

BENTON / WASHINGTON REGIONAL PUBLIC WATER AUTHORITY
Manager's Operations Report
MAY 2024

MAY 2024 PRODUCTION

Total Raw Production: 452.796 MG / 14.606 MGD Average 461.612 MG / 14.891 MGD in MAY 23

Rainfall @ plant for MAY 24 – 11.39” **MAY 24 Average Daily High Air Temp: 77.9° F (66°- 87°)**
20 Yr. BWRPWA Avg Rainfall – MAY – 6.52” **MAY 24 Average Daily Low Air Temp: 60.5° F (54° - 68°)**
2023 MAY RAINFALL– 3.58” 20 YR BWRPWA Avg MAY HIGH TEMP – 77.2° F
(3rd highest May total in 20yrs.) MAY 2023 had a daily high average of 77.8° F and low of 58.6° F

20 Yr. BWRPWA Avg Annual Rainfall Total – 47.91” 2023 Rainfall Total – 54.62”
2024 Total Rainfall YTD – 25.10” **20 Year Avg. YTD – 21.34”**

MAY 24 Average Raw Water Temp at plant: 66° F - Range (64° - 68°F) Currently 68° F – 100% Mid Depth
MAY 23 Avg Raw water temperature was 65° F

Peak Daily RAW Production for MAY 2024 – 19.120 MGD (2023 MAY PEAK DAILY 18.969 MGD)

Instantaneous Peak Daily Production – 16,750 gpm or 24.120 MGD (2023 MAY PEAK – 15,180 gpm)

MAY 24 Plant Daily Average Run Time: 20.85 hours Daily Max: 24.00 hrs. Daily Min 0.00 hrs.
16 Days of 24 hour run time. - Off times due to Tank Cycling on operating windows to minimize system water age and ensure pump usage rotation and lightning threats 0 Hour run day due power outage May 26-27

MAY 2024 DISTRIBUTION:

G/G/LB BPS – 28.470 MG / Ave 0.918 MGD AVG (AVG 0.859 MGD in MAY 23)
MAX DAY PUMPING – 1.731 MG (24 Hr Run)

HSP – 431.585 MG / Daily Avg of 13.922 MGD (AVG 14.372 MGD in MAY 23)
MAX DAY PUMPING – 17.566 MG

Total to Dist. Sys. – 460.055 MG / Avg 14.840 MGD (AVG 15.231 MGD in MAY 23)
TOTAL MAX PUMPING DAY – 19.756 MGD

Lincoln BPS: - 136.110 MG / Average of 4.391 MGD (Avg of 4.263 MGD in MAY 23)
MAX PUMPING DAY – 6.637 MGD

DAILY PEAK HOURLY DEMAND MAY 24 – Average Daily Peak HOURLY Demand 15,426 gpm or 22.213 MGD
Minimum PHD – 10,500 gpm – 15.120 MGD **MAX PHD – 19,600 gpm or 28.224 MGD**

Sold Water: 430.106 MG (13.874 AVG MG / DAY) (**MAX Daily Sold 15.486 MG – MIN DAILY Sold 10.696 MG**) Sold for MAY 2024 for \$1,376,339.20 and Assessment Revenue - \$73,188.00 on count of 48,792 meters – **5.81% annual growth on meter count from MAY 23 vs MAY 24.** Total Revenue for MAY 2024 - \$1,449,587.20
Sold in MAY 23 – 439.565 MG MAY 23 Meter Count – 46,114

Beaver Lake Levels - 5/3/24 - Level – 1123.07' As of 6/3/2024 – 1124.36' – +1.29 ft. Currently in Flood pool by 2.93 feet and 14.36 ft above top intake (closed) (Seasonal power pool top 1121.43'). Currently generating 12 hours per day at 3,800 cfs. Table Rock is currently at 917.42' which is in its flood pool by 0.42 feet (917' top of seasonal power pool), and Bull Shoals is at 667.45' which is in its flood pool by 5.45 feet (Top of seasonal power pool 662'). Appears lake chain is moving excess to Bull Shoals flood pool through generating.

Daily Metered Usage – MAY 2024 - All reads x 1000 / Daily reads rounded to nearest 1000 – NOT FOR BILLING

Consumer Name	Designator	APRIL 2024 TOTAL x 1000	MAY 2024 TOTAL x 1000	MAY 2024 DAILY AVERAGE	MAY 2024 DAILY MINIMUM	MAY 2024 DAILY MAXIMUM
Bella Vista POA	B-32	33445	20271	654	1	930
Benton County #1	B-3	5466	5400	174	0	252
Benton County #1	Rocky Ridge	81	30	1	0	5
Benton County #1	Sugar Creek	160	134	4	3	6
Benton County #1	Smith Ridge	8397	9386	313	234	424
Centerton Water	Herbaugh	0	0	0	0	0
Centerton Water	Bypass-72	28715	28056	905	1	1323
Centerton Water	Main -72	47581	52126	1682	1271	2369
Centerton Water	Keller	6788	5820	188	0	481
Decatur Water	B-42	13354	14012	452	383	712
Garfield Water	Sugar Creek	697	655	21	12	36
Garfield Water	Blueberry	456	602	19	13	23
Gateway Water	B-22	4399	4982	161	130	220
Gentry Water	Simmons	64515	58394	1882	0	2851
Gentry Water	B-9	26658	28443	918	760	1218
Gravette Water	B-7	14646	14055	453	97	824
Highfill Water	Tilly Hill	10520	10417	336	102	800
Highfill Water	Pepper Hill	263	269	9	5	18
Lincoln Water	Cobb	680	710	23	5	38
Lincoln Water	Rural	2382	2856	92	62	210
Lincoln Water	Main	25893	25563	825	249	1491
Lost Bridge Water	B-23	2896	3303	107	23	151
Pea Ridge Water	Brush Creek	1912	1929	62	27	86
Pea Ridge Water	Main	19287	18602	600	71	907
Prairie Grove Water	B-13	9707	11135	359	0	826
Siloam Springs Water	B-11	443	487	16	13	24
Siloam Springs Water	Allen Canning	0	0	0	0	0
Tontitown Water	B-37	19339	20352	656	0	811
Washington Water	Doc Hall	25109	27267	880	728	1209
Washington Water	Main	48573	55591	1793	1567	1949
Westville Water	B-19	8530	8759	283	152	361
DAILY TOTALS		430892	429606	13858	10696	15486
HSP & GGLB PUMPS		471935	460055	14840	671	19297

SOUTH END

Lincoln Water	Cobb	680	710	23	5	38
Lincoln Water	Rural	2382	2856	92	62	210
Lincoln Water	Main	25893	25563	825	249	1491
Prairie Grove Water	B-13	9707	11135	359	0	826
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Washington Water	Main	48573	55591	1793	1567	1949
Westville Water	B-19	8530	8759	283	152	361
TOTALS		120874	131881	4254	3549	5244
BOOSTER PUMP		129720	136110	4391	248	6637

2024 BWRPWA CALENDAR

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 23, 2024	JOINT FINANCE – PERSONNEL COMMITTEE MEETING – 2025 BUDGET & AGM INTERVIEWS
OCTOBER 31, 2024	BWRPWA BOARD MEETING
NOVEMBER 1, 2024	OCTOBER METER READS AND BILLING
NOVEMBER 11, 2024	OFFICES CLOSED - HOLIDAY
NOVEMBER 14-15, 2024	BWRPWA BOARD INTERVIEWS – ASST GM POSITION RD 2 If Needed
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