



# **BPI LIFT STATION OPERATION TRAINING CLASS**

COURSE TOPICS INCLUDE:

- Basic submersible and self-priming pump operation and troubleshooting
- Common lift station pump failure mechanisms
- Level 1 lift station pump repair (submersible non-clog and grinder units)
- Basic lift station control panel design and construction
- Lift station operation troubleshooting



## Pump Operation

- Performance curves
- Pressure gages
- AMP readings & draw-down tests

## Pump Maintenance:

- General & specific maintenance issues.

## Pump Repair (Level 1):

- Power cord replacement
- Voltage change
- Mechanical seal, impeller & wear ring replacement
- Cutter (grinders) replacement

## Electrical Control Panels:

- Different panel types
- Features & components of equipment seen in the field.



## Lift Station Troubleshooting:

- Troubleshooting of a system issue to determine corrective action.

