



## Application Report: Measurement of dry substance in the process of sludge dewatering

### Beet washing

During beet washing the soil tare is removed from the beets by using cleaning water. Big amounts of cleaning and flume water are reused after mechanical sludge separation.

While the sludge is being separated from water in the settling tank the dry substance content on the central sludge output is reliably monitored on a permanent basis by the microwave concentration measurement.

The proMtec measurement offers the possibility to measure inline also in large measuring sections with a diameter up to DN400.

The sensors which can be hardly affected by contamination detect the dry substance content permanently in the main flow and thereby provide the most important standard value for the sludge dewatering and treatment.

