

Project Narrative – 5 Dawson Road, Worcester MA

The proposed project's goal is to repair/upgrade the septic system located at and servicing 5 Dawson Road, Worcester MA while also providing wetland resources located on site protection throughout the entirety of the project to the maximum extent feasible.

An existing 3-bedroom single family home sits centrally and to the front of the lot, Tatnuck Brook flows through the lot behind the house. Its existing septic system did not pass Title 5 inspection as it is a non-conforming cesspool. Due to easement constraints on the left side of the lot and Tatnuck Brook cutting through the lot behind the home, soil testing was performed in the front yard, yielding results of a class I soil, 2 MPI. A design is pending approval by the City of Worcester Health Department which includes Local Upgrade Approvals allowing for placement in the front yard (please see design plan with revision dated 5/8/2024).

Construction will begin only after all erosion control barriers are set in place, establishing the proposed limit of work. Using an excavator, likely a mini, the existing septic system will be removed/filled per Title 5. Plumbing inside the home will need to be rerouted to come straight out the front corner of the basement wall. All septic components are being placed outside of Tatnuck Brook's 50 ft buffer zone. When layout of the leach area and all system piping is connected, the system will be surveyed for as-built conditions. A passing final inspection by the City of Worcester Health Department will lead to the backfilling of all system components and leach area. All disturbed areas will then be loamed and seeded with erosion control barriers remaining in place until the area is deemed stabilized.