Operator Licensing Training Course

Lift Station Operation and Maintenance Course

Duration: 5 & 10 days (3.5 & 7.0 CEUs)

- **Purpose**: To help wastewater treatment plant operators have a general understanding of how water sources become contaminated by man and nature. Have a general understanding of lift station purposes and operations and a general understanding of the various components of a lift station system and their purposes

Prerequisites: General understanding of Lift Station operations.

Course Outline:

- The names and characteristics of various pumping environment
- Describe the requirements of a lift station and discuss components of a lift station
- Recall the various types of centrifugal pumps, identify the major components of a centrifugal pumps and recall the functions of each component of centrifugal pumps
- Define the various terms which apply to the pumping of liquids and pumping hydraulics
- Explain the relationship of pump characteristic curves
- Define the various types of compression packing and name of the components of a mechanical seal
- Describe the requirements for Lift Station maintenance programs and maintenance procedures for lift station submersible pumps
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Format : Lectures, videos, hands-on and discussions