

## Hemlock and Canadice Lakes – City of Rochester Watershed Production and Climate Data- 2022

Month	Average Lake Levels (ft)		Total Spill Volumes (MG)			Total Plant Withdrawal	Precipitation Totals (Inches)			Watershed Yield (MG)	Avg. Air Temp (°F)*	
	Hemlock	Canadice	Hemlock Spills at 902.8 ft	Canadice into Hemlock Lake	Canadice into Hemlock Outlet	(MG)	Hemlock	Canadice	Springwater		Min	Max
Jan	902.77	1098.91	381.40	581.50	0.0	1152.67	2.09	2.58	NA	1108	9	30
Feb	902.59	1099.96	522.63	2040.06	0.0	1115.58	2.96	2.66	NA	2358	15	36
Mar	902.76	1098.91	284.86	205.07	0.0	1098.79	2.29	1.98	NA	909	25	48
Apr	903.07	1098.95	1196.59	658.61	0.0	1087.36	3.35	2.29	NA	2476	36	56

Note: Watershed yield is the amount of precipitation that falls within the watershed that ultimately flows into both lakes. Average air temperature data collected from NOAA weather station located at the filtration plant.

Watershed/Project Updates:

- <u>Phytoplankton</u>: Asterionella and Dinobryon are currently the most prevalent phytoplankton observed in Hemlock Lake.
- Lake Levels: Both lakes are currently at their spill elevations.