



## DECENTRALIZED WASTEWATER TREATMENT: A SENSIBLE SOLUTION

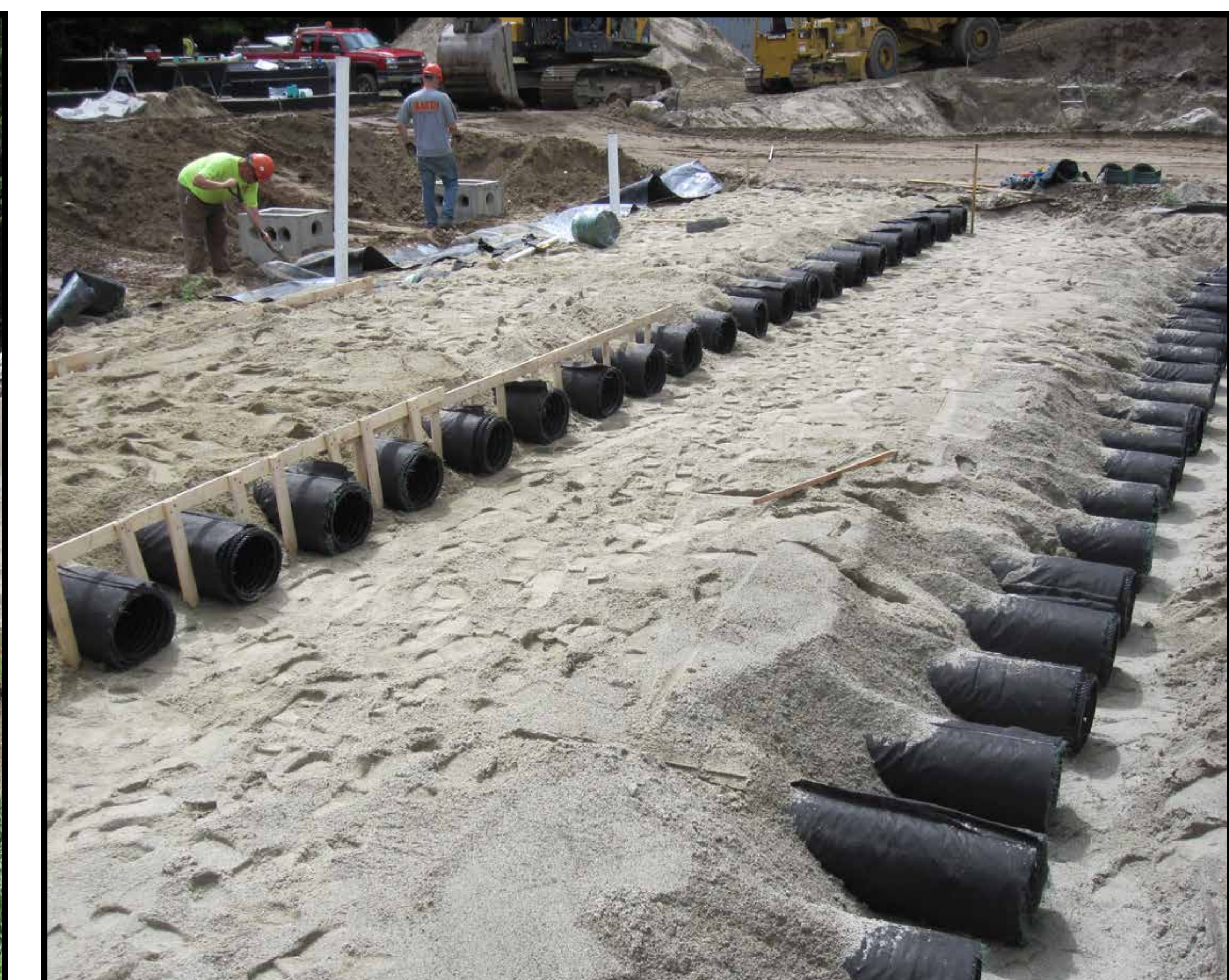
### FOR MANY COMMUNITIES, DECENTRALIZED TREATMENT CAN

- **Promote** business and job opportunities
- **Benefit** water quality and availability
- **Respond** to growth while preserving green space
- **Be safe** in protecting the environment, public health, and water quality

### WHERE IT HAS WORKED

*Newbury, NH*

The Blodgett Landing Treatment Plant is a 50,000 GPD facility that provides passive advanced treatment and dispersal with denitrification. The growing town of Newbury, NH, was required to meet stringent treatment levels on a tight budget. Due to the location, it was critical that the system could provide consistent results during cold weather operation. The town chose to build a decentralized community system to serve 155 homes around the sensitive lake environment. Newbury has been able to exceed treatment standards while keeping overall costs down for their taxpayers.



### WHAT IS DECENTRALIZED WASTEWATER TREATMENT?

#### *Promote business and job opportunities*

Decentralized wastewater treatment consists of a variety of approaches for collection, treatment, and dispersal/reuse of wastewater for individual dwellings, industrial or institutional facilities, clusters of homes or businesses, and entire communities.

#### *Respond to growth*

These systems are a part of permanent infrastructure and can be managed as stand-alone facilities or be integrated with centralized sewage treatment systems. They provide a range of treatment options from simple, passive treatment with soil dispersal, commonly referred to as septic or onsite systems, to more complex and mechanized approaches such as advanced treatment units that collect and treat waste from multiple buildings and discharge to either surface waters or the soil.

### WHY DECENTRALIZED WASTEWATER TREATMENT?

Decentralized wastewater treatment can be a smart alternative for communities considering new systems or modifying, replacing, or expanding existing wastewater treatment systems.

