

#### Filterstabilität nach Cistin / Ziems

$$U_{\text{Boden}} = 5.000$$

$$d_{50}(\text{Boden}) = 1.500 \text{ mm}$$

$$U_{\text{Filter}} = 1.700$$

$$d_{50}(\text{Filter}) = 10.00 \text{ mm} < \text{erf. } d_{50}(\text{Filter}) = 16.48 \text{ mm}$$

$$A_{50\text{vorh}} = d_{50}(\text{Filter}) / d_{50}(\text{Boden}) = 6.667$$

$$A_{50\text{zul}} = 10.99$$

Böden sind filterstabil !

