

The Department of Civil and Environmental Engineering at the University of Houston presents...

The CIVE 6111 Graduate Seminar Series

The Story of Houston's Delivery of the Largest Water Treatment Project in the U.S.



Paul Walker
Senior Vice President
Carollo Engineers, Inc.

Friday, April 19, 2019
2:45PM-3:45PM
Classroom Business Building (CBB)
Room 118

Abstract

The City of Houston is midway through the delivery of the nation's largest water treatment project: the \$1.75B expansion to the Northeast Water Purification Plant. When complete in 2025, this new facility will deliver 320 million gallons per day of treated surface water to over 2.3 million citizens in Harris and Fort Bend Counties. This presentation will overview the treatment processes that will be used to provide reliable and continuous treatment for an extremely challenging source of supply. The challenges and solutions to delivering this large and complex project using a progressive design build model will also be discussed. An overview of the construction activities will be provided.

Project website: www.greaterhoustonwater.com

Bio

Paul Walker is a Senior Vice President with Carollo Engineers, Inc., and he serves as the project advisor to the City of Houston for the project. He holds a B.S. and M.E. in Civil Engineering and an M.S. in Fishery Resources/Limnology. For 25 years, he has served clients throughout the US with the planning, design, and construction of water supply and treatment projects.