

## **Sewer Assessment Technical Advisory Committee - 2009**

The Sewer Assessment Technical Advisory Committee continued to investigate the suitability of potential sites for wastewater disposal, as this is the limiting factor in developing a decentralized wastewater treatment system for the central portion of the Route 20 business district.

The committee was unsuccessful in its grant applications, in partnership with the Charles River Watershed Association, to the Sudbury Foundation and DEP for a town-wide study to identify land within the town which is critical to long-term environmental sustainability, identify land appropriate for wastewater effluent recharge, and assess water balances within the town to determine current impacts and their resolution. Since an earlier grant application had also failed, the decision was therefore made to proceed with soil investigations of three parcels already preliminarily identified as having potential for subsurface wastewater disposal.

In response to a Request for Quotation, the Town engaged Weston & Sampson Engineers Inc. of Peabody, MA to conduct soil investigations of two municipal parcels, Haskell Field and the Curtis Middle School, and a privately owned parcel at 293/301 Old Lancaster Road and prepare a preliminary assessment of their suitability for subsurface wastewater disposal. The field investigations were conducted in August, 2009. While significant limitations with respect to subsurface disposal of large flows were identified at the Haskell Field and Old Lancaster Road sites, the Curtis Middle School site was identified as potentially having the needed capacity. Further analyses of the soil suitability and other potential limitations at this site are ongoing.

Once a suitable location is identified, the committee will move forward with the preparation of a Project Evaluation Report and investigate collection and treatment options. Commensurate with this process will be an environmental review in accordance with the requirements of the Massachusetts Environmental Policy Act (MEPA).

Submitted by: Route 20 Sewer Assessment Technical Advisory Committee