

EXISTING WASTEWATER MANAGEMENT CONDITIONS AND PROJECTED GROWTH

This section focuses on wastewater information for the existing centralized sewer system in Concord. It is important to note that only 30% to 35% (once all Phase 1 connections are on-line) of the developed parcels in Concord are connected to the centralized sewer system. The remaining developed parcels in Town rely on some form of on-site system (most commonly septic systems, governed by Title 5, the State Environmental Code) to manage and dispose of their wastewater. On-site systems are capacity limited based on specific site conditions and must be evaluated on a case-by-case basis. Capacity in the centralized sewer system, however, is limited by a federal permit and can be evaluated using readily available data.

Specific issues addressed in this planning process pertaining to wastewater management relate predominantly to the current status of remaining capacity in the centralized sewer system and wastewater treatment plant (WWTP). Certain assumptions were made as part of the previous CWMP effort regarding future wastewater flow generation and allocation to the centralized system. A few years have passed since those wastewater flow calculations were completed, and the Town has completed the implementation of Construction Phase 1 of the CWMP Recommended Plan. A comparison of the planning level assumptions to this current information provides valuable insight on the sensitivity of the assumptions and a better perspective on future flow trending.

PHOTO: ELENA PROAKIS ELLIS (CPW)



EAST CONCORD (PHASE 1) SEWER PUMP STATION, 2007.