

Sewage ejector pump quarterly maintenance checklist

A quarterly sewage ejector 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 maintenance tech on the quarterly round, gassing the pit before working near it. When: Every quarter, kept as a light-touch check so the sealed basin is only fully opened at the annual when the space can be ventilated and cleared.

Basin seal and venting

- ☐ **Sealed cover, gasket and bolts intact**
Cover gasket seated all the way around, all bolts present and snug, no sewage odor at the lid and cord and vent penetrations sealed. 2 photos required
- ☐ **Vent line open to atmosphere**
Vent connection clear and unobstructed so the basin breathes as it fills and empties, no whistling or gurgling at the cover on a cycle. 1 photo required

Operation

- ☐ **Ejector cycles and clears the basin on a test**
Inflow or a test volume brings the pump on, the level drops and stays down, no laboring or repeated re-start that says solids aren't clearing. 2 photos required
- ☐ **Check valve holding against back-flow**
No run-back down the discharge after cut-out and no short-cycling from waste draining back into the basin. 1 photo required

Float and alarm

- ☐ **Float tree operating cleanly**
Floats swing free on the tree without tangling on the cords or discharge pipe, start and stop points sound and not fouled with grease. 1 photo required
- ☐ **High-water alarm proven where fitted**
Alarm float lifted to confirm the horn and any remote annunciation actually sound, since a flooded ejector pit backs up into fixtures fast. 1 photo required