COURSE: Fundamentals of Secondary Treatment

As the name would imply, this course picks up the journey of wastewater as it travels through the plant right after Primary Treatment.

Secondary clarification signifies the end of the biological treatment portion of wastewater treatment. Often referred to as ‘polishing’, it is the last component of the solids removal process and happens just before tertiary treatment or disinfection, depending on the process employed by the individual plant.

This course offers a thorough examination of the process and provides strategies and tools necessary to address the operation of this segment of treatment.

TOPICS COVERED:
- Overview of Secondary Clarifiers
- Aeration
- Oxidation Ditches
- Wastewater Stabilization Ponds
- Sampling and Analysis
- Rotating Biological Contactors (RBC’s)
- Trickling Filters
- Secondary Treatment Effluent
- Common Calculations & Practice Problems

IEPA Course # 14730

CEU’s: 4.5

Date: December 10, 2019

Location: Greater Peoria Sanitary District
2322 South Darst Street, Peoria, IL.

Time/Agenda:
- 8:00 am – 8:30 am: Registration
- 8:30 am – 12:00 pm: Class
- 12:00 pm – 1:00 pm: Lunch (provided)
- 1:00 pm – 2:00 pm: Review and Exam
- 2:00 pm – 3:00 pm: Plant Tour

Cost: $30 per person