

BETHLEHEM AUTHORITY  
BETHLEHEM, PA

WATER REPORT  
April 2022

Average Storage Capacity of Both Reservoirs - Current Month: 101.16%  
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 14.29 MGD

Precipitation\*: Apr 2022 / YTD 2022 Apr 2021 / YTD 2021  
7.05 in. 17.23 in. 3.08 in. 14.02 in.

\*Highest value of either Wild Creek or Penn Forest\*

DATE	H2O ELEVATION		CAPACITY			MGD TO WFP	RAINFALL	
	WC	PF	WC %	PF %	TOTAL %		WC	PF
04/01/22	820.39	1,000.96	101.00	101.00	101.00%	13.89	1.60	1.68
04/08/22	820.89	1,001.31	102.30	101.98	102.10%	13.91	2.97	3.18
04/15/22	820.43	1,000.95	101.10	100.98	101.00%	14.17	0.30	0.33
04/22/22	820.46	1,000.94	101.20	100.95	101.10%	14.56	1.64	1.79
04/29/22	820.27	1,000.77	100.70	100.47	100.60%	14.91	0.05	0.07
					101.16%	14.29	6.56	7.05

Wild Creek Reservoir Max Elevation 820.00 ft.  
Penn Forest Reservoir Max Elevation 1,000.60 ft.

Capacity % calculation based on available volume