

BETHLEHEM AUTHORITY  
BETHLEHEM, PA

WATER REPORT  
April 2021

Average Storage Capacity of Both Reservoirs - Current Month: 100.60%  
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 15.14 MGD

Precipitation\*: Apr. 2021 / YTD 2021 Apr. 2020 / YTD 2020  
3.08 in. 14.02 in. 5.58 in. 16.31 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
04/02/21	820.39	1,000.96	101.00	101.00	101.00%	14.84	1.35	1.38
04/09/21	820.27	1,000.85	100.70	100.70	100.70%	15.19	0.06	0.06
04/16/21	820.25	1,000.82	100.60	100.60	100.60%	14.95	1.20	1.15
04/23/21	820.16	1,000.74	100.40	100.40	100.40%	15.13	0.08	0.10
04/30/21	820.16	1,000.71	100.40	100.30	100.30%	15.61	0.31	0.39
					100.60%	15.14	3.00	3.08

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

Capacity % calculation based on available volume