

# DARKHAN URGUU RESIDENCE



## Installation Details

**Location:** Residence building  
Darkhan Urguu,  
Ulaanbaatar, Mongolia

**Models:** Vulcan Anti-Scale Systems are  
insalled at the whole piping system:

**6 x Vulcan 3000**

**2 x Vulcan S150**

**Purpose:** Darkhan-Urgoo is a new residential  
apartment complex that requires  
solutions for problems related to  
pipeline rust, sediment build-up,  
and water hardness.



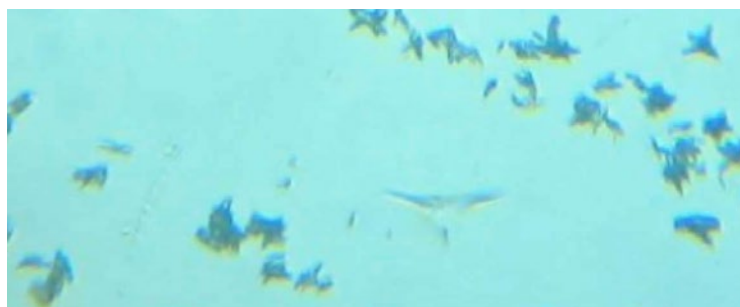
The Vulcan devices are installed on the eight-block  
buildings of Darkhan-Urguu Residence.



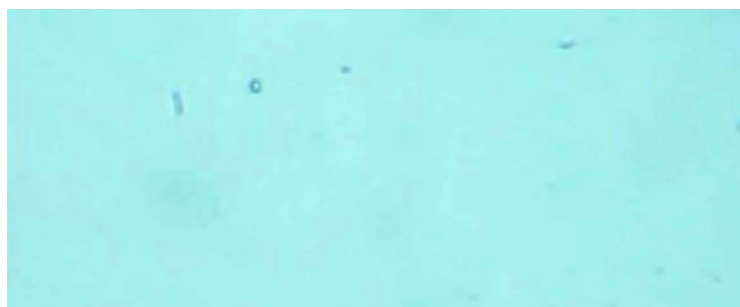
Vulcan S150



Vulcan S150 impulse bands



Water hardness level of untreated water (not processed through the Vulcan device) at Darkhan-Urgoo Residence.



Following the water passing through the Vulcan treatment, the quality coefficient for the physical water treatment process was recorded at 98.9%. This result indicates a high level of effectiveness.

## Results

The physical water treatment with Vulcan was proved to be extremely effective. This shows that the capacity of the Vulcan device was appropriately selected to ensure optimal performance for the water treatment requirements of the Darkhan-Urguu Residence.

After treatment with the Vulcan Anti-Scale System, a significant reduction of the limescale in the water and a significant reduction in rust deposits in the pipes were observed.