

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
September 2024

Average Storage Capacity of Both Reservoirs - Current Month: 84.13%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 14.16 MGD

Precipitation*: Sept 2024 / YTD 2024 Sept 2023 / YTD 2023
1.30 in. 37.43 in. 6.80 in. 45.25 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
09/06/24	820.15	990.30	100.39	76.74	86.00%	14.17	0.01	0.01
09/13/24	820.15	989.11	100.39	74.63	84.80%	14.45	0.56	0.38
09/20/24	820.13	987.92	100.33	72.51	83.50%	14.50	0.01	0.01
09/27/24	820.15	986.78	100.39	70.48	82.20%	13.50	0.67	0.90
					84.13%	14.16	1.25	1.30

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

Capacity % calculation based on available volume