
RE: [EXTERNAL] Fw: Young Development - 2190-2220 Wehrle Drive - Comp Plan Amendment [BCPA-2025-01] - Town of Amherst - 10023.18

From William W. Wheeler <wwheeler@ecwa.org>

Date Tue 10/21/2025 9:37 AM

To Patrick Sheedy <PSheedy@carminawooddesign.com>; Leonard F. Kowalski <lkowalski@ecwa.org>; Adam R. Massaro <amassaro@ecwa.org>

Cc Sean Hopkins <shopkins@hsmlegal.com>; Marc A. Bellacose <mbellacose@ecwa.org>; Michael J. Quinn <mquinn@ecwa.org>

Patrick,

ECWA has supplied enough information to determine the impact of the proposed development on the existing water system infrastructure. We have supplied the projected pressure impacts the development would have on the surrounding community (1.5 square mile area) for both average day and maximum day demands. The pressure impacts were minimal under both conditions. In addition to pressure impacts, we provided the projected impacts the development would have on available fire flow. The model predicted a minimal impact to the available fire flow with the addition of the developments water demands. The available fire flows provided are developed through a series of 500 simulations of varying demands while maintaining a residual pressure of >20 psi within ECWA Pressure Zone 0 (~60% of the County). If additional hydraulic analyses are required that is on the Developer or Engineering Consultant as we are not a design firm.

The ECWA evaluates the potential impact of every large project that is submitted for review under SEQR to ensure we can meet our service requirements. If the potential development has a negative impact on the operations of our distribution network those concerns will be identified in our comments under SEQR.

Regards,

-Bill

William W. Wheeler, PE

Director of Planning & Water Supply



Erie County Water Authority

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