

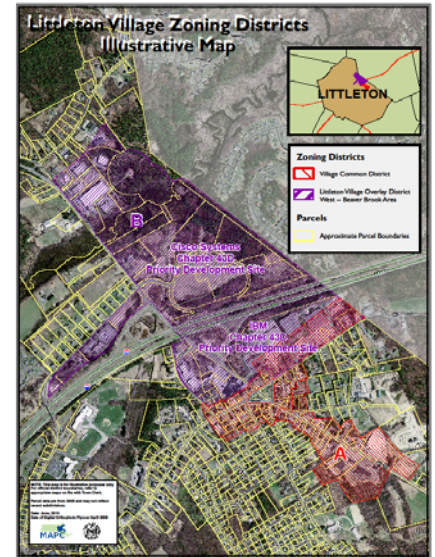
Smart Sewering for Small Communities: an Intro & Survey!

Read more about Smart Sewering here, then take our survey at <http://LittletonSmartSewering.surveyconsole.com> to tell us what you think!

What is Smart Sewering? It Starts with Good Planning...

The Town of Littleton, MA has created two new districts in the downtown area for the purpose of directing new growth to these areas. The two areas encompass a majority of the Town's denser development of commercial, retail, industrial, and other business-type uses.

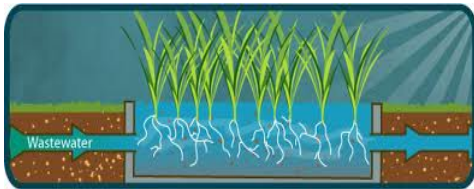
In order for the community to ensure that any new growth and redevelopment are in keeping with the character of the existing buildings and the feel of the area, the Town has partnered with the Charles River Watershed Association (CRWA) to study innovative approaches to wastewater management, treatment, and reuse...[Smart Sewering](#). Natural System Utilities (NSU) was hired to assess how the use of limited water infrastructure may benefit the technical and economic feasibility of development in the new downtown district. Additionally, NSU is evaluating the potential for energy generation at existing facilities in the Town and the surrounding area.



...then Integrates Services for Economic, Environmental & Social Benefits (a Triple Bottom Line)

In many U.S. communities, large regional wastewater systems have been the traditional approach to sewerage when government support was available and major contamination problems existed. This conventional "big pipe" approach has the unfortunate consequences of fostering large scale and often haphazard development that does not fit community scale, disturbing local water balance, and causing diminished water quality.

An innovative approach to provide the necessary services and not harm the environment is to construct small, local treatment systems that work with nature to clean waste water and either return it to the ground where it came from, or reuse it for a number of applications indoors and outdoors. In the end, these systems cost less to maintain and allow well planned growth to occur when and where it is desired.



A word about "Natural Systems"
A natural system uses plants to reach the same end-product as a structural system...
Clean Water!



Littleton's Smart Sewering Project

This project started with a Stakeholder's Workshop with members of the Town's Sewer Feasibility Study Committee, members of the Town's Planning Board, CRWA staff, and Town staff. At the workshop, NSU gained local knowledge about the Town's goals for growth and for preservation and the group began strategy discussions around innovative solutions to water and wastewater challenges in Littleton.

Stakeholders determined the following *preliminary goals* for a Smart Sewering Strategy in the new downtown districts:

1. Improve quality and choice of retail and commercial establishments to promote economic advantages.
2. Promote a mix of uses on sites that are currently vacant or are slated for redevelopment.
3. Provide sound alternative solutions for failing or aging septic systems in these districts.
4. Preserve rural character of the Town.
5. Protect wildlife habitat and biodiversity in natural areas of the downtown districts.

Think about these questions:

- How important is it for the selected treatment system to have little impact on your taxes and utility bills?
- How important is it for the treatment system to protect green spaces by not covering over open spaces?
- How important is it for the treatment system to blend in with the existing community?

To make sure the end result satisfies the Town's needs, [and the triple bottom line](#), the Town would like to hear your opinion about the importance of smart sewerage strategies to address YOUR concerns. Take the survey to give us your feedback!

Now we need YOU!

Continue to check the Town's website for additional meeting dates and information about Smart Sewering!