



July 16, 2022

Mr. Edward Merchant, PE
Land Development Director
Toll Brothers, Inc.
116 Flanders Road, Suite 1200
Westborough, MA 01581

Dear Mr. Merchant:

Irrigation Consulting, Inc. has reviewed the temporary irrigation requirements for the Willows of Boxford development in Boxford, Massachusetts. The irrigation system will water approximately 1.06 acres from the existing farm pond.

Water use is estimated at 35,979 gallons per week (1 inch per week at 80 percent efficiency). During grow in of the initial landscape, the actual water use may approach 54,000 gallons per week.

Under normal conditions the temporary irrigation will use approximately 11,993 gallons per day watering on a 3 day basis (every other day). On a 7 day basis, water use would be 5,140 gallons per day.

Required flow (pumped water) from the pond would be 30 gpm for up to 8 hours during an irrigation cycle when watering 3 days per week.

If you have any questions, please do not hesitate to contact our office.

Sincerely,

Brian E. Vinchesi, LEED AP, CID, EIT
Design Engineer