

WATERMASTER
WATER RIGHT PERMIT APPLICATION REVIEW



Application Number: R-89247

Applicant's Name: City of Eugene

Evaluation of potential for injury to other water rights:

1. Would the proposed water allocation have the potential for injury to other water rights?
 Yes No
2. If the proposed water allocation will cause injury, can the permit be conditioned to avoid injury?
 Yes No N/A

If "Yes", please list conditions necessary to avoid injury:

This review supersedes the watermaster review dated 6/20/2023. A discrepancy in the Long Tom Water Availability model has been resolved. Water is available January - December @ 50% exceedance.

Evaluation of appropriate Measurement, Recording and Reporting Condition:

3. Please select the measurement device(s) required for any permit issued under this application.
 Totalizing Flow Meter Other/None – please describe below:
 Staff Gage
4. Please select your recommended reporting requirement for any permit issued under this application. Please consider site-specific information, including but not limited to potential for injury to other water rights, regulation history of the area, and level of stakeholder interest in the application.
 Require recording of volume of water diverted each month and require submission of a report to the Department annually.
 Do not require recording and reporting at this time.
5. Please provide any additional information or permit conditions that are necessary for this application:
6. Would you like to review a draft of any permit that might be issued under this application?
 Yes No

WM name: Lanaya Blakely WM Signature:  Date: 7/12/2024

Application Caseworker: Adam Frederick

Water Availability Analysis

LONG TOM R > WILLAMETTE R - AB MOUTH
WILLAMETTE BASIN

Water Availability as of 7/12/2024

Watershed ID #: 114 ([Map](#))

Date: 7/12/2024

Exceedance Level:

Time: 1:53 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	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	30200321	WILLAMETTE R> COLUMBIA R- AB PERIWINKLE CR AT GAGE 14174	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5	114	LONG TOM R> WILLAMETTE R- AB MOUTH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	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	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	1,070.00
FEB	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	941.00
MAR	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	429.00
APR	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	340.00
MAY	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	237.00
JUN	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	116.00
JUL	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	20.50
AUG	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	3.18
SEP	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	18.30
OCT	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	42.50
NOV	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	205.00
DEC	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	944.00
ANN	114	LONG TOM R > WILLAMETTE R - AB MOUTH	Yes	262,000.00

Detailed Reports for Watershed ID #181

WILLAMETTE R > COLUMBIA R - AT MOUTH
WILLAMETTE BASIN

Water Availability as of 7/12/2024

Watershed ID #: 181 ([Map](#))

Date: 7/12/2024

Exceedance Level:

Time: 1:53 PM

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	51,100.00	2,710.00	48,400.00	0.00	1,500.00	46,900.00
FEB	49,100.00	7,970.00	41,100.00	0.00	1,500.00	39,600.00
MAR	42,400.00	7,550.00	34,800.00	0.00	1,500.00	33,300.00
APR	36,400.00	7,190.00	29,200.00	0.00	1,500.00	27,700.00
MAY	28,300.00	4,430.00	23,900.00	0.00	1,500.00	22,400.00
JUN	15,800.00	2,360.00	13,400.00	0.00	1,500.00	11,900.00
JUL	7,980.00	2,310.00	5,670.00	0.00	1,500.00	4,170.00
AUG	5,530.00	2,070.00	3,460.00	0.00	1,500.00	1,960.00
SEP	5,740.00	1,690.00	4,050.00	0.00	1,500.00	2,550.00
OCT	8,390.00	729.00	7,660.00	0.00	1,500.00	6,160.00
NOV	24,400.00	1,040.00	23,400.00	0.00	1,500.00	21,900.00
DEC	52,800.00	1,360.00	51,400.00	0.00	1,500.00	49,900.00
ANN	19,700,000.00	2,480,000.00	17,300,000.00	0.00	1,090,000.00	16,200,000.00

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	1,880.00	0.04	441.00	96.10	10.80	22.30	191.00	64.90	2,710.00
FEB	7,150.00	0.04	441.00	96.10	10.80	22.30	191.00	64.40	7,970.00
MAR	6,720.00	6.74	441.00	96.00	10.80	22.30	194.00	62.00	7,550.00
APR	6,330.00	44.00	441.00	96.00	10.80	22.30	187.00	62.00	7,190.00
MAY	3,400.00	318.00	430.00	96.00	10.60	22.30	107.00	40.00	4,430.00
JUN	443.00	615.00	1,040.00	95.70	10.50	22.30	96.80	38.00	2,360.00
JUL	14.30	1,050.00	1,030.00	95.20	10.50	22.30	59.20	31.70	2,310.00
AUG	2.15	825.00	1,020.00	95.10	10.50	22.30	58.90	31.40	2,070.00
SEP	0.87	406.00	1,040.00	95.60	10.60	22.30	85.10	34.10	1,690.00
OCT	0.69	29.20	426.00	96.00	10.60	22.30	90.30	53.40	729.00
NOV	240.00	0.05	434.00	96.10	10.90	22.30	174.00	61.40	1,040.00
DEC	536.00	0.04	441.00	96.10	10.80	22.30	192.00	64.90	1,360.00

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 7/12/2024

Detailed Reports for Watershed ID #183

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

WILLAMETTE BASIN

Water Availability as of 7/12/2024

Watershed ID #: 183 ([Map](#))

Date: 7/12/2024

Exceedance Level: 50%

Time: 1:53 PM

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	32,500.00	2,250.00	30,300.00	0.00	1,300.00	29,000.00
FEB	31,500.00	7,430.00	24,100.00	0.00	1,300.00	22,800.00
MAR	28,600.00	7,220.00	21,400.00	0.00	1,300.00	20,100.00
APR	25,700.00	6,870.00	18,800.00	0.00	1,300.00	17,500.00
MAY	21,000.00	4,180.00	16,800.00	0.00	1,300.00	15,500.00
JUN	12,100.00	1,690.00	10,400.00	0.00	1,300.00	9,110.00
JUL	6,070.00	1,450.00	4,620.00	0.00	1,300.00	3,320.00
AUG	4,110.00	1,330.00	2,780.00	0.00	1,300.00	1,480.00
SEP	4,210.00	1,150.00	3,060.00	0.00	1,300.00	1,760.00
OCT	6,410.00	747.00	5,660.00	0.00	1,300.00	4,360.00
NOV	17,000.00	855.00	16,100.00	0.00	1,300.00	14,800.00
DEC	34,700.00	918.00	33,800.00	0.00	1,300.00	32,500.00
ANN	13,500,000.00	2,160,000.00	11,300,000.00	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	1,510.00	0.00	585.00	54.90	3.56	12.60	36.10	41.20	2,250.00
FEB	6,700.00	0.00	584.00	54.90	3.56	12.60	36.10	40.70	7,430.00
MAR	6,480.00	3.34	585.00	54.80	3.56	12.60	41.50	39.30	7,220.00
APR	6,120.00	21.00	585.00	54.80	3.56	12.60	37.30	39.30	6,870.00
MAY	3,300.00	165.00	581.00	54.80	3.56	12.60	35.30	23.80	4,180.00
JUN	421.00	311.00	827.00	54.50	3.56	12.60	33.50	23.70	1,690.00
JUL	3.93	525.00	824.00	54.40	3.54	12.60	6.14	18.00	1,450.00
AUG	1.99	410.00	824.00	54.30	3.54	12.60	6.14	17.70	1,330.00
SEP	0.69	202.00	826.00	54.40	3.62	12.60	31.20	20.30	1,150.00
OCT	0.32	14.60	584.00	54.80	3.62	12.60	37.40	39.70	747.00
NOV	124.00	0.00	585.00	54.90	3.65	12.60	34.60	40.70	855.00
DEC	185.00	0.00	585.00	54.90	3.56	12.60	36.10	41.20	918.00

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 #30200321

WILLAMETTE R > COLUMBIA R - AB PERIWINKLE CR AT GAGE 14174

WILLAMETTE BASIN

Water Availability as of 7/12/2024

Watershed ID #: 30200321 ([Map](#))

Exceedance Level:

Date: 7/12/2024

Time: 1:53 PM

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	17,300.00	1,370.00	15,900.00	0.00	1,750.00	14,200.00
FEB	17,400.00	4,290.00	13,100.00	0.00	1,750.00	11,400.00
MAR	15,800.00	4,560.00	11,200.00	0.00	1,750.00	9,490.00
APR	13,800.00	4,260.00	9,540.00	0.00	1,750.00	7,790.00
MAY	11,400.00	2,560.00	8,840.00	0.00	1,750.00	7,090.00
JUN	7,370.00	856.00	6,510.00	0.00	1,750.00	4,760.00
JUL	4,130.00	666.00	3,460.00	0.00	1,750.00	1,710.00
AUG	2,980.00	604.00	2,380.00	0.00	1,750.00	626.00
SEP	2,970.00	517.00	2,450.00	0.00	1,750.00	703.00
OCT	3,550.00	269.00	3,280.00	0.00	1,750.00	1,530.00
NOV	8,170.00	355.00	7,820.00	0.00	1,750.00	6,070.00
DEC	19,100.00	381.00	18,700.00	0.00	1,750.00	17,000.00
ANN	7,460,000.00	1,240,000.00	6,230,000.00	0.00	1,270,000.00	4,960,000.00

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	1,110.00	0.00	175.00	42.00	0.02	5.82	26.00	13.70	1,370.00
FEB	4,030.00	0.00	175.00	42.00	0.02	5.82	26.00	13.20	4,290.00
MAR	4,300.00	1.73	175.00	42.00	0.02	5.82	27.30	11.80	4,560.00
APR	3,990.00	10.70	175.00	42.00	0.02	5.82	26.80	11.80	4,260.00
MAY	2,200.00	91.60	175.00	42.00	0.02	5.82	25.30	11.80	2,560.00
JUN	284.00	163.00	325.00	42.00	0.02	5.82	25.30	11.80	856.00
JUL	3.57	280.00	324.00	41.90	0.02	5.82	2.23	8.58	666.00
AUG	1.42	220.00	324.00	41.80	0.02	5.82	2.23	8.57	604.00
SEP	0.64	108.00	324.00	41.90	0.02	5.82	25.30	11.20	517.00
OCT	0.13	7.71	175.00	42.00	0.02	5.82	25.30	13.20	269.00
NOV	93.60	0.00	175.00	42.00	0.02	5.82	24.50	13.20	355.00
DEC	118.00	0.00	175.00	42.00	0.02	5.82	26.00	13.70	381.00

Detailed Report of Reservations for Storage and Consumptive Uses

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
MF184A	APPLICATION	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00
Maximum		1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00

Detailed Reports for Watershed ID #114

LONG TOM R > WILLAMETTE R - AB MOUTH

WILLAMETTE BASIN

Water Availability as of 7/12/2024

Watershed ID #: 114 ([Map](#))

Exceedance Level:

Date: 7/12/2024

Time: 1:53 PM

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	1,220.00	150.00	1,070.00	0.00	0.00	1,070.00
FEB	1,330.00	389.00	941.00	0.00	0.00	941.00
MAR	984.00	555.00	429.00	0.00	0.00	429.00
APR	590.00	250.00	340.00	0.00	0.00	340.00
MAY	301.00	64.20	237.00	0.00	0.00	237.00
JUN	146.00	29.90	116.00	0.00	0.00	116.00
JUL	68.80	48.30	20.50	0.00	0.00	20.50
AUG	42.40	39.20	3.18	0.00	0.00	3.18
SEP	40.00	21.70	18.30	0.00	0.00	18.30
OCT	48.40	5.94	42.50	0.00	0.00	42.50
NOV	211.00	5.76	205.00	0.00	0.00	205.00
DEC	1,050.00	106.00	944.00	0.00	0.00	944.00
ANN	362,000.00	99,700.00	262,000.00	0.00	0.00	262,000.00

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	145.00	0.00	0.40	3.20	0.00	0.60	0.23	0.24	150.00
FEB	385.00	0.00	0.40	3.20	0.00	0.60	0.23	0.24	389.00
MAR	551.00	0.26	0.40	3.20	0.00	0.60	0.23	0.24	555.00
APR	244.00	1.65	0.40	3.20	0.00	0.60	0.23	0.24	250.00
MAY	47.30	12.20	0.40	3.20	0.00	0.60	0.23	0.24	64.20
JUN	0.23	24.90	0.53	3.20	0.00	0.60	0.23	0.24	29.90
JUL	0.03	43.50	0.53	3.20	0.00	0.60	0.23	0.24	48.30
AUG	0.01	34.50	0.53	3.11	0.00	0.60	0.23	0.23	39.20
SEP	0.02	16.90	0.53	3.20	0.00	0.60	0.23	0.24	21.70

OCT	0.06	1.21	0.40	3.20	0.00	0.60	0.23	0.24	5.94
NOV	1.09	0.00	0.40	3.20	0.00	0.60	0.23	0.24	5.76
DEC	101.00	0.00	0.40	3.20	0.00	0.60	0.23	0.24	106.00

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.