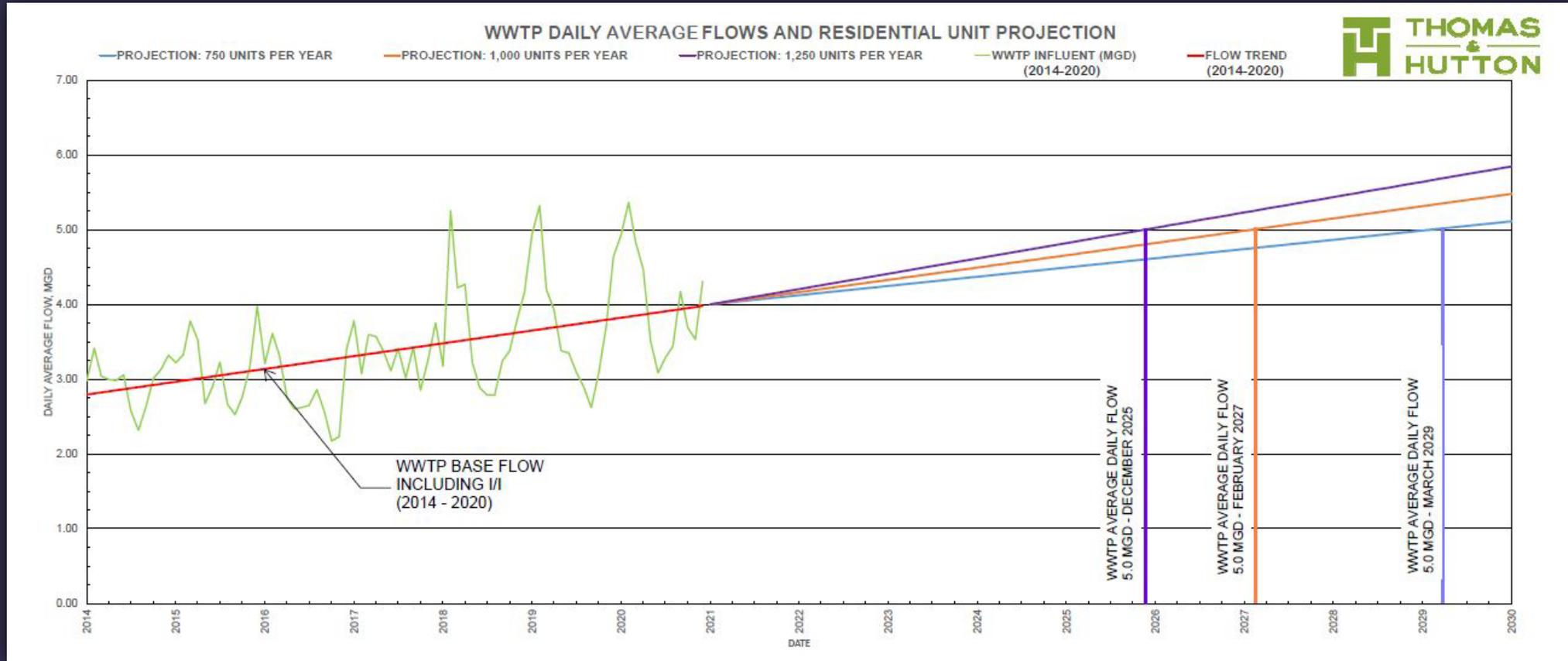


Project SWIFT

BOMA Update – September 6th, 2022



The Time to Invest is Now

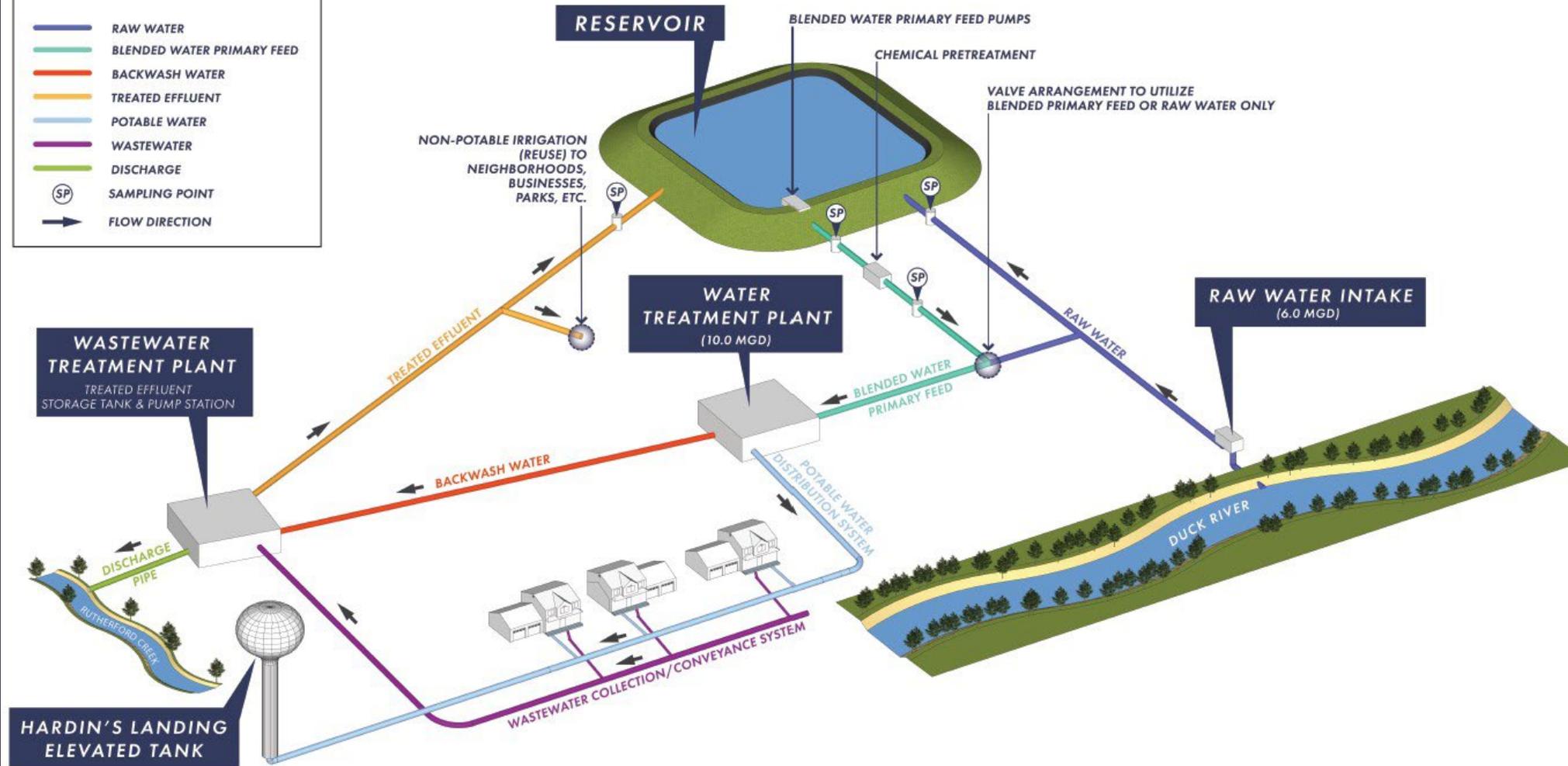


Excellence is NEVER an accident.

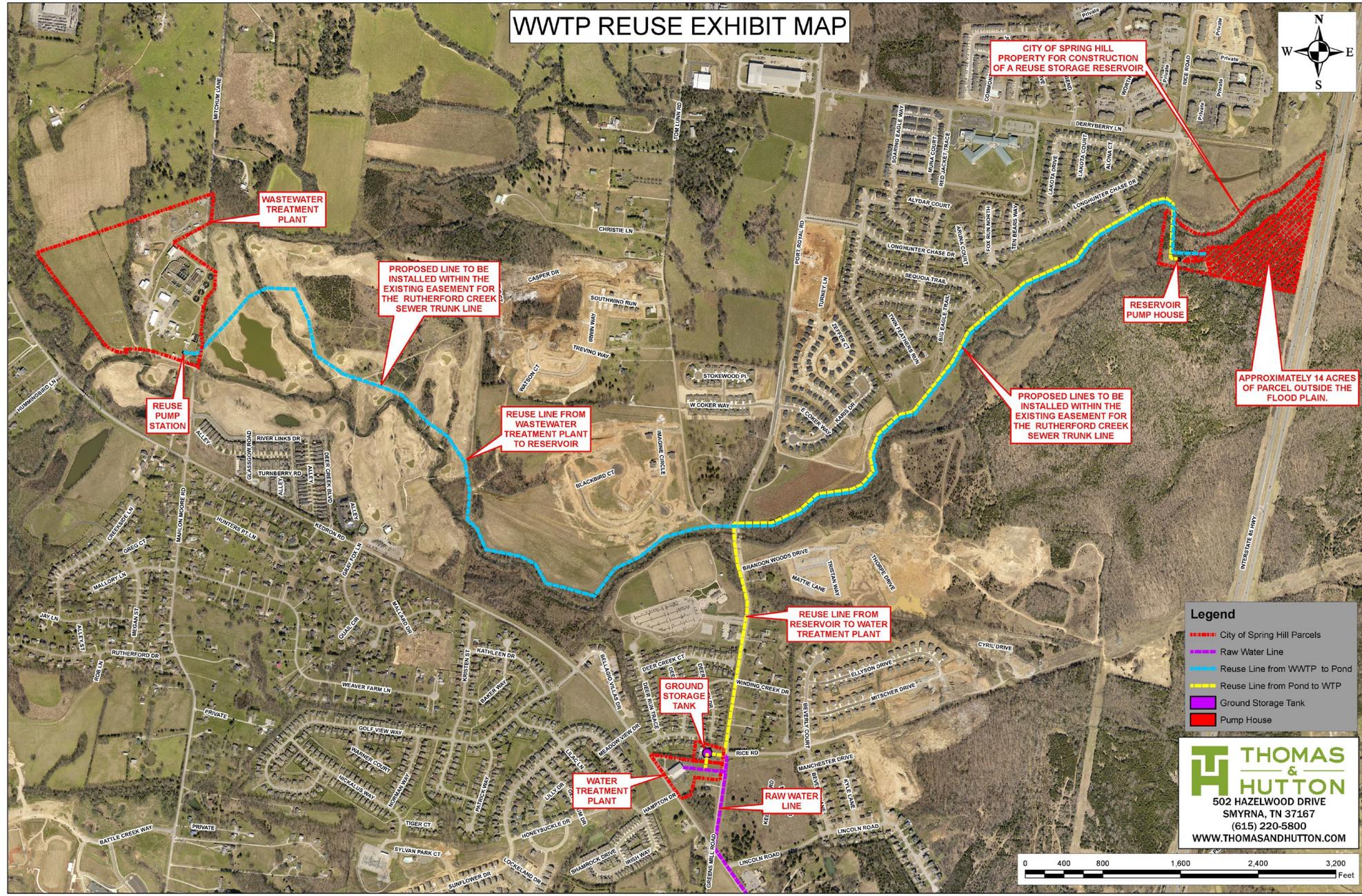


LEGEND

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



WWTP REUSE EXHIBIT MAP



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

WASTEWATER
TREATMENT
PLANT

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

REUSE
PUMP
STATION

REUSE LINE FROM
WASTEWATER
TREATMENT PLANT
TO RESERVOIR

RESERVOIR
PUMP HOUSE

APPROXIMATELY 14 ACRES
OF PARCEL OUTSIDE THE
FLOOD PLAIN.

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

REUSE LINE FROM
RESERVOIR TO WATER
TREATMENT PLANT

GROUND
STORAGE
TANK

WATER
TREATMENT
PLANT

RAW WATER
LINE

- 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

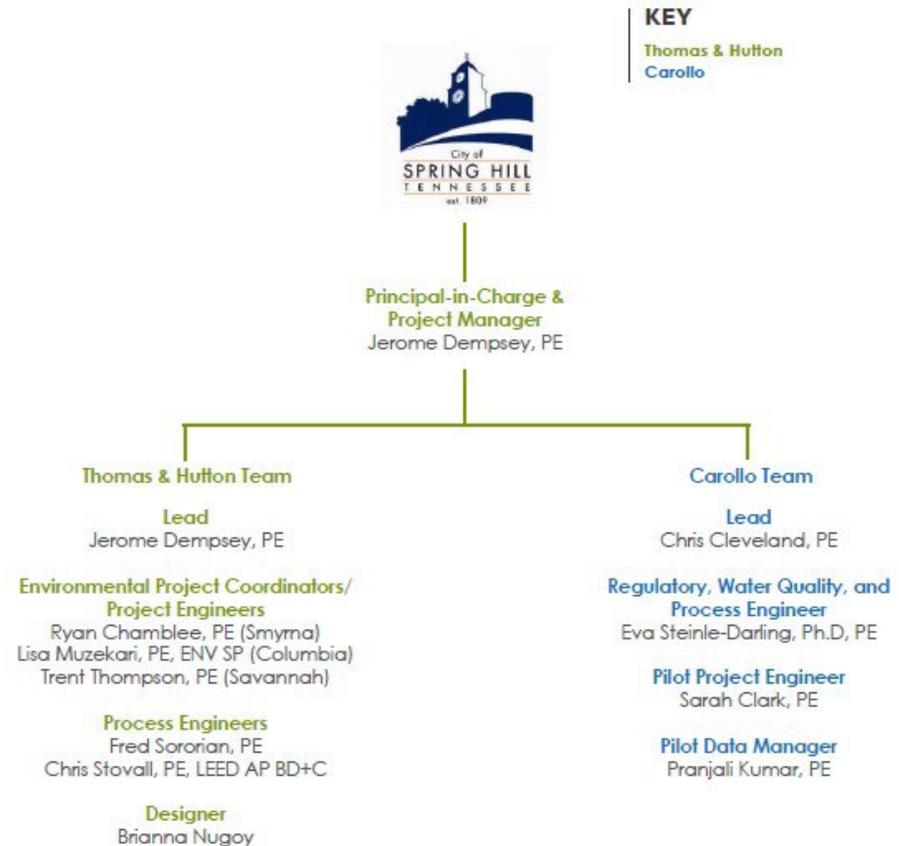
100+
Billion liters of recycled water each year

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



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

