

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

MAY 2023 PRODUCTION

Total Raw Production: 461.612 MG / 14.891 MGD Average 431.790 MG / 13.929 MGD in MAY 22

Rainfall @ plant for MAY 23 – 3.58” MAY 23 Average Daily High Air Temp: 77.8° F (62°- 87°)
3rd DRIEST MAY IN 20 YEARS **MAY 23 Average Daily Low Air Temp: 58.6° F (39° - 69°)**
(20 Yr BWRPWA Avg Rainfall – MAY – 6.06”) (20 Yr BWRPWA Avg MAY High Temp – 77.2° F)
(Rainfall in MAY 22 – 14.77”) (MAY 22 had AVG High Temp of 77.9° F)

20 Yr BWRPWA Avg Annual Rainfall Total – 47.57” 2022 Rainfall Total – 56.48”

2023 Total Rainfall through MAY 23 – 23.00”

Average Raw Water Temp at plant: 65° F - Range (59° - 70°F) Currently 70° F – 25/75 Split level

Peak Daily RAW Production for MAY 2023 – 18.969 MGD (2022 MAY PEAK DAILY 18.073 MGD)

Instantaneous Peak Daily Production – 15,180 gpm or 21.859 MGD (2022 MAY PEAK – 15,250 gpm)

Plant Daily Average Run Time: 22.55 hours Daily Max: 24.00 hrs. Daily Min 14.00 hrs.
20 Days of 24 hour run time.- Off times due tank cycling and construction shut downs

MAY 2023 DISTRIBUTION:

G/G/LB BPS – 26.615 MG / Ave 0.859 MGD AVG (AVG 0.889 MGD in MAY 22)
MAX DAY PUMPING – 1.763 MG

HSP – 445.531 MG / Daily Avg of 14.372 MGD (AVG 13.455 MGD in MAY 22)
MAX DAY PUMPING – 18.440 MG

Total to Dist. Sys. – 472.146 MG / Avg 15.231 MGD (AVG 14.334 MGD in MAY 22)
TOTAL MAX PUMPING DAY – 19.712 MGD

Lincoln BPS: - 132.167 MG / Average of 4.263 MGD (Avg of 4.365 MGD in MAY 22)
MAX PUMPING DAY – 5.557 MGD

DAILY PEAK HOURLY DEMAND MAY 23 – Average Daily Peak Demand 16,439 gpm or 23.672 MGD
Minimum– 13,760 gpm – 19.814 MGD MAX – 20,340 gpm or 29.290 MGD

Sold Water: 439.565 MG (14.180 AVG MG / DAY) (**MAX Daily Sold 17.543 MG – MIN DAILY Sold 11.248 MG**) Sold for MAY 2023 for \$1,230,782.00 and Assessment Revenue - \$69,171.00 on count of 46,114 meters – **6.30% annual growth on meter count from MAY 22 vs MAY 23.** Total Revenue for MAY 2023 - \$1,299,953.00.

Sold in MAY 22 – 404.565 MG MAY 22 Meter Count – 43,380

Beaver Lake Levels - 5/01/23 - Level – 1127.76’ As of 6/1/2023 – 1124.16 – **- 3.03 ft.** Currently in flood pool by 2.73 feet. (Seasonal power pool top 1121.43’). Table Rock is currently at 917.02’ which is in its power pool by 0.02 feet (917’ top of seasonal power pool), and Bull Shoals is at 662.99’ which is in its flood pool by 0.99 feet (Top of seasonal power pool 622’).

Daily Metered Usage – MAY 23 - All reads x 1000 / Daily reads rounded to nearest 1000 – NOT FOR BILLING

Consumer Name	Designator	APRIL 2023 TOTAL x 1000	MAY 2023 TOTAL x 1000	MAY 2023 DAILY AVERAGE	MAY 2023 DAILY MINIMUM	MAY 2023 DAILY MAXIMUM
Bella Vista POA	B-32	27233	30004	968	562	1262
Benton County #1	B-3	3816	4628	149	114	173
Benton County #1	Rocky Ridge	24	26	1	0	4
Benton County #1	Sugar Creek	126	218	7	2	17
Benton County #1	Smith Ridge	6770	7467	241	180	303
Centerton Water	Herbaugh	0	1448	724	0	1240
Centerton Water	Bypass-72	26206	27519	888	496	1226
Centerton Water	Main -72	43863	46788	1509	1201	1975
Centerton Water	Keller	9339	10401	336	0	684
Decatur Water	B-42	12030	12944	418	369	476
Garfield Water	Sugar Creek	278	333	11	7	20
Garfield Water	Blueberry	843	983	32	25	45
Gateway Water	B-22	4794	5571	180	127	248
Gentry Water	Simmons	55850	60139	1940	137	2786
Gentry Water	B-9	27158	30604	987	768	1285
Gravette Water	B-7	13665	14447	466	103	788
Highfill Water	Tilly Hill	10034	10538	340	260	436
Highfill Water	Pepper Hill	239	390	12	6	28
Lincoln Water	Cobb	701	884	29	23	40
Lincoln Water	Rural	2339	2528	82	64	113
Lincoln Water	Main	26964	26851	866	578	1141
Lost Bridge Water	B-23	2856	3299	106	73	146
Pea Ridge Water	Brush Creek	2459	2924	94	79	118
Pea Ridge Water	Main	16922	20315	655	151	1121
Pea Ridge Water	Main Bypass	0	0	0	0	0
Prairie Grove Water	B-13	8554	8269	267	0	760
Siloam Springs Water	B-11	322	401	13	10	21
Siloam Springs Water	Allen Canning	0	1	0	0	0
Tontitown Water	B-37	17367	20675	667	540	896
Washington Water	Doc Hall	26889	28376	915	792	1086
Washington Water	Main	49647	54160	1747	1587	2024
Westville Water	B-19	4121	7568	244	137	368
DAILY TOTALS		401409	440699	14216	11248	17543
HSP & GGLB PUMPS		432953	472146	15230	10040	19712

SOUTH END

Lincoln Water	Cobb	701	884	29	23	40
Lincoln Water	Rural	2339	2528	82	64	113
Lincoln Water	Main	26964	26851	866	578	1141
Prairie Grove Water	B-13	8554	8269	267	0	760
Washington Water	Doc Hall	26889	28376	915	792	1086
Washington Water	Main	49647	54160	1747	1587	2024
Westville Water	B-19	4121	7568	244	137	368
TOTALS		119215	128636	4150	3355	5035
BOOSTER PUMP		123335	132167	4263	2313	5557

2023 BWRPWA MEETING CALENDAR

JUNE 1, 2023	MAY METER READS AND BILLING
JUNE 11 – 14, 2023	AWWA ANNUAL CONFERENCE – Toronto Canada
JUNE 22, 2023	BWRPWA BOARD MEETING
JUNE 26 – 29 2023	USEPA MDBP WORKGROUP MEETING – USEPA WASHINGTON DC - Borman
JUNE 28, 2023	ARKANSAS RURAL WATER OPERATOR EXPO – LONOKE AR
JULY 1, 2023	JUNE METER READS AND BILLING
JULY 4, 2023	OFFICES CLOSED - HOLIDAY
JULY 27, 2023	BWRPWA BOARD MEETING
AUGUST 1, 2023	JULY METER READS AND BILLING
AUGUST 31, 2023	BWRPWA 31 ST Annual Meeting and Regular Board Meeting
SEPTEMBER 1, 2023	AUGUST METER READS AND BILLING
SEPTEMBER 4, 2023	OFFICES CLOSED - HOLIDAY
SEPTEMBER 10-13 2023	ARWA ANNUAL CONFERENCE HOT SPRINGS
SEPTEMBER 14, 2023	USEPA MDBP Workgroup Meeting - Virtual
SEPTEMBER 25 – 28, 2003	National Rural Water Conference – Aurora CO
SEPTEMBER 28, 2023	BWRPWA BOARD MEETING
OCTOBER 1, 2023	SEPTEMBER METER READS AND BILLING
OCTOBER 5, 2023	USEPA MDBP Workgroup Meeting - Virtual
OCTOBER 15 - 17, 2023	SW Section AWWA Conference Lafayette LA
OCTOBER 22 – 25, 2023	AMWA Executive Management Conference – San Diego CA
OCTOBER 26, 2023	BWRPWA BOARD MEETING
OCTOBER 31, 2023	USEPA MDBP Workgroup Meeting - Virtual
NOVEMBER 1, 2023	OCTOBER METER READS AND BILLING
NOVEMBER 10, 2023	OFFICES CLOSED - HOLIDAY
NOVEMBER 16, 2023	BWRPWA BOARD MEETING
NOVEMBER 23-24, 2023	OFFICES CLOSED - HOLIDAY
NOVEMBER 28 – 30, 2023	USEPA NDWAC MEETING - Virtual
DECEMBER 1, 2023	NOVEMBER METER READS AND BILLING
DECEMBER 16, 2023	BWRPWA BOARD MEETING
DECEMBER 25-26	OFFICES CLOSED - HOLIDAY
DECEMBER 31, 2023	END OF FY 23
JANUARY 1, 2024	DECEMBER METER READS AND BILLING