

BENTON / WASHINGTON REGIONAL PUBLIC WATER AUTHORITY
Manager's Operations Report
DECEMBER 2023

DECEMBER 2023 PRODUCTION

Total Raw Production: 431.064 MG / 13.905 MGD Average 474.278 MG / 15.299 MGD in DEC 22

Rainfall @ plant for DEC 23 – 1.90” DEC 23 Average Daily High Air Temp: 52.7° F (36°- 64°)
(20 Yr BWRPWA Avg Rainfall – DEC – 3.37”) DEC 23 Average Daily Low Air Temp: 36.4° F (26° - 52°)
2022 DEC RAINFALL / Snow Equivalent – 5.42” 20 YR BWRPWA Avg DEC HIGH TEMP – 49.4° F
DEC 2022 had a daily high average of 47.6° F

20 Yr. BWRPWA Avg Annual Rainfall Total – 47.59” 2022 Rainfall Total – 56.52”

2023 Total Rainfall – 54.62” 5th consecutive year with above average rainfall (2019-2023)

DEC 23 Average Raw Water Temp at plant: 56° F - Range (54° - 59°F) Currently 54° F – 100% Mid Depth
Dec 22 Avg Raw water temperature was 50° F

Peak Daily RAW Production for DEC 2023 – 16.942 MGD (2022 DEC PEAK DAILY 19.998 MGD)

Instantaneous Peak Daily Production – 14,540 gpm or 20.938 MGD (2022 DEC PEAK – 15,850 gpm)

DEC 23 Plant Daily Average Run Time: 22.79 hours Daily Max: 24.00 hrs. Daily Min 13.00 hrs.
23 Days of 24 hour run time. - Off times due to Tank Cycling on Winter operating windows to minimize system
water age and ensure pump usage rotation

DECEMBER 2023 DISTRIBUTION:

G/G/LB BPS – 24.529 MG / Ave 0.791 MGD AVG (AVG 0.926 MGD in DEC 22)
MAX DAY PUMPING – 1.701MG

HSP – 417.820 MG / Daily Avg of 13.478 MGD (AVG 14.740 MGD in DEC 22)
MAX DAY PUMPING – 16.519 MG

Total to Dist. Sys. – 442.349 MG / Avg 14.269 MGD (AVG 15.667 MGD in DEC 22)
TOTAL MAX PUMPING DAY – 17.241 MGD

Lincoln BPS: - 130.560 MG / Average of 4.212 MGD (Avg of 4.304 MGD in DEC 22)
MAX PUMPING DAY – 5.959 MGD

DAILY PEAK HOURLY DEMAND DEC 23 – Average Daily Peak HOURLY Demand 15,223 gpm
or 21.912 MGD
Minimum – 12,020 gpm – 17.038 MGD MAX – 19,000 gpm or 27.360 MGD

Sold Water: 406.674 MG (13.119 AVG MG / DAY) (**MAX Daily Sold 14.309 MG – MIN DAILY Sold 11.156 MG**)
Sold for DEC 2023 for \$1,138,687,20 and Assessment Revenue - \$72,297.00 on count of 48,198
meters – **6.48% annual growth on meter count from DEC 22 vs DEC 23**. Total Revenue for DECEMBER
2023 - \$1,210,984.20
Sold in DEC 22 – 456.118 MG DEC 22 Meter Count – 45,265

Beaver Lake Levels - 12/1/23 - Level – 1112.81’ As of 1/1/2024 – 1112.34’ – **- 0.47 ft**. Currently in
power pool by 8.09 feet and 2.34 ft above top intake (closed) (Seasonal power pool top 1120.43’).
Currently generating 5-6 hours every 3-4 days at 3700 cfs. Table Rock is currently at 910.34’ which is in
its power pool by 4.66 feet (915’ top of seasonal power pool), and Bull Shoals is at 652.22’ which is in
its power pool by 6.78 feet (Top of seasonal power pool 659’).

Daily Metered Usage – DECEMBER 2023 - All reads x 1000 / Daily reads rounded to nearest 1000 – NOT FOR BILLING

Consumer Name	Designator	NOV 2023 TOTAL x 1000	DECEMBER 2023 TOTAL x 1000	DECEMBER 2023 DAILY AVERAGE	DECEMBER 2023 DAILY MINIMUM	DECEMBER 2023 DAILY MAXIMUM
Bella Vista POA	B-32	18417	19118	617	310	727
Benton County #1	B-3	4734	4212	136	78	187
Benton County #1	Rocky Ridge	75	204	7	0	40
Benton County #1	Sugar Creek	253	125	4	3	6
Benton County #1	Smith Ridge	7586	7454	240	161	372
Centerton Water	Herbaugh	0	0	0	0	0
Centerton Water	Bypass-72	28560	30431	982	833	1104
Centerton Water	Main -72	47854	51022	1646	1371	1795
Centerton Water	Keller	4608	2589	84	0	523
Decatur Water	B-42	11967	12929	417	383	448
Garfield Water	Sugar Creek	494	539	17	15	21
Garfield Water	Blueberry	552	589	19	16	26
Gateway Water	B-22	4697	4675	151	128	179
Gentry Water	Simmons	58992	57745	1863	183	2941
Gentry Water	B-9	27476	27402	884	755	1065
Gravette Water	B-7	12495	14845	479	310	1352
Highfill Water	Tilly Hill	9771	9451	305	261	415
Highfill Water	Pepper Hill	188	196	6	5	8
Lincoln Water	Cobb	783	754	24	20	33
Lincoln Water	Rural	2166	2076	67	61	89
Lincoln Water	Main	23497	24892	803	586	1073
Lost Bridge Water	B-23	2744	2828	91	82	111
Pea Ridge Water	Brush Creek	1736	1726	56	51	61
Pea Ridge Water	Main	18245	18313	591	171	1037
Prairie Grove Water	B-13	12450	12356	399	0	713
Siloam Springs Water	B-11	416	415	13	12	16
Siloam Springs Water	Allen Canning	11	33	1	0	2
Tontitown Water	B-37	17551	17300	558	510	601
Washington Water	Doc Hall	26454	25515	823	569	914
Washington Water	Main	46583	49142	1585	1466	1768
Westville Water	B-19	5196	7581	245	208	294
DAILY TOTALS		396551	406457	13112	11156	14309
HSP & GGLB PUMPS		430606	442349	14269	7927	17241

SOUTH END

Lincoln Water	Cobb	783	754	24	20	33
Lincoln Water	Rural	2166	2076	67	61	89
Lincoln Water	Main	23497	24892	803	586	1073
Prairie Grove Water	B-13	12450	12356	399	0	713
Washington Water	Doc Hall	26454	25515	823	569	914
Washington Water	Main	46583	49142	1585	1466	1768
Westville Water	B-19	5196	7581	245	208	294
TOTALS		117002	122316	3946	3227	4583
BOOSTER PUMP		123823	130560	4212	1417	5959

2024 BWRPWA CALENDAR

JANUARY 1, 2024	OFFICES CLOSED - HOLIDAY
JANUARY 1, 2024	DECEMBER METER READS AND BILLING -
JANUARY 1, 2024	RATE of \$3.20 per 1000 EFFECTIVE
JANUARY 15, 2024	OFFICES CLOSED - HOLIDAY
JANUARY 25, 2024	BWRPWA BOARD MEETING
JANUARY 31, 2024	USEPA NDWAC MEETING (VIRTUAL)
FEBRUARY 1, 2024	JANUARY 2024 METER READS AND BILLING – FIRST CYCLE AT NEW RATE
FEBRUARY 13 – 16, 2024	AWWA UTILITY MANAGEMENT CONFERENCE – PORTLAND OR
FEBRUARY 19, 2024	OFFICES CLOSED - HOLIDAY
FEBRUARY 22, 2024	BWRPWA BOARD MEETING
MARCH 1, 2024	FEBRUARY METER READS AND BILLING
MARCH 28, 2024	BWRPWA BOARD MEETING
APRIL 1, 2024	MARCH METER READS AND BILLING
APRIL 25, 2024	BWRPWA BOARD MEETING
APRIL 28 – MAY 1 2024	AWWWEA CONFERENCE HOT SPRINGS AR
MAY 1, 2024	APRIL METER READS AND BILLING
MAY 23, 2024	BWRPWA BOARD MEETING
MAY 27, 2024	OFFICES CLOSED - HOLIDAY
June 1, 2024	MAY METER READS AND BILLING
JUNE 10 – 13, 2024	AWWA ACE ANAHEIM CA
JUNE 27, 2024	BWRPWA BOARD MEETING
JULY 1, 2024	JUNE METER READS AND BILLING
JULY 4, 2024	OFFICES CLOSED - HOLIDAY
JULY 25, 2024	BWRPWA BOARD MEETING
AUGUST 1, 2024	JULY METER READS AND BILLING
AUGUST 22, 2024	BWRPWA BOARD MEETING – ANNUAL MEETING
SEPTEMBER 1, 2024	AUGUST METER READS AND BILLING
SEPTEMBER 2, 2024	OFFICES CLOSED - HOLIDAY
SEPTEMBER 15-18, 2024	ARWA EXPO HOT SPRINGS AR
SEPTEMBER 19, 2024	BWRPWA BOARD MEETING
OCTOBER 1, 2024	SEPTEMBER METER READS AND BILLING
OCTOBER 6-8, 2024	SW AWWA ANNUAL CONF – NORMAN OK
OCTOBER 31, 2024	BWRPWA BOARD MEETING
NOVEMBER 1, 2024	OCTOBER METER READS AND BILLING
NOVEMBER 11, 2024	OFFICES CLOSED - HOLIDAY
NOVEMBER 21, 2024	BWRPWA BOARD MEETING
NOVEMBER 28-29, 2024	OFFICES CLOSED - HOLIDAY
DECEMBER 1, 2024	NOVEMBER METER READS AND BILLING
DECEMBER 19, 2024	BWRPWA BOARD MEETING
DECEMBER 24-25, 2024	OFFICES CLOSED - HOLIDAY
JANUARY 1, 2025	OFFICES CLOSED – HOLIDAY / DEC BILLING
JANUARY 1, 2025	RATE INCREASE TO \$3.45 / 1000 EFFECTIVE