

CASE STUDY : “WET” installation at a Residential Apartment Building at Hyderabad

Status at time of WET Installation at residential building with 97 units, constructed approx. 10 years ago :

- Water source : Borewell & Government supply.
- No water treatment plant in place.
- Water from 3 borewells is collected in a sump at -3 level, then pumped to over head tank (OHT) at terrace.
- Scaling is present.

WET w4 unit was installed 24.08.2023.

Unit installed at -3 level at bore water collection sump.

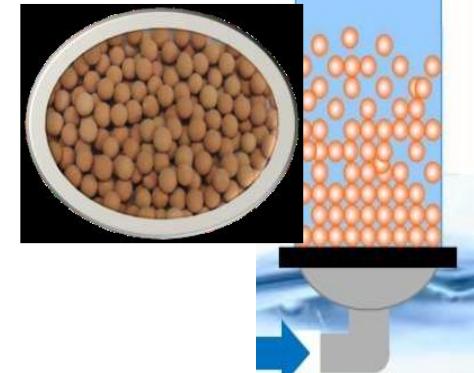
Water is circulated from sump to unit with a 0.50 kw pump. Separate pipeline for pumping water from sump to OHT.

Introducing :

**“WET (Water Enhancement Technology)”
with Ceramic Beads from LTI, Japan**

In Japan since 2004 : Now In India

- **Treats Scaling from : Calcium, Magnesium, Silica**
- **Treats Rust and Corrosion**
- **Helps to Remove Present Scaling with Low Cost**



WET – Revolutionary Technology for Hard Water Treatment

Brought to you By : Water And Energy, Hyderabad

Call & WA: +91 93914 24553 | email : info@waterandenergy.life





Picture of Unit Installed and Sump at -3 level





Effect of WET treated water :

Water sump at -3 level cleaned,
Soft Scale removed on 04.03.2025

Soft Scale removed at geyser
during servicing on 06.12.2024



Galaxy S22 Ultra

04 March 2025 4:25 pm

On 26.10.2025, we received communication that some lines from OHT to units below have been choked with scale with restricted water flow. These were cleaned by the client with help from a plumber

Found choking with lumps of scale removed from pipes. These were cleaned with acid \ rod and normal water flow restored.

Most of the scale was removed as soft pieces, from inside of pipes. These could be broken \ powdered with bare hands easily.

Where possible, scale was completely removed from pipes.

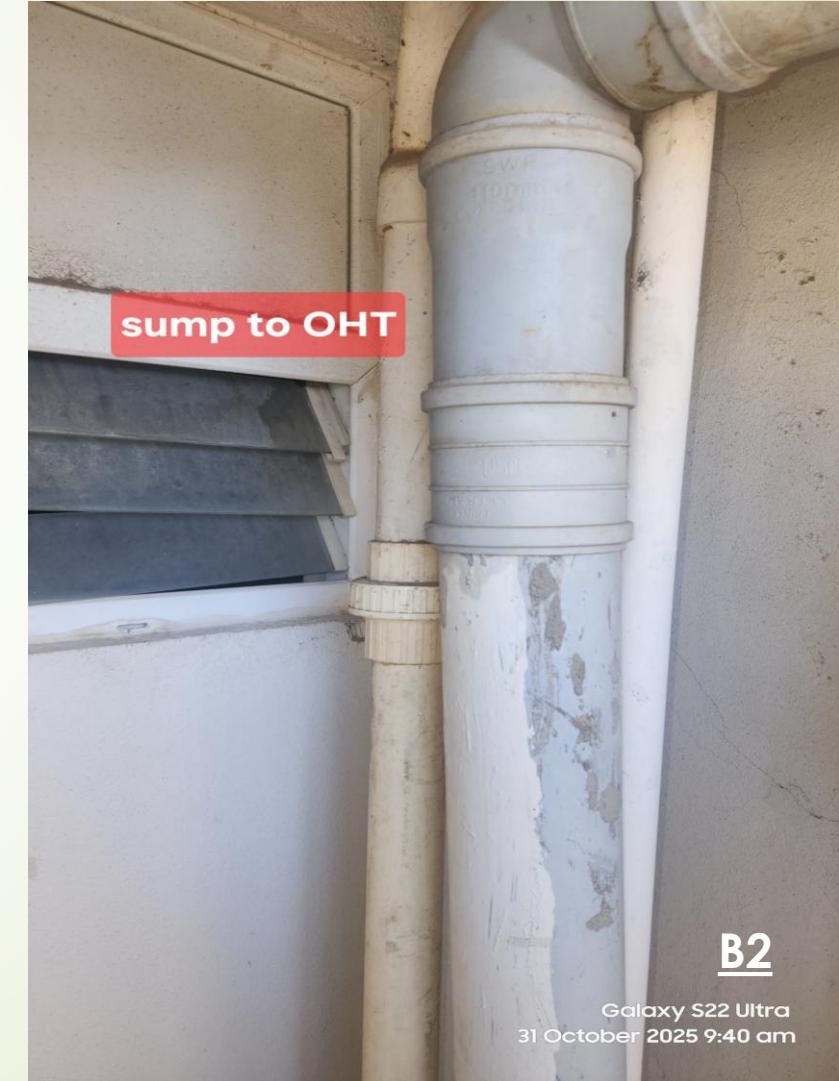




Installation was inspected by us on 31.10.2025, along with apartment supervisor.

The following lines were checked (Union joints were opened and checked) :

- A) WET unit circulating water from sump.
- B) Water line at point – 1) from sump at -3 level to OHT 2) at terrace level before OHT.



B2

Galaxy S22 Ultra
31 October 2025 9:40 am

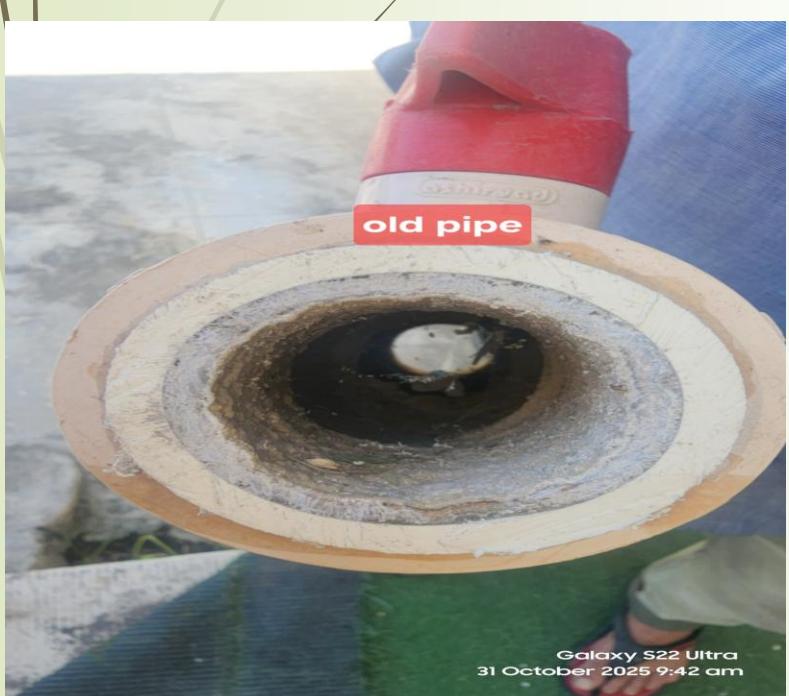
Inspection observations : (Picture of Pipes earlier removed at the site).



← Scale in pipes has become soft and was removed.

Conclusion :

- In 14 months since installation, No Fresh Scaling was noticed. Better quality of water is being experienced by residents.
- Older Scale in pipes from has become soft and is being removed gradually. However some points of hard scale remains.
- It is expected that the balance scale in pipes shall also be diluted in due course.



Scaled pipe and soft scale removed : Comparison →

← Layers of scale in pipe can be seen

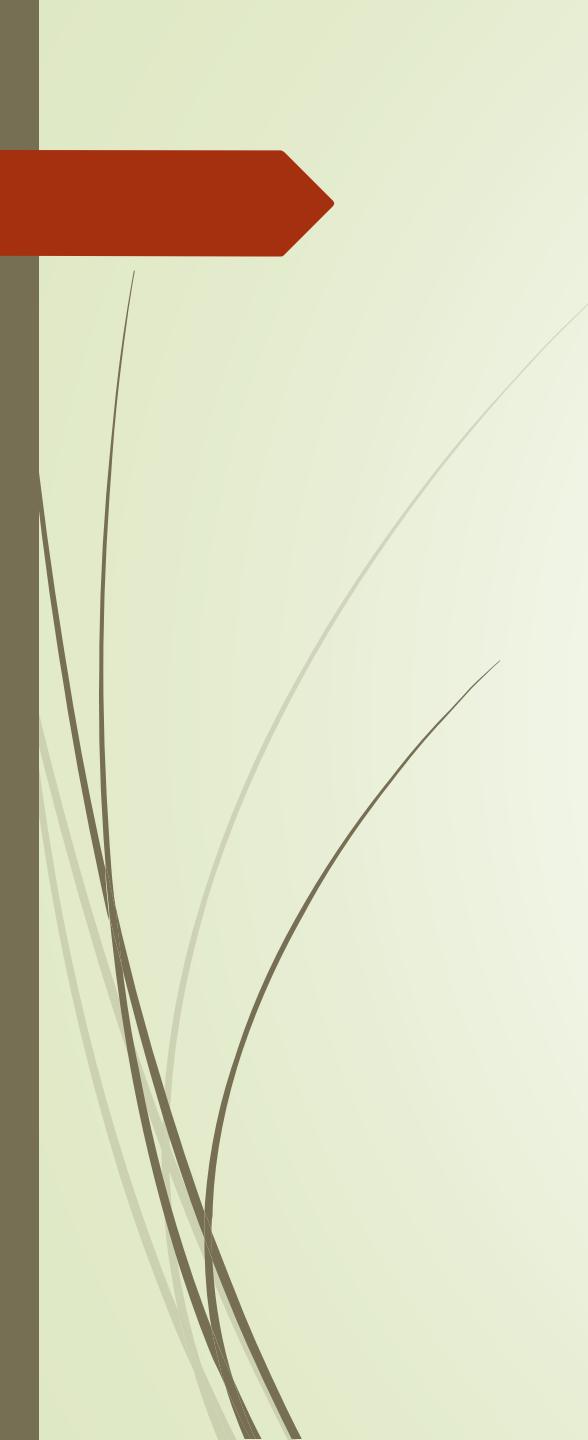




WET is available for flow rate ranging from 2 KL\Hr to 215 KL\Hr

Suitable for Industrial Establishments, Commercial Buildings, Residential Communities, Independent Houses, Agriculture and other applications.

Conclusion : WET Treated water helps to treat and remove scaling and corrosion from water.



Thank
You

