



#### Reliable

Reliable measurement of the level

#### Cost effective

Simple installation and setup

#### User friendly

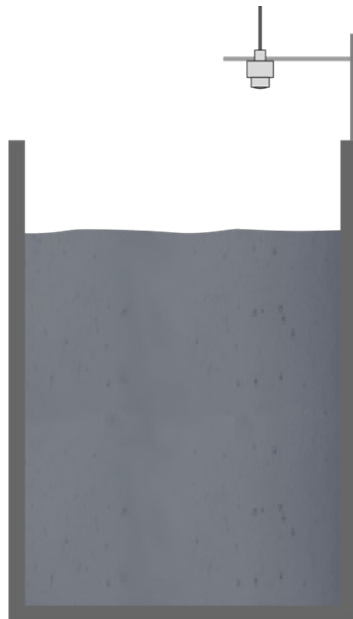
Maintenance-free operation

## Mixing and equalization ponds

### Flow equalisation basin Water level measurement

These open pools even out peak loads and strong volume fluctuations. During periods of decreased load, the wastewater is pumped from the buffer pool into downstream biological treatment basins. A level sensor monitors and controls the pumps and cleaning units in the buffer pool.

[More details](#)



### VEGAPULS C 21

Non-contact level measurement with radar in the mixing and equalizing tank

- Maintenance-free measurement for control of pumps and cleaning units
- Highly corrosion resistant materials ensure a long service life
- Secure, user-friendly wireless operation via Bluetooth with smartphone, tablet or PC

[Show Product](#)

**VEGAPULS C 21**[Show Product](#)**Measuring range - Distance**

15 m

**Process temperature**

-40 ... 80 °C

**Process pressure**

-1 ... 3 bar

**Accuracy**

± 2 mm

**Frequency**

80 GHz

**Beam angle**

8°

**Materials, wetted parts**

PVDF

**Threaded connection**

G1½ / G1, 1½ NPT / 1 NPT, R1½ / R1

**Seal material**

FKM

**Protection rating**

IP66/IP68 (3 bar), Type 6P