:121,000.	
<i>OWRD Administrative Basins.</i> Oregon Water Resources Department. January 1, 1995.	
<i>Oregon Counties.</i> Bureau of Land Management (BLM), Oregon State Office.. January 1, 2008.	
<i>OWRD Watermaster Districts.</i> Oregon Water Resources Department. March 31, 2014.	
<i>OWRD Regions.</i> Oregon Water Resources Department. January 1, 1995.	
<i>ODFW Districts and Regions.</i> Oregon Department of Fish and Wildlife. August 28, 2012.	
<i>Water Organizations</i> Oregon Water Resources Department. April 1, 2013. 1:24,000.	
<i>Large Dams Inventory.</i> Oregon Water Resources Department. August 12, 2014. 1:24,000.	
<i>Rules</i>	
<i>Withdrawn Authority Areas.</i> Oregon Water Resources Commission. January 1, 2007.	
<i>OWRD Groundwater Restricted Areas.</i> Oregon Water Resources Department. October 5, 2016.	
<i>OWRD Groundwater Restricted Areas - Subunits.</i> Oregon Water Resources Department. April 1, 2009.	
<i>ODEQ Groundwater Management Areas (GWMAs).</i> Oregon Department of Environmental Quality. April 21, 2008.	
<i>Groundwater Umatilla Municipal Wells 5-mile buffer.</i> Oregon Water Resources Department. June 28, 2012.	RECEIVED
<i>National Marine Fisheries Service (NMFS) 4(d) Rule.</i> National Marine Fisheries Service. January 1, 2007.	DEC 01 2016
<i>OAR Chapter 690, Division 33 - HUC 10 .</i> Oregon Department of Fish & Wildlife. January 1, 2003.	OWRD

Oregon Water Quality Assessment 2010. This data set was assembled by the Oregon Department of Environmental Quality, Water Quality Division, Standards and Assessments Section. GIS data prepared by the Watershed Management Section, Drinking Water Program.. August 16, 2013.

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Deschutes Zones Overlay. Oregon Water Resources Department. October 25, 2007.

Oregon State Scenic Waterway areas. Oregon Water Resources Department, Oregon Parks and Recreation Department.. January 1, 2007.

Hydrography

Routed OWRD Streamcodes (conflated to the NHD). Oregon Water Resources Dept.. August 11, 2014.

. Unknown. n.d.

Watershed Boundary Dataset (WBD), 10-digit (watershed). Pacific Northwest Hydrography Framework, U.S. Geological Survey (USGS), National Resources Conservation Service (NRCS).. June 11, 2014. 1:24,000.

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Stream Gage Stations. Oregon Water Resources Department and US Geological Survey. n.d.

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