

Maximum Allowable Surface Water Withdrawals Based on Lake Orange Water Level

	Percent of Storage Remaining at Lake Orange	Drawdown in feet from top of 1-ft. flashboard	Allowable Surface Water Withdrawal (gallons per day)			Instream Flow Requirement at Hillsborough Gage (gallons per day)		
			Town of Hillsborough [†]	Orange-Alamance	Piedmont Minerals	From Lake Orange	From West Fork Eno Reservoir	Total Flow at Hillsborough Gage
	> 100	spilling	* [†]	*	**	1,100,000	650,000	1,750,000
Stage 1	100 - 80	0.0	1,510,000 [†]	820,000	430,000	1,100,000	650,000	1,750,000
Stage 2	80 - 60	2.0	1,360,000 [†]	740,000	380,000	650,000	650,000	1,300,000
Stage 3	60 - 50	4.3	1,280,000 [†]	700,000	360,000	450,000	650,000	1,100,000
Stage 4	50 - 40	5.8	1,280,000 [†]	700,000	320,000	450,000	650,000	1,100,000
Stage 5	40 - 30	7.4	1,130,000 [†]	620,000	190,000	0	650,000	650,000
Stage 6	<= 30	9.3	680,000 [†]	370,000	0	0	650,000	650,000

Notes:

[†] Allowable withdrawals for Hillsborough shown above do not include withdrawals of water supply releases from West Fork Eno Reservoir.

* - Adjusted to reflect outside source agreement for Hillsborough and Orange-Alamance.

- Excess withdrawals from Eno River based on outside source agreement may be made when flows at the Eno River at Hillsborough Gage are 10 cubic feet per second (cfs) and above, regardless of water level in Lake Orange. Maximum withdrawals shall be limited to the total of the contract amount and the allocated amount.
- A low flow period will begin on the 7th consecutive day of the average daily flow at the Hillsborough Gage dropping below 10 cfs. On the 4th day, the Orange County Engineer will request that affected parties prepare for a low flow period.
- When flows are between 10 cfs and 3 cfs at the Hillsborough Gage during a low flow period, withdrawals from the Eno River shall be limited to the Stage 1 amount shown above (100-80 percent of storage remaining), regardless of water level in Lake Orange.
- When flows are below 3 cfs at the Hillsborough Gage during a low flow period, withdrawals shall be limited to amounts shown above for percent of storage remaining at Lake Orange.
- A low flow period will be terminated when average daily flow at the Hillsborough Gage registers 10 cfs or greater for a period of 7 consecutive days. The Orange County Engineer will notify affected parties when the low flow period is terminated.

**For Piedmont Minerals: When flows at the Hillsborough Gage are 14 cfs and above, withdrawals from the Eno River will be limited to 900,000 gallons per day (gpd). Between 14 cfs and 4 cfs, withdrawals will be limited to 430,000 gpd, regardless of water level in Lake Orange. Below 4 cfs, withdrawals will be limited to amounts shown above for percent of storage remaining.