



4 WAYS TO SEE IF YOUR LIFT STATION IS UNDERSIZED

Use this quick evaluation tool to determine whether your lift station's capacity is keeping up with current population and flow demands. If you identify more than one red flag, it may be time to schedule a full system assessment.

➤ HIDDEN INEFFICIENCIES

- ✓ Are pumps running outside their optimal efficiency range?
- ✓ Do pumps cycle too frequently because the wet well is too small?
- ✓ Is the station experiencing short-cycling (starts/stops too often)?
- ✓ Do operators report that pumps struggle during peak flow periods?

➤ SCADA (SUPERVISORY CONTROL & DATA ACQUISITION) DATA & PUMP CURVE ANALYSIS

- ✓ Has SCADA data been reviewed against pump curves in the last 12 months?
- ✓ Are actual flow rates consistently higher than the design assumptions?
- ✓ Do runtime trends show pumps working longer or nearly continuously?
- ✓ Are there noticeable increases in alarm frequency over time?

➤ WET WELL CAPACITY & CONDITION

- ✓ Is the wet well large enough to handle current peak flow conditions?
- ✓ Is the wet well frequently triggering high-level alarms?
- ✓ Is there evidence of accelerated wear or build-up due to rapid cycling?
- ✓ Does the wet well hold sufficient volume to prevent pump overuse?

 **□ FLOW DATA ASSESSMENT**

- ✓ Has flow data been updated to reflect new housing density or commercial developments?
- ✓ Do flow logs show increasing daily averages or higher-than-expected peaks?
- ✓ Has infiltration/inflow (I&I) been evaluated recently?
- ✓ Is the station's total capacity aligned with current and projected loading?

 **IF YOU SAID YES TO TWO OR MORE QUESTIONS...**

Your lift station may be undersized and heading toward failure. A professional assessment can help prevent clogs, overflows, rising power costs, and expensive environmental fines.

 **REQUEST A DEMO IN YOUR WORST LIFT STATION**

See the difference for yourself, with no risk, no disruption, and no long-term commitment. Contact us at mceautomation.com/power-pumps