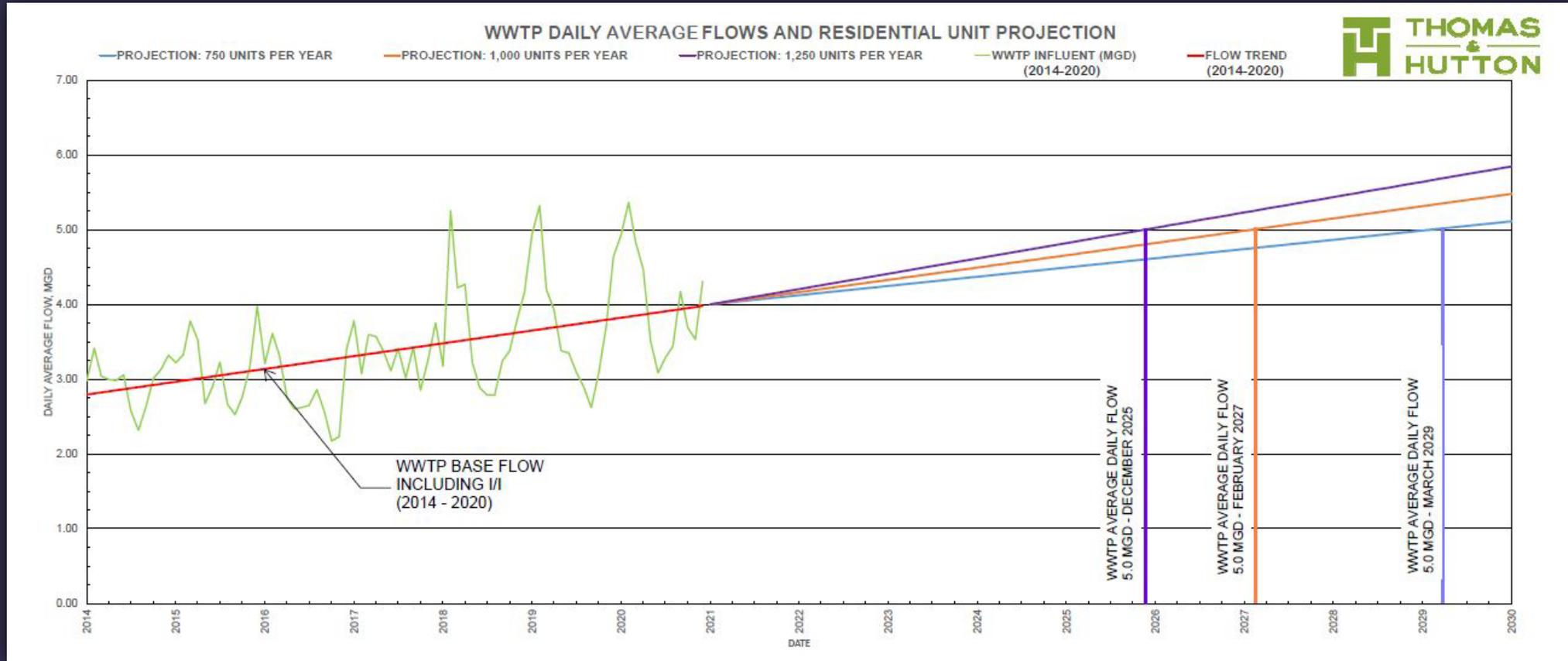


# Project SWIFT

BOMA Update – September 6th, 2022



# The Time to Invest is Now

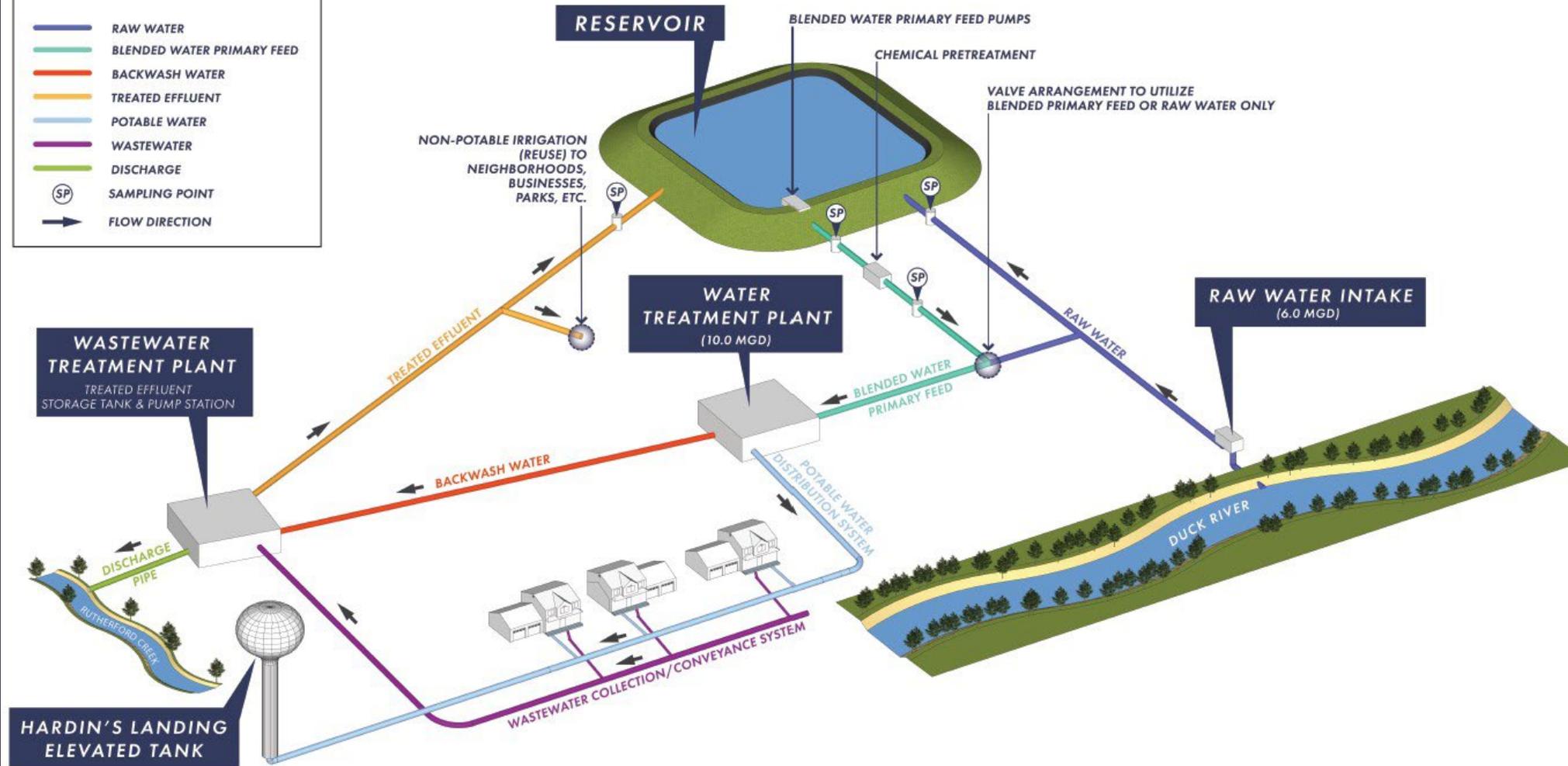


Excellence is NEVER an accident.

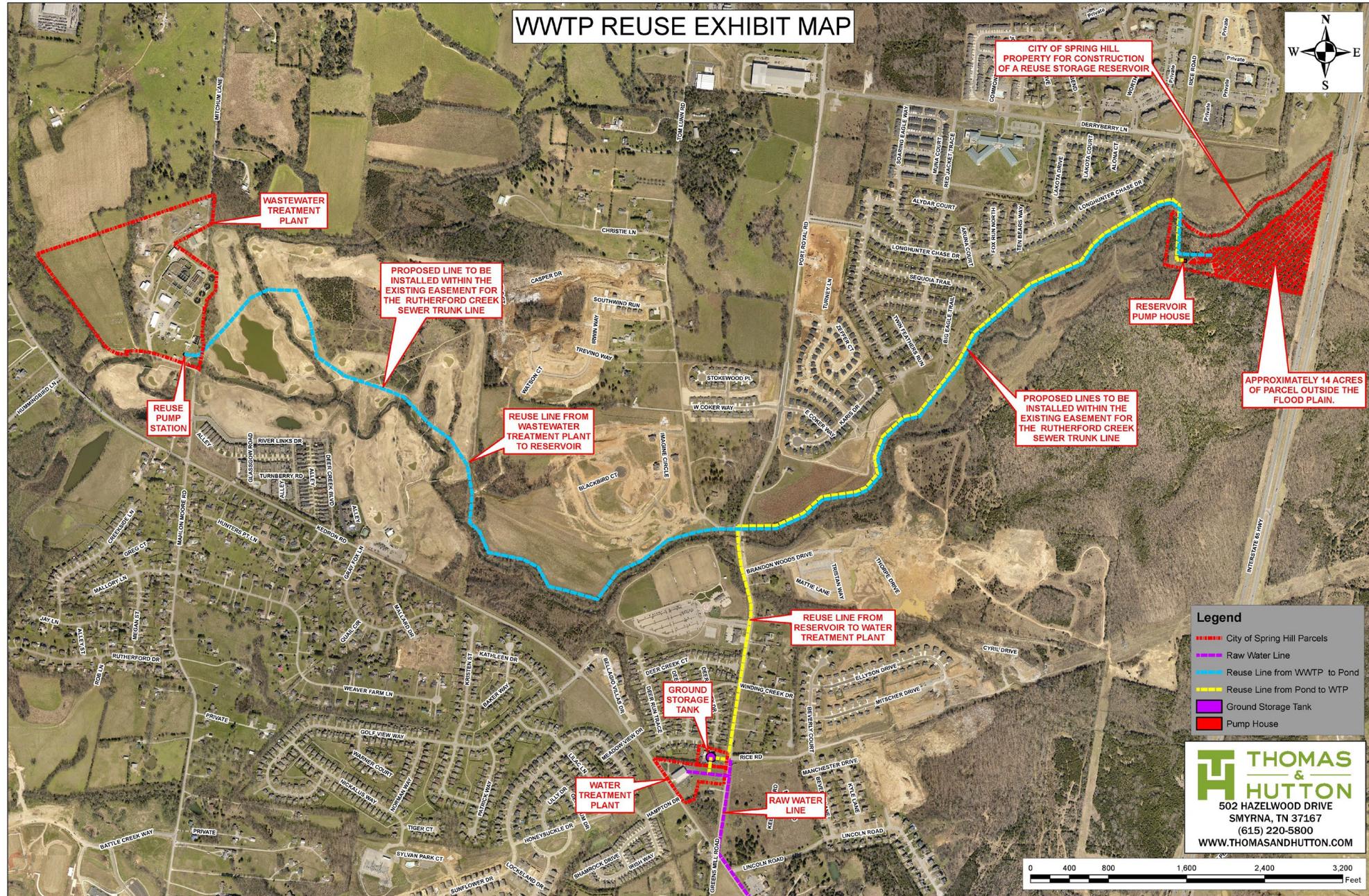


**LEGEND**

- RAW WATER
- BLENDED WATER PRIMARY FEED
- BACKWASH WATER
- TREATED EFFLUENT
- POTABLE WATER
- WASTEWATER
- DISCHARGE
- SAMPLING POINT
- FLOW DIRECTION



# WWTP REUSE EXHIBIT MAP



WASTEWATER TREATMENT PLANT

REUSE PUMP STATION

PROPOSED LINE TO BE INSTALLED WITHIN THE EXISTING EASEMENT FOR THE RUTHERFORD CREEK SEWER TRUNK LINE

REUSE LINE FROM WASTEWATER TREATMENT PLANT TO RESERVOIR

REUSE LINE FROM RESERVOIR TO WATER TREATMENT PLANT

WATER TREATMENT PLANT

GROUND STORAGE TANK

RAW WATER LINE

CITY OF SPRING HILL PROPERTY FOR CONSTRUCTION OF A REUSE STORAGE RESERVOIR

RESERVOIR PUMP HOUSE

PROPOSED LINES TO BE INSTALLED WITHIN THE EXISTING EASEMENT FOR THE RUTHERFORD CREEK SEWER TRUNK LINE

APPROXIMATELY 14 ACRES OF PARCEL OUTSIDE THE FLOOD PLAIN.

- Legend**
- City of Spring Hill Parcels
  - Raw Water Line
  - Reuse Line from WWTP to Pond
  - Reuse Line from Pond to WTP
  - Ground Storage Tank
  - Pump House

**THOMAS & HUTTON**  
 502 HAZELWOOD DRIVE  
 SMYRNA, TN 37167  
 (615) 220-5800  
 WWW.THOMASANDHUTTON.COM



# Carollo's Potable Reuse Expertise & Experience

Carollo is the industry-recognized leader in potable reuse through planning, pilot testing, design, and implementation of advanced water purification processes.

## FIRM PROFILE

At Carollo, water is all we do, and we do all water like no one else. What

**WATER**  
OUR FOCUS  
OUR BUSINESS  
OUR PASSION

does this focus mean for you? Uncompromising expertise across a vast range of services. A smart,

experienced and innovative staff passionate about what they do. With Carollo on your team, you will be collaborating with the best in the industry—professionals who are passionate about the success of Spring Hill and bring innovative solutions to global issues with water supply.

With 1,300 staff across more than 50 offices, Carollo brings a breadth and depth of expertise across all facets of water management. For more information about the suite of water services we provide, please visit <http://carollo.com/expertise>.

We serve clients and communities from a few thousand to a few million from all around the country. Proposed project team members Eva Steinle-Darling and Andy Salvesson have been leading applied research, planning, pilot testing, and design work for potable reuse in many different states from California to Utah, Texas, and Florida. Pranjali Kumar was responsible for managing

our international award-winning demonstration project in Altamonte Springs, Florida, and is now supporting similar projects around the State of Florida and beyond.

## ADAPTING PROVEN PROCESSES TO INNOVATIVE APPLICATIONS

Carollo's experience ranges from designing and operating small pilot-scale water purification facilities (20 liters per minute) to regional evaluations of water management and water supply.

We understand the technical challenges and community sensitivities of sourcing drinking water from nontraditional sources of supply. For example, our team is leading planning level work in San Francisco to find new water through direct potable reuse (DPR), facing a challenging public that has for years relied upon one of the most protected (and tasty) water supplies from the Hetch Hetchy Valley. Adding purified recycled water, no matter how high the quality, is a public outreach challenge.

## Advanced Treatment

Our team is leading or assisting with the most challenging advanced treatment projects on the planet, including direct potable reuse in Big Spring, Texas, and El Paso, Texas, 100 percent water reuse in Los Angeles, California, and advanced purification for water reuse for Mekorot in Israel, along with many other potable reuse projects in between.

## By the Numbers

**300+**  
Recycled water and reclamation projects

**100+**  
Billion liters of recycled water each year

**60+**  
Potable reuse projects over the past 10 years

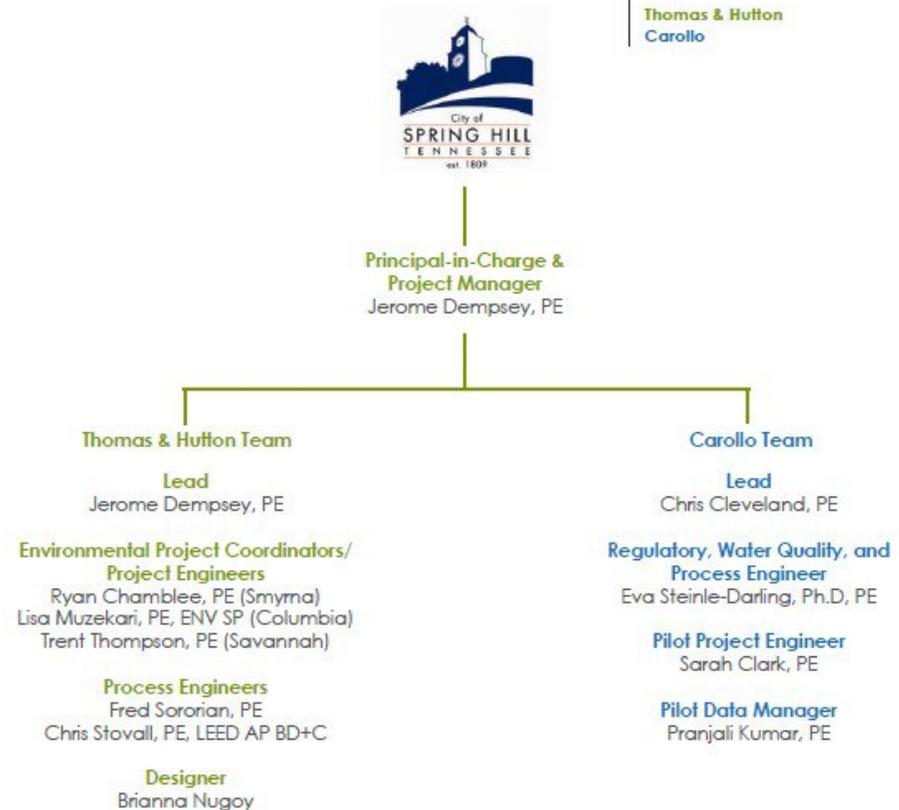
**7+2**  
Helped develop reuse guidelines and regulations for 7 US states PLUS the National Water Research Institute PLUS the World Health Organization



## PROJECT ORGANIZATIONAL CHART

### KEY

Thomas & Hutton  
Carollo



# Next Steps

- Authorize Funding for Pilot Study
- Authorize Staff to enter negotiations for Water Withdrawal Permit
- Authorize Staff to Negotiate Donation of Meadowbrook Open Space

