

O&M Core Responsibilities

- **Routine Maintenance:** Regular checks are required to ensure filtration units, tanks, and pumps function properly. This includes cleaning filters, inspecting tanks for sediment, and clearing blockages in distribution pipes.
- **Water Quality Monitoring:** Regular testing for parameters like pH, turbidity, and microbial quality is mandatory to verify that treated water meets standards for its intended reuse (e.g., irrigation).
- **Scheduled Servicing:** Periodic replacement of components, such as UV lamps or filter media, is necessary to maintain system efficiency.

Management Models in UP

- **Gram Panchayat (GP) Level:** The [UP Jal Nigam \(Rural\)](#) and local GPs are responsible for community-level assets like **Waste Stabilization Ponds (WSPs)** or **Constructed Wetlands**.
- **Decentralized Management:** Households are encouraged to manage greywater at the source using simple, low-cost technologies like **soak pits**, **leach pits**, or **kitchen gardens**, which are easy for individual residents to maintain.
- **Village Water and Sanitation Committees (VWSCs):** These bodies are empowered to oversee the daily operation of community facilities and manage O&M funds.