

Sewage lift station quarterly maintenance checklist

A quarterly lift station round is short on purpose: it catches the wear items that fail between annual services. This checklist is sized for a tech with a phone. Every item says what to look at and the photo that proves the round happened. Work is commonly verified against IPC / UPC plumbing codes, manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The plumbing or facilities tech on the quarterly round, working from grade at the wet well. When: Every quarter. Confined-space entry into the wet well is a permitted procedure; inspect from grade unless entry is separately authorized under a permit.

Pumps and alternation

- ☐ Duplex pumps both run and alternate on the controller
Each pump started and confirmed drawing the well down, alternation checked so lead and lag actually swap between cycles rather than one carrying the load. 2 photos required

Level controls and wet well

- ☐ Floats or transducer levels observed from grade
Level devices watched through a pump-down cycle, floats hanging free and switching at their points, no rags or grease binding them. Viewed from grade, not by entry. 2 photos required
- ☐ Wet-well level and solids or grease noted
Well level looked at from grade against the setpoints, heavy grease cap or floating solids noted so a clean-out can be scheduled before it fouls the floats. 1 photo required

Alarm and telemetry

- ☐ High-level alarm and telemetry tested end to end
Alarm float or setpoint tripped, local alarm sounds and the dialer or telemetry actually delivers the call or signal to whoever answers it. 1 photo required