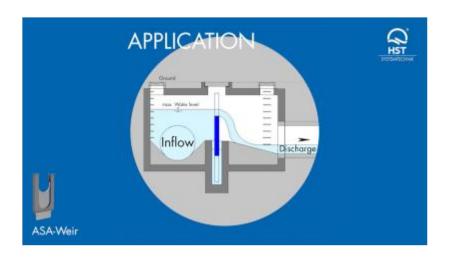


Agenda



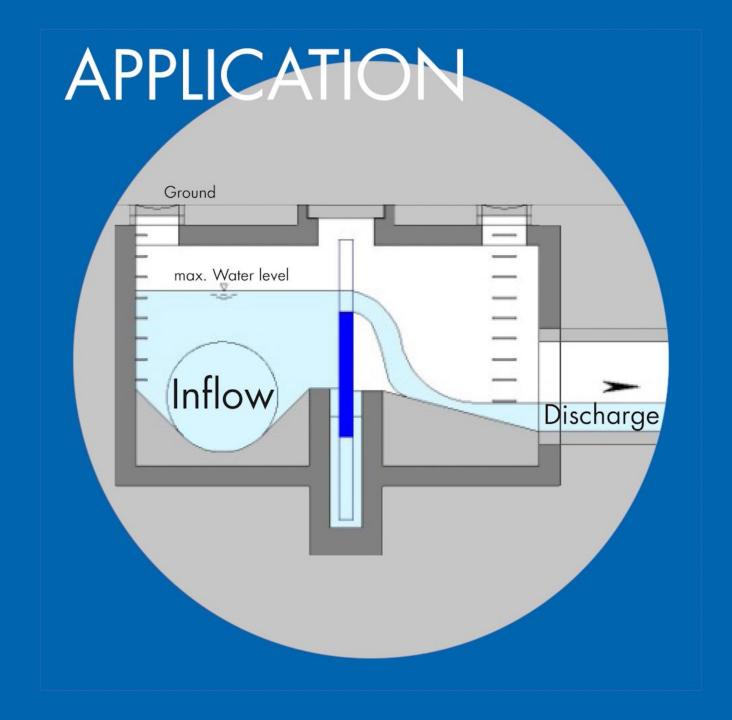








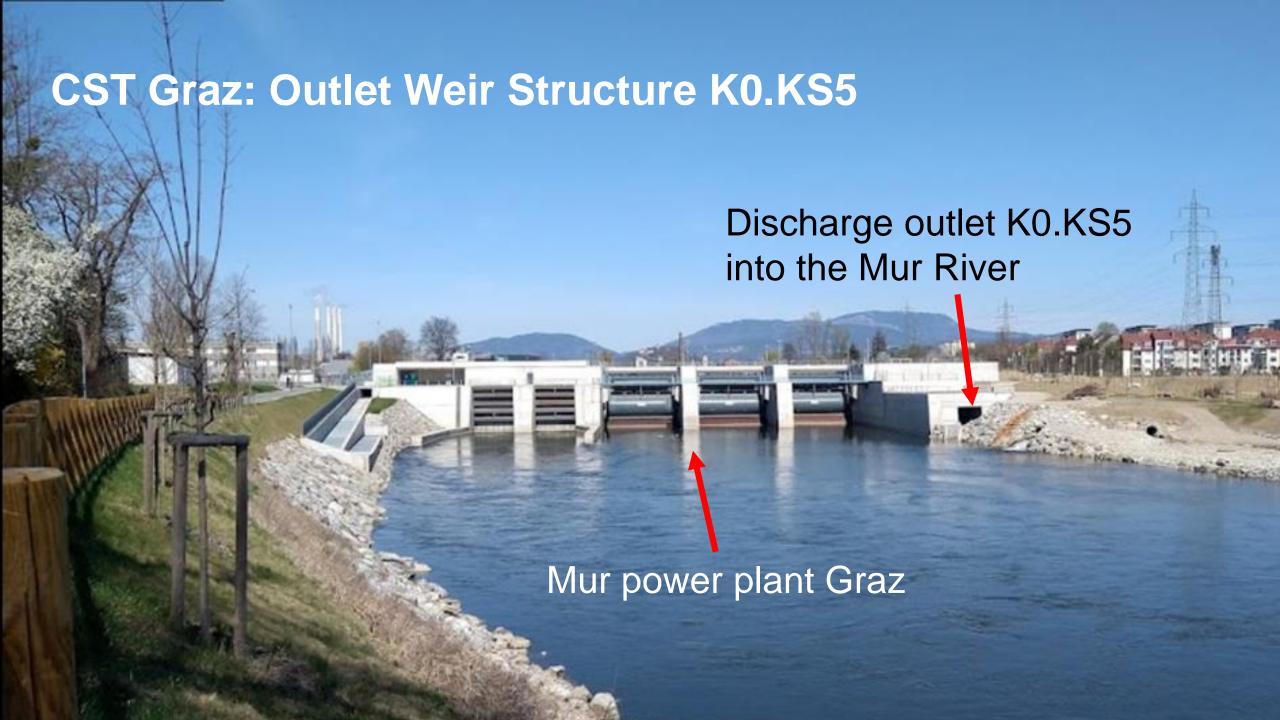




















Unique HC Plus Functions

- Operation mode: reduction of discharge volume in case of back water
- Accurate detection of discharge due to several level measurements





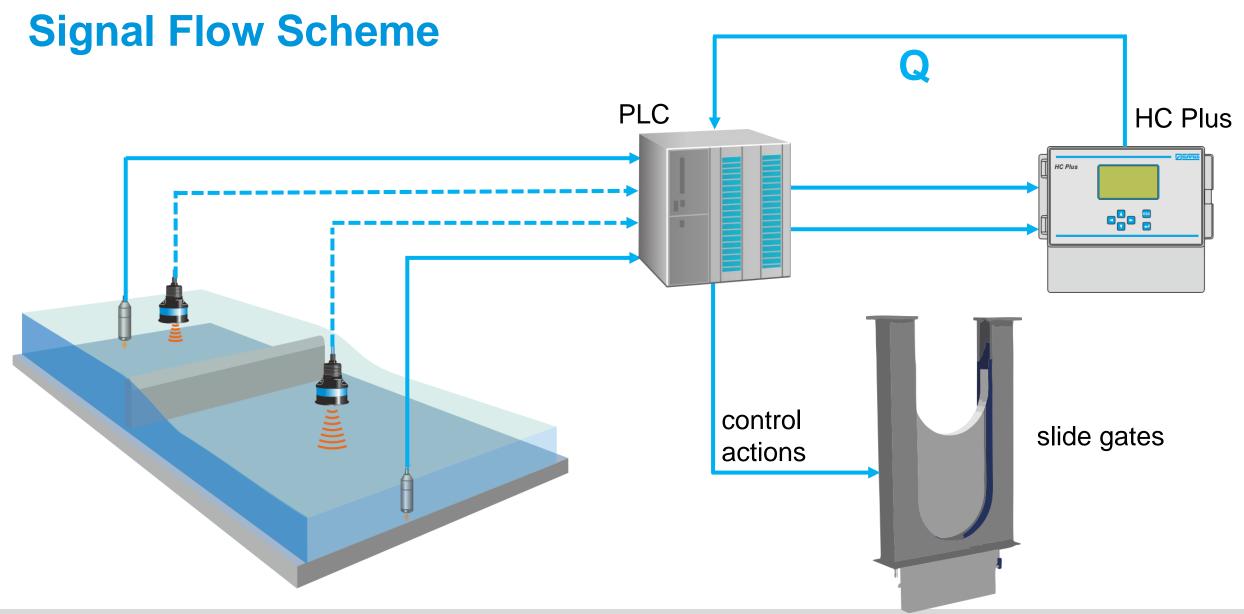
Multi-Redundant Measurement

Combined advantages of two level measurement technologies

- Drift-free ultrasonic i-Series sensors
- Easy handling NivuBar Plus pressure sensors



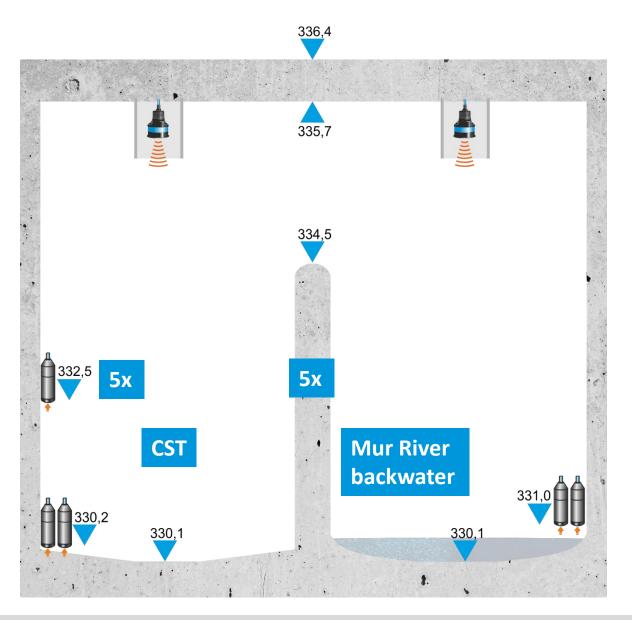




Cross Section Discharge Chamber





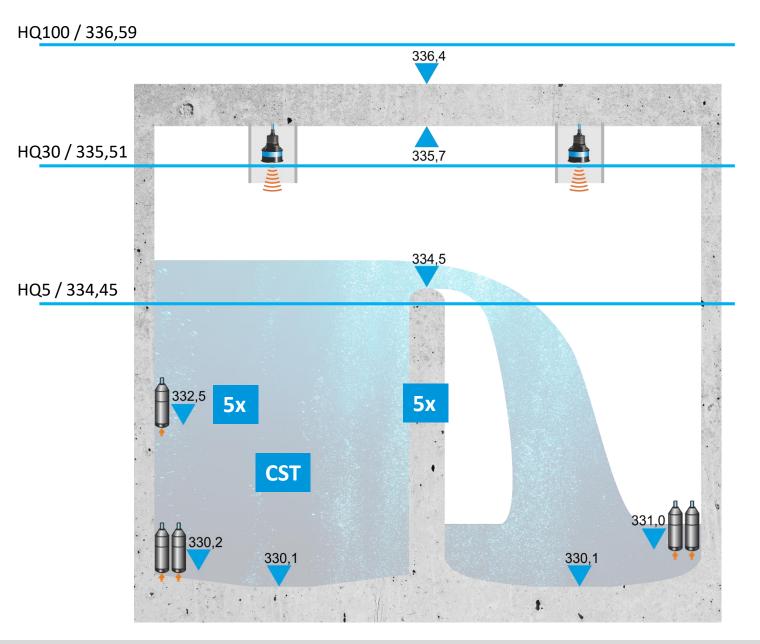




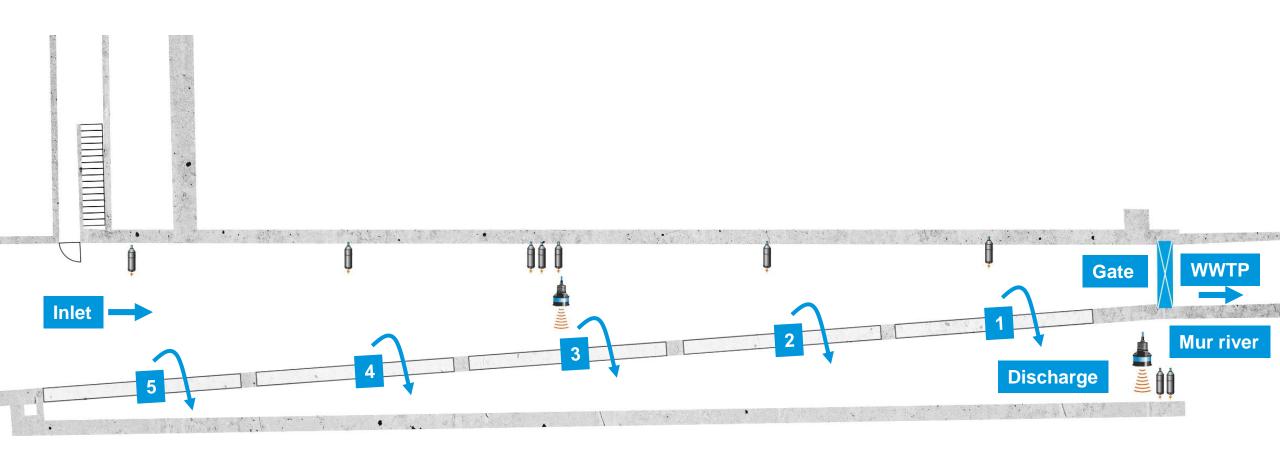
Cross Section Discharge Chamber





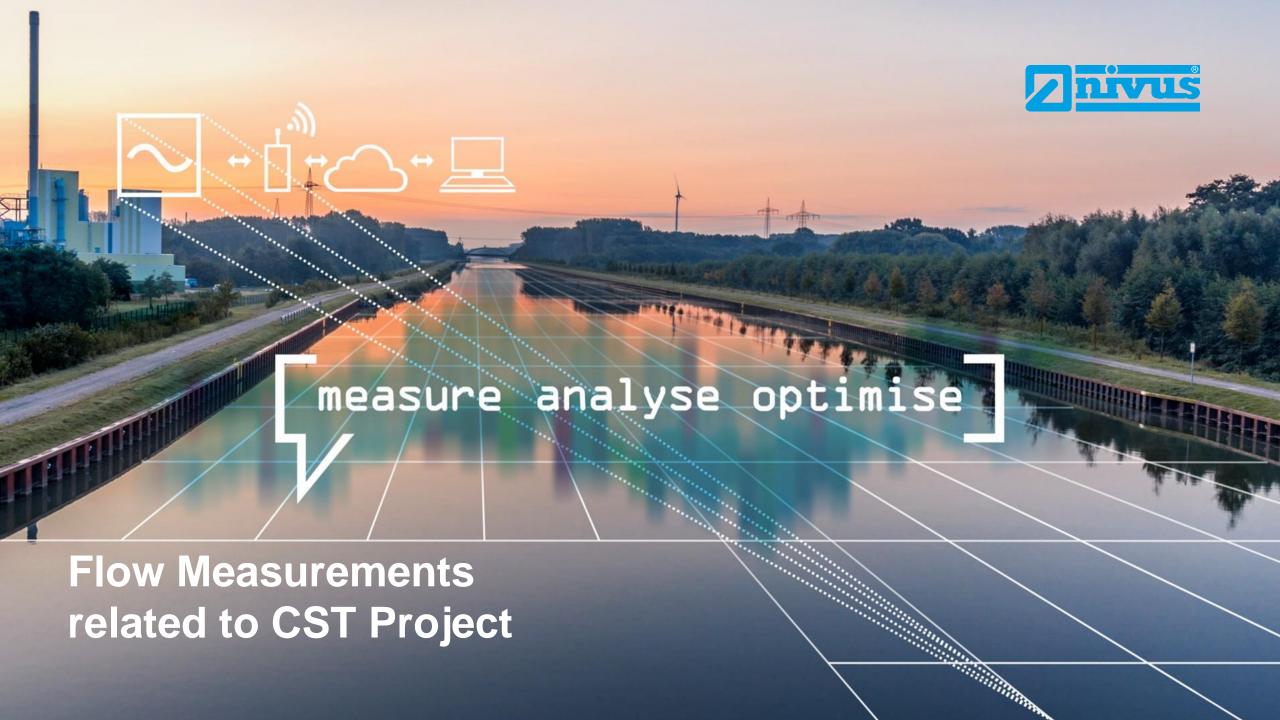


Layout K0.KS5 Discharge Structure









Flow Measurement Combined Sewers to CST

- Special Channel Shapes
- NivuFlow 750 cross correlation flow measurement
- Each 2 wedge CS2 sensors









Flow Measurement CST Volume to WWTP or Mixed Water Basin

- Rectangular channel
- NivuFlow 750 cross correlation flow measurement
- 3 x CS2 wedge sensor for detection of real flow profile
- Side wall installation



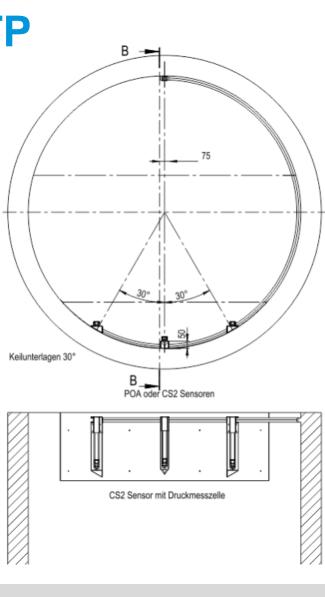
Flow Measurement Main Channels to WWTP

2x DN 2000

 2x NivuFlow 750 cross correlation flow measurement

Each 3 wedge sensors2x POA and 1x CS2

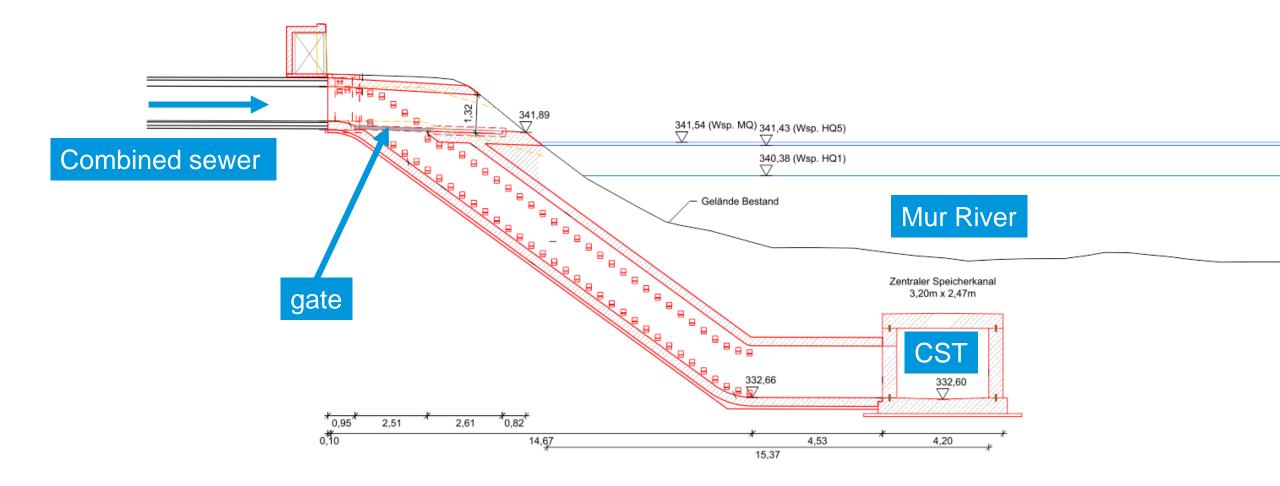






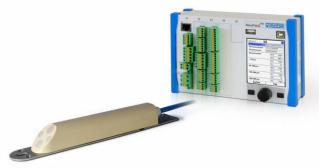


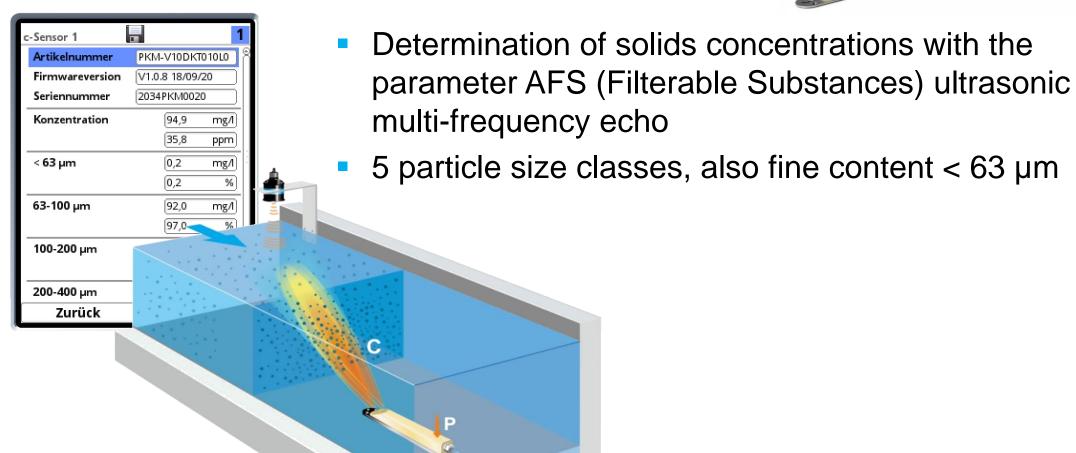
Control of Combined Sewage based on Water Quality



Particle Concentration Measurement

continuous. maintenance-free. easy. measuring







Particle Concentration Measurement

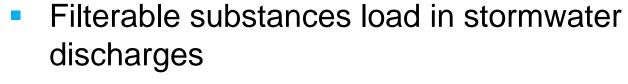
Benefits



- Very low operating costs→ no sampling
- Real time field measurement
- Low maintenance and reliable
- Operation in Ex areas

Particle Concentration Measurement

Applications



- Measurement data as a basis for optimal dimensioning of treatment structures
- Recording the retention effect of stormwater treatment plants

