

## Water Treatment Process

### Wave-Form Tilted Pipe/V-Wave

#### Excellent performance in sedimentation separation by the unique shaped pipe

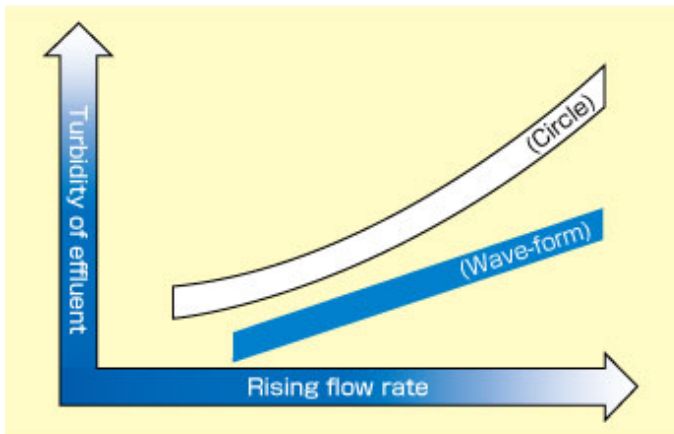
Kobelco Eco-Solutions' wave-form tilted pipe (V-Wave) has excellent performance in settling separation by the unique shaped pipe, compared with other tilted pipe sedimentation device to quadrate or diamond-shape pipe.



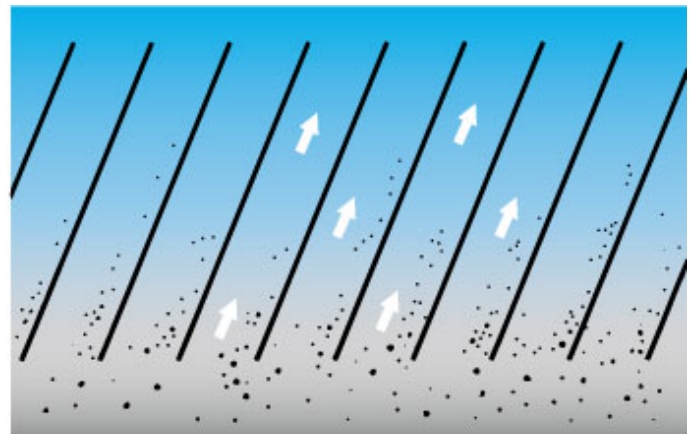
#### Features

- Wave-form has higher rectification effect and more efficient sedimentation ability compared to other shapes of pipes.
- In the wave-form, the distance to the pipe bottom is equal from anywhere of the pipe.
- The V-shaped pipe bottom facilitates sludge emission.

#### Mechanism



Performance of settling separation in each cross-section



Phase of settling separation diagram

#### Application

- Transverse ventilation-type coagulation tank
- Existing high-speed coagulating sedimentation device
- Other coagulating sedimentation devices