

ORS 537.409 ALTERNATE RESERVOIR WORKSHEET

FILE #: R-87604
WM DIST: 2
REGION: WR
WID #: 2 - 106
PUBLIC NOTICE: 5/25/2010

Land Use complete Yes No NA

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

300
225 (a+25)
525 exam ✓
* no recording

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Stream withdrawn Yes No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: Karen Hans
DEQ Contact: Nancy Gramlich
Watermaster: Michael Mattick

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

Water available: Nov - Jul

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 fishmay if ODFW doesn't request screen/by-pass condition _____

Assign permit number R- _____

Remarks: _____

Completed by Jeana Eastman on 6/14/2010. Peer review: _____

Point of Diversion Characteristics

Right:	App:R 87604 *
Name:	DARREL PETERSON

TRSQQ: 12.00S-01.00W-15-NWSW Digital Map of TRSQQ

County: Linn

Basin: Willamette

WMDistrict: 2

WMRegion: NW

Withdrawn Area:

WAB: HAMILTON CR > S SANTIAM R - AT MOUTH (106)

Priority WAB: HAMILTON CR @ mouth (106)

Rule 4D: Rules apply

Groundwater Restricted Area:

Scenic Water Way:

Division 33: LOWER COLUMBIA

Water Quality Limited:

Water Availability Analysis

HAMILTON CR > S SANTIAM R - AT MOUTH
WILLAMETTE BASIN
Water Availability as of 6/14/2010

Watershed ID #: 106
Date: 6/14/2010

Exceedance Level: 50%
Time: 9:19 AM

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	181	WILLAMETTE R> COLUMBIA R- AT MOUTH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	182	WILLAMETTE R> COLUMBIA R- AB MOLALLA R	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3	183	WILLAMETTE R> COLUMBIA R- AB MILL CR AT GAGE 14191000	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4	167	SANTIAM R> WILLAMETTE R- AT MOUTH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
5	168	SANTIAM R> WILLAMETTE R- AB MORGAN CR	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
6	30200601	S SANTIAM R> SANTIAM R- AT MOUTH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
7	106	HAMILTON CR> S SANTIAM R- AT MOUTH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	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	106	HAMILTON CR > S SANTIAM R - AT MOUTH	Yes	144.00
FEB	106	HAMILTON CR > S SANTIAM R - AT MOUTH	Yes	146.00
MAR	106	HAMILTON CR > S SANTIAM R - AT MOUTH	Yes	105.00
APR	106	HAMILTON CR > S SANTIAM R - AT MOUTH	Yes	56.70
MAY	106	HAMILTON CR > S SANTIAM R - AT MOUTH	Yes	9.64
JUN	106	HAMILTON CR > S SANTIAM R - AT MOUTH	Yes	12.50
JUL	106	HAMILTON CR > S SANTIAM R - AT MOUTH	Yes	4.21
AUG	167	SANTIAM R > WILLAMETTE R - AT MOUTH	No	-133.00
SEP	168	SANTIAM R > WILLAMETTE R - AB MORGAN CR	No	-5.20
OCT	106	HAMILTON CR > S SANTIAM R - AT MOUTH	No	-6.97
NOV	106	HAMILTON CR > S SANTIAM R - AT MOUTH	Yes	27.30
DEC	106	HAMILTON CR > S SANTIAM R - AT MOUTH	Yes	135.00
STO	106	HAMILTON CR > S SANTIAM R - AT MOUTH	Yes	38,300.00

Detailed Reports for Watershed ID #181

WILLAMETTE R > COLUMBIA R - AT MOUTH
WILLAMETTE BASIN
Water Availability as of 6/14/2010

Watershed ID #: 181
Date: 6/14/2010

Exceedance Level: 50%
Time: 9:19 AM

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	51,100.00	2,720.00	48,400.00	0.00	1,500.00	46,900.00
FEB	49,100.00	8,000.00	41,100.00	0.00	1,500.00	39,600.00
MAR	42,400.00	7,570.00	34,800.00	0.00	1,500.00	33,300.00
APR	36,400.00	7,200.00	29,200.00	0.00	1,500.00	27,700.00
MAY	28,300.00	4,460.00	23,800.00	0.00	1,500.00	22,300.00
JUN	15,800.00	2,610.00	13,200.00	0.00	1,500.00	11,700.00
JUL	7,980.00	2,550.00	5,430.00	0.00	1,500.00	3,930.00
AUG	5,530.00	2,320.00	3,210.00	0.00	1,500.00	1,710.00
SEP	5,740.00	1,950.00	3,790.00	0.00	1,500.00	2,290.00
OCT	8,390.00	746.00	7,640.00	0.00	1,500.00	6,140.00
NOV	24,400.00	1,030.00	23,400.00	0.00	1,500.00	21,900.00
DEC	52,800.00	1,380.00	51,400.00	0.00	1,500.00	49,900.00
STO	19,700,000.00	2,550,000.00	17,200,000.00	0.00	1,090,000.00	16,100,000.00

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	1,930.00	0.00	485.00	99.60	9.49	23.80	131.00	43.70	2,720.00
FEB	7,200.00	0.00	485.00	99.60	9.49	23.80	131.00	43.70	8,000.00
MAR	6,770.00	6.41	485.00	99.60	9.48	23.80	131.00	46.80	7,570.00
APR	6,370.00	42.50	485.00	99.60	9.48	23.80	125.00	46.80	7,200.00
MAY	3,430.00	293.00	481.00	99.60	9.33	23.80	93.70	26.20	4,460.00
JUN	442.00	586.00	1,340.00	99.60	9.18	23.80	82.90	24.90	2,610.00
JUL	14.00	993.00	1,340.00	94.30	9.17	23.80	54.30	24.60	2,550.00
AUG	2.03	780.00	1,340.00	94.30	9.17	22.40	52.60	24.50	2,320.00
SEP	0.75	385.00	1,340.00	99.50	9.17	22.40	68.10	24.80	1,950.00
OCT	0.54	27.70	476.00	99.60	9.17	22.40	71.20	38.60	746.00
NOV	282.00	0.00	485.00	99.60	9.47	23.80	110.00	42.10	1,030.00
DEC	584.00	0.00	485.00	99.60	9.49	23.80	132.00	43.70	1,380.00

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
MF181A	APPLICATION	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
Maximum		1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00

Detailed Reports for Watershed ID #182

WILLAMETTE R > COLUMBIA R - AB MOLALLA R
WILLAMETTE BASIN

Water Availability as of 6/14/2010

Watershed ID #: 182
Date: 6/14/2010

Exceedance Level:
Time: 9:19 AM

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	38,500.00	2,250.00	36,200.00	0.00	1,500.00	34,700.00
FEB	37,100.00	7,440.00	29,700.00	0.00	1,500.00	28,200.00
MAR	32,800.00	7,220.00	25,600.00	0.00	1,500.00	24,100.00
APR	28,300.00	6,870.00	21,400.00	0.00	1,500.00	19,900.00
MAY	22,200.00	4,200.00	18,000.00	0.00	1,500.00	16,500.00
JUN	12,500.00	2,050.00	10,500.00	0.00	1,500.00	8,950.00
JUL	6,330.00	1,870.00	4,460.00	0.00	1,500.00	2,960.00
AUG	4,290.00	1,720.00	2,570.00	0.00	1,500.00	1,070.00
SEP	4,420.00	1,470.00	2,950.00	0.00	1,500.00	1,450.00
OCT	6,690.00	717.00	5,970.00	0.00	1,500.00	4,470.00
NOV	19,000.00	851.00	18,100.00	0.00	1,500.00	16,600.00
DEC	40,700.00	924.00	39,800.00	0.00	1,500.00	38,300.00
STO	15,200,000.00	2,250,000.00	13,000,000.00	0.00	1,090,000.00	11,900,000.00

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	1,530.00	0.00	512.00	84.80	8.12	18.00	77.20	24.80	2,250.00
FEB	6,720.00	0.00	512.00	84.80	8.12	18.00	77.20	24.80	7,440.00
MAR	6,490.00	4.37	512.00	84.80	8.12	18.00	79.30	24.90	7,220.00
APR	6,120.00	29.10	512.00	84.80	8.12	18.00	75.80	24.90	6,870.00
MAY	3,300.00	201.00	509.00	84.80	8.12	18.00	65.70	9.66	4,200.00
JUN	420.00	404.00	1,040.00	84.80	8.12	18.00	63.50	9.51	2,050.00
JUL	3.91	676.00	1,040.00	79.60	8.12	18.00	35.60	9.22	1,870.00
AUG	1.99	528.00	1,040.00	79.50	8.12	16.60	34.20	9.14	1,720.00
SEP	0.70	261.00	1,040.00	84.70	8.12	16.60	49.80	9.40	1,470.00
OCT	0.36	19.00	512.00	84.80	8.12	16.60	53.10	23.20	717.00
NOV	126.00	0.00	512.00	84.80	8.12	18.00	76.10	24.80	851.00
DEC	198.00	0.00	512.00	84.80	8.12	18.00	77.20	24.80	924.00

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
MF182A	APPLICATION	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00
Maximum		1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00

Detailed Reports for Watershed ID #183

WILLAMETTE R > COLUMBIA R - AB MILL CR AT GAGE 14191000
WILLAMETTE BASIN

Water Availability as of 6/14/2010

Watershed ID #: 183
Date: 6/14/2010

Exceedance Level: 50%
Time: 9:19 AM

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	32,500.00	2,190.00	30,300.00	0.00	1,300.00	29,000.00
FEB	31,500.00	7,380.00	24,100.00	0.00	1,300.00	22,800.00
MAR	28,600.00	7,170.00	21,400.00	0.00	1,300.00	20,100.00
APR	25,700.00	6,820.00	18,900.00	0.00	1,300.00	17,600.00
MAY	21,000.00	4,110.00	16,900.00	0.00	1,300.00	15,600.00
JUN	12,100.00	1,630.00	10,500.00	0.00	1,300.00	9,170.00
JUL	6,070.00	1,380.00	4,690.00	0.00	1,300.00	3,390.00
AUG	4,110.00	1,270.00	2,840.00	0.00	1,300.00	1,540.00
SEP	4,210.00	1,100.00	3,110.00	0.00	1,300.00	1,810.00
OCT	6,410.00	701.00	5,710.00	0.00	1,300.00	4,410.00
NOV	17,000.00	809.00	16,200.00	0.00	1,300.00	14,900.00
DEC	34,700.00	862.00	33,800.00	0.00	1,300.00	32,500.00
STO	13,500,000.00	2,120,000.00	11,400,000.00	0.00	942,000.00	10,400,000.00

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	1,500.00	0.00	569.00	58.30	3.53	12.70	24.00	23.80	2,190.00
FEB	6,690.00	0.00	569.00	58.30	3.53	12.70	24.00	23.80	7,380.00
MAR	6,470.00	3.08	569.00	58.30	3.53	12.70	25.10	23.80	7,170.00
APR	6,110.00	19.40	569.00	58.30	3.53	12.70	22.60	23.80	6,820.00
MAY	3,300.00	141.00	565.00	58.30	3.53	12.70	21.50	9.09	4,110.00
JUN	419.00	286.00	818.00	58.30	3.53	12.70	21.50	9.09	1,630.00
JUL	3.86	477.00	815.00	54.70	3.53	12.70	5.05	8.87	1,380.00
AUG	1.98	370.00	815.00	54.70	3.53	12.70	5.05	8.79	1,270.00
SEP	0.68	183.00	817.00	58.20	3.53	12.70	19.10	8.97	1,100.00
OCT	0.28	13.40	569.00	58.30	3.53	12.70	21.40	22.80	701.00
NOV	119.00	0.00	569.00	58.30	3.53	12.70	22.90	23.80	809.00
DEC	171.00	0.00	569.00	58.30	3.53	12.70	24.00	23.80	862.00

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
MF183A	APPLICATION	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00
Maximum		1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00	1,300.00

Detailed Reports for Watershed ID #167

SANTIAM R > WILLAMETTE R - AT MOUTH
WILLAMETTE BASIN

Water Availability as of 6/14/2010

Watershed ID #: 167
Date: 6/14/2010

Exceedance Level: 50%
Time: 9:19 AM

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	11,200.00	1,050.00	10,200.00	0.00	320.00	9,830.00
FEB	10,300.00	3,320.00	6,980.00	0.00	320.00	6,660.00
MAR	8,610.00	2,890.00	5,720.00	0.00	320.00	5,400.00
APR	8,840.00	2,880.00	5,960.00	0.00	320.00	5,640.00
MAY	7,090.00	1,930.00	5,160.00	0.00	320.00	4,840.00
JUN	3,750.00	1,080.00	2,670.00	0.00	320.00	2,350.00
JUL	1,750.00	1,010.00	736.00	0.00	320.00	416.00
AUG	1,140.00	953.00	187.00	0.00	320.00	-133.00
SEP	1,170.00	844.00	326.00	0.00	320.00	6.16
OCT	1,560.00	764.00	796.00	0.00	320.00	476.00
NOV	7,030.00	716.00	6,310.00	0.00	320.00	5,990.00
DEC	10,300.00	708.00	9,590.00	0.00	320.00	9,270.00
STO	4,380,000.00	1,080,000.00	3,280,000.00	0.00	232,000.00	3,070,000.00

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	342.00	77.80	362.00	8.36	3.90	3.88	5.07	245.00	1,050.00
FEB	2,620.00	74.30	362.00	8.36	3.90	3.88	5.07	243.00	3,320.00
MAR	2,170.00	79.20	362.00	8.36	3.90	3.88	5.07	255.00	2,890.00
APR	2,120.00	112.00	362.00	8.36	3.90	3.88	5.07	263.00	2,880.00
MAY	1,090.00	217.00	358.00	8.36	3.90	3.88	5.07	240.00	1,930.00
JUN	134.00	317.00	376.00	8.36	3.90	3.88	5.07	227.00	1,080.00
JUL	0.21	413.00	371.00	7.44	3.90	3.88	3.60	210.00	1,010.00
AUG	0.53	395.00	371.00	7.44	3.90	3.88	3.60	166.00	953.00
SEP	0.00	302.00	376.00	8.33	3.90	3.88	4.29	145.00	844.00
OCT	0.02	199.00	362.00	8.36	3.90	3.88	5.07	181.00	764.00
NOV	2.23	118.00	362.00	8.36	3.90	3.88	5.07	212.00	716.00
DEC	5.11	81.40	362.00	8.36	3.90	3.88	5.07	238.00	708.00

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
MF167A	APPLICATION	320.00	320.00	320.00	320.00	320.00	320.00	320.00	320.00	320.00	320.00	320.00	320.00
Maximum		320.00	320.00	320.00	320.00	320.00	320.00	320.00	320.00	320.00	320.00	320.00	320.00

Detailed Reports for Watershed ID #168

SANTIAM R > WILLAMETTE R - AB MORGAN CR
WILLAMETTE BASIN

Water Availability as of 6/14/2010

Watershed ID #: 168
Date: 6/14/2010

Exceedance Level:
Time: 9:19 AM

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	11,000.00	1,050.00	9,950.00	0.00	330.00	9,620.00
FEB	10,100.00	3,320.00	6,780.00	0.00	330.00	6,450.00
MAR	8,470.00	2,890.00	5,580.00	0.00	330.00	5,250.00
APR	8,760.00	2,880.00	5,880.00	0.00	330.00	5,550.00
MAY	7,090.00	1,920.00	5,170.00	0.00	330.00	4,840.00
JUN	3,750.00	1,060.00	2,690.00	0.00	330.00	2,360.00
JUL	1,750.00	993.00	757.00	0.00	330.00	427.00
AUG	1,140.00	936.00	204.00	0.00	330.00	-126.00
SEP	1,160.00	835.00	325.00	0.00	330.00	-5.20
OCT	1,550.00	761.00	789.00	0.00	330.00	459.00
NOV	7,010.00	714.00	6,300.00	0.00	330.00	5,970.00
DEC	10,100.00	706.00	9,390.00	0.00	330.00	9,060.00
STO	4,320,000.00	1,080,000.00	3,240,000.00	0.00	239,000.00	3,010,000.00

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	341.00	77.80	361.00	8.28	3.90	3.88	4.15	245.00	1,050.00
FEB	2,620.00	74.30	361.00	8.28	3.90	3.88	4.15	243.00	3,320.00
MAR	2,170.00	79.00	361.00	8.28	3.90	3.88	4.15	255.00	2,890.00
APR	2,120.00	111.00	361.00	8.28	3.90	3.88	4.15	263.00	2,880.00
MAY	1,090.00	211.00	358.00	8.28	3.90	3.88	4.15	240.00	1,920.00
JUN	134.00	304.00	375.00	8.28	3.90	3.88	4.15	227.00	1,060.00
JUL	0.21	394.00	370.00	7.37	3.90	3.88	3.37	210.00	993.00
AUG	0.53	381.00	370.00	7.37	3.90	3.88	3.37	166.00	936.00
SEP	0.00	296.00	375.00	8.26	3.90	3.88	3.37	145.00	835.00
OCT	0.03	198.00	361.00	8.28	3.90	3.88	4.15	181.00	761.00
NOV	1.89	118.00	361.00	8.28	3.90	3.88	4.15	212.00	714.00
DEC	4.55	81.40	361.00	8.28	3.90	3.88	4.15	238.00	706.00

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
MF168A	APPLICATION	330.00	330.00	330.00	330.00	330.00	330.00	330.00	330.00	330.00	330.00	330.00	330.00
Maximum		330.00	330.00	330.00	330.00	330.00	330.00	330.00	330.00	330.00	330.00	330.00	330.00

Detailed Reports for Watershed ID #30200601

S SANTIAM R > SANTIAM R - AT MOUTH
WILLAMETTE BASIN

Water Availability as of 6/14/2010

Watershed ID #: 30200601
Date: 6/14/2010

Exceedance Level: 50%
Time: 9:19 AM

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	6,110.00	258.00	5,850.00	0.00	0.00	5,850.00
FEB	5,780.00	1,520.00	4,260.00	0.00	0.00	4,260.00
MAR	4,940.00	1,250.00	3,690.00	0.00	0.00	3,690.00
APR	4,780.00	1,040.00	3,740.00	0.00	0.00	3,740.00
MAY	3,630.00	707.00	2,920.00	0.00	0.00	2,920.00
JUN	1,530.00	178.00	1,350.00	0.00	0.00	1,350.00
JUL	662.00	198.00	464.00	0.00	0.00	464.00
AUG	364.00	184.00	180.00	0.00	0.00	180.00
SEP	354.00	155.00	199.00	0.00	0.00	199.00
OCT	692.00	133.00	559.00	0.00	0.00	559.00
NOV	3,760.00	134.00	3,630.00	0.00	0.00	3,630.00
DEC	6,160.00	136.00	6,020.00	0.00	0.00	6,020.00
STO	2,330,000.00	351,000.00	1,980,000.00	0.00	0.00	1,980,000.00

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	126.00	0.00	110.00	5.02	0.15	1.83	0.38	15.70	258.00
FEB	1,390.00	0.00	110.00	5.02	0.15	1.83	0.38	15.70	1,520.00
MAR	1,120.00	0.02	110.00	5.02	0.15	1.83	0.38	15.70	1,250.00
APR	906.00	0.16	110.00	5.02	0.15	1.83	0.38	15.70	1,040.00
MAY	567.00	20.60	110.00	5.02	0.15	1.83	0.38	1.95	707.00
JUN	9.53	41.70	117.00	5.02	0.15	1.83	0.38	1.95	178.00
JUL	0.21	72.60	117.00	4.13	0.15	1.83	0.38	1.95	198.00
AUG	0.53	57.70	117.00	4.13	0.15	1.83	0.38	1.95	184.00
SEP	0.00	28.20	117.00	5.02	0.15	1.83	0.38	1.95	155.00
OCT	0.09	0.09	110.00	5.02	0.15	1.83	0.38	15.70	133.00
NOV	0.70	0.00	110.00	5.02	0.15	1.83	0.38	15.70	134.00
DEC	2.86	0.00	110.00	5.02	0.15	1.83	0.38	15.70	136.00

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

No instream flow requirements were found for this watershed.

Detailed Reports for Watershed ID #106

HAMILTON CR > S SANTIAM R - AT MOUTH
WILLAMETTE BASIN

Water Availability as of 6/14/2010

Watershed ID #: 106
Date: 6/14/2010

Exceedance Level: 50%
Time: 9:19 AM

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	184.00	0.22	184.00	0.00	40.00	144.00
FEB	186.00	0.22	186.00	0.00	40.00	146.00
MAR	145.00	0.16	145.00	0.00	40.00	105.00
APR	96.90	0.16	96.70	0.00	40.00	56.70
MAY	50.20	0.56	49.60	0.00	40.00	9.64
JUN	28.60	1.10	27.50	0.00	15.00	12.50
JUL	14.10	1.89	12.20	0.00	8.00	4.21
AUG	8.53	1.51	7.02	0.00	3.00	4.02
SEP	7.82	0.75	7.07	0.00	3.00	4.07
OCT	13.10	0.07	13.00	0.00	20.00	-6.97
NOV	67.40	0.06	67.30	0.00	40.00	27.30
DEC	175.00	0.21	175.00	0.00	40.00	135.00
STO	58,600.00	419.00	58,200.00	0.00	19,800.00	38,800.00

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	0.21	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.22
FEB	0.21	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.22
MAR	0.14	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.16
APR	0.07	0.07	0.00	0.00	0.00	0.00	0.01	0.00	0.16
MAY	0.01	0.54	0.00	0.00	0.00	0.00	0.01	0.00	0.56
JUN	0.02	1.07	0.00	0.00	0.00	0.00	0.01	0.00	1.10
JUL	0.00	1.88	0.00	0.00	0.00	0.00	0.01	0.00	1.89
AUG	0.00	1.49	0.00	0.00	0.00	0.00	0.01	0.00	1.51
SEP	0.00	0.73	0.00	0.00	0.00	0.00	0.01	0.00	0.75
OCT	0.00	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.07
NOV	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.06
DEC	0.19	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.21

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
MF106A	CERTIFICATE	40.00	40.00	40.00	40.00	40.00	15.00	8.00	3.00	3.00	20.00	40.00	40.00
Maximum		40.00	40.00	40.00	40.00	40.00	15.00	8.00	3.00	3.00	20.00	40.00	40.00