Sycamore Creek WWTP Tour – Thursday, May 9, 2019

WHO: SWOWEA members and anybody interested (YPs and Non-YPs welcome)
WHAT: Free Tour of the MSDGC Sycamore Creek WWTP – ***1.5 Contact Hours***
Happy Hour at Village Tavern to follow
WHEN: **Thursday, May 9, 2019**
Plant Tour – 3:00 to 4:30 PM

WHERE: Sycamore Creek WWTP – 9273 Old Remington Road, Loveland, OH 45140
Village Tavern 9390 Montgomery Road, Cincinnati, OH 45242
Public parking for Village Tavern 9431 Shelly Ln, Cincinnati, OH 45242

Join the SWOWEA YP Committee for a **FREE TOUR of the MSDGC Sycamore Creek WWTP** (with 1.5 contact hours) on **Thursday, May 9 beginning at 3:00 PM**.

Meet at the Sycamore Creek WWTP Lunch Room (see map below). We will learn about the facility's treatment processes, history, and operations. Make sure you bring you Core ID Number with you for your Contact Hours!

Please wear pants and close-toed shoes.

Following this tour, come to **Village Tavern** to get to know your fellow SWOWEA members at a happy hour sponsored by **Hazen and Sawyer and Burgess & Niple**. You do not need to attend the tour to come to happy hour.

Please forward to anyone who may be interested! If you have any questions, contact Lindsey Hassenauer at lhassenauer@hazenandsawyer.com or Chris Zdinak at Christoper.Zdinak@cincinnati-oh.gov.

SPONSORS:

Site map and parking location:

In the early 2000's Sycamore Creek WWTP was issued an NPDES permit containing Phosphorus and Ammonia removal limits. The existing infrastructure was modified to an A_2O BNR treatment process. The former primary tanks were modified to provide an anaerobic environment. The Influent side of the aeration tanks were modified to create an anoxic environment. An oxygen rich environment follows the two oxygen deficient zones. The goal of the process is to oxidize all ammonia to nitrates and capture all phosphorus in the solids. The tour will cover the chemical and biological process of BNR, instrumentation and field tests operations use to make process changes, maintenance challenges to critical equipment, how Sycamore Creek WWTP was retrofitted to comply with the new nutrient limits, and how the process deviates from a traditional A_2O process.