

Sewage ejector pump annual maintenance checklist

The annual sewage ejector service is the deep pass: the measurements, cleanings and tests a quarterly round doesn't reach. This checklist keeps the full service on record with the photos that make it defensible later. 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 service tech on the annual service, with the space ventilated and the basin gassed before opening.
When: Once a year, the one visit where the sealed basin is fully opened, so scheduled when the area can be aired out and traffic kept clear.

Basin and gas safety

- ☐ **Space ventilated and basin cleaned out**
Area aired and atmosphere checked before opening, then grease cap, rags and settled solids removed from the basin down to the floor. 2 photos required
- ☐ **Cover gasket resealed and vent re-proven**
Gasket replaced or reseated, all bolts torqued and the vent confirmed clear before the cover goes back on so the pit is gas-tight again. 1 photo required

Pump condition

- ☐ **Ejector pulled, impeller and cutter inspected**
Pump raised out, impeller or grinder cutter checked for stringy debris and wear, seal area dry, cord jacket intact. 2 photos required
- ☐ **Run current observed against nameplate**
Amp draw read during a run and compared to the motor nameplate, listening for a binding or overloaded motor working against packed solids. 1 photo required

Controls and redundancy

- ☐ **Duplex alternation and lag callout tested where fitted**
Controller stepped so each ejector takes a turn as lead and the lag pump proves it starts and carries the basin on high water. 1 photo required