

## Geotechnical Investigation Methods

### Drill Rig

The standard method for geotechnical investigations, a machine is used to drill below the ground surface to determine the presence of rock. This process involves drilling a hole roughly 4 inches in diameter and upward of 30 feet deep.



### Refraction Microtremor (ReMi)

This alternative method uses seismic vibrations to generate a profile of the subsurface conditions.



### Sign up for mobile text notifications

We are now offering text alert notifications for those interested in receiving up-to-date information throughout the project. To sign up for these alerts, text **littlehopecreek** to **844-753-0614**.



5100 Brookshire Boulevard  
Charlotte, NC 28216

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# Field Work Is Coming to Your Area Soon

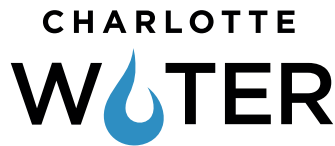
## Little Hope Creek



## Wastewater Improvement Project

JANUARY 2021





January 14, 2021

SUBJECT: **Surveying and Field Work as Part of Upcoming Wastewater Project**  
(Little Hope Creek Wastewater Improvement Project)

Dear Customer:

Charlotte Water is conducting preliminary engineering work in your area for an important wastewater pipe replacement project that will expand the future capacity of the wastewater system in your area.

Beginning in late January/early February, subcontractors for Charlotte Water will be surveying and conducting field work along Phase 3A and a portion of Phase 3C of the Little Hope Creek Wastewater Improvement Project (see map). This letter is to notify you that crews may be working on or near your property on one or more occasions. During this time, it may be necessary for Charlotte Water and its subcontractors to be on your property to visually confirm the location of some underground utilities. Their activities should not inconvenience you in any way. All field crew are instructed to wear identifying clothing (i.e., companies' logo or a safety vest) to identify themselves.

In addition to personnel, residents could see minor clearing activities in the area, survey stakes/flags, paint markings on the ground and machinery used for geotechnical borings. These borings involve drilling a hole roughly 4 inches in diameter, and upward of 30 feet deep to determine the presence of rock in the area. In areas inaccessible for the drill rig, the refraction microtremor (ReMi) method will be used (see reverse side). We also ask that residents do not remove the survey stakes and flags as they are critical to completing the design of this project. A list of companies that are involved with this project is included below:

- Black & Veatch International Company
- Park Construction of NC
- Capstone Civil Group
- Tidemark Land Services
- Summit Environmental
- Carolina Wetlands Services
- Gulf Coast Property Acquisitions

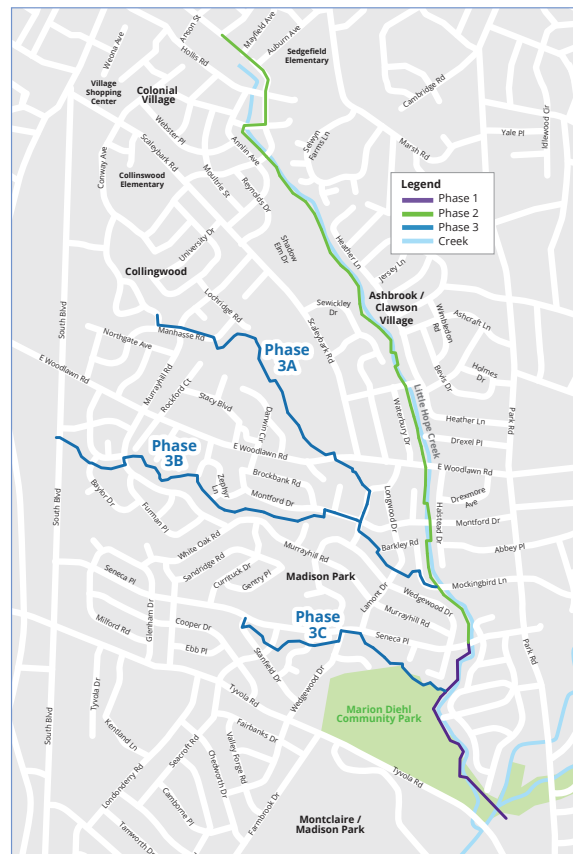
This work is expected to begin in late January/early February and take 1-2 months to complete. Additional information on the project can be found on Charlotte Water's website at: [www.charlottewater.org](http://www.charlottewater.org), click on projects, then construction (or by visiting [bit.ly/LittleHopeCreek](http://bit.ly/LittleHopeCreek)). Additionally, we are now offering text alert notifications on project progress (see reverse side for details).

I am your source of information for this project. Please call me at 980-219-9488 if you have questions. If we determine that this project will have any direct impact on your property, we will notify you further as the project progresses.

Regards,

Stephen Scott, PE  
Project Manager

Charlotte Water  
[Stephen.Scott@charlottenc.gov](mailto:Stephen.Scott@charlottenc.gov)  
980-219-9488



Charlotte Water 5100 Brookshire Blvd, Charlotte, NC 28216 [charlottewater.org](http://charlottewater.org)



Operated by the City of Charlotte