

OPERATOR TRAINING PROGRAM

ILLINOIS PROGRAM



COURSE: Fundamentals of Preliminary & Primary Treatment

The path of wastewater is a long and winding one, beginning at its source (domestic, commercial & industrial) and ending with its clean, safe return to surface water or groundwater where it can take its place in the hydrological cycle. This course picks up the journey of wastewater as it arrives at the plant (influent).

The treatment of wastewater includes many crucial components. Improper, ineffective, inefficient handling of influent leads to a multitude of problems as the process continues.

This course examines many of the hurdles that must be overcome (the what, when, how) and provides strategies and tools necessary to address those hurdles.

TOPICS COVERED:

- Characteristics of Wastewater
- Screening
- Grit Removal
- Pre-Aeration
- Primary Treatment
- Primary & Secondary Clarifiers
- Common Calculations

IEPA Course # 14411

CEU's: 4.5

Date: October 16, 2019

Location: Downers Grove Sanitary District
5003 Walnut Avenue, Downers Grove, 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