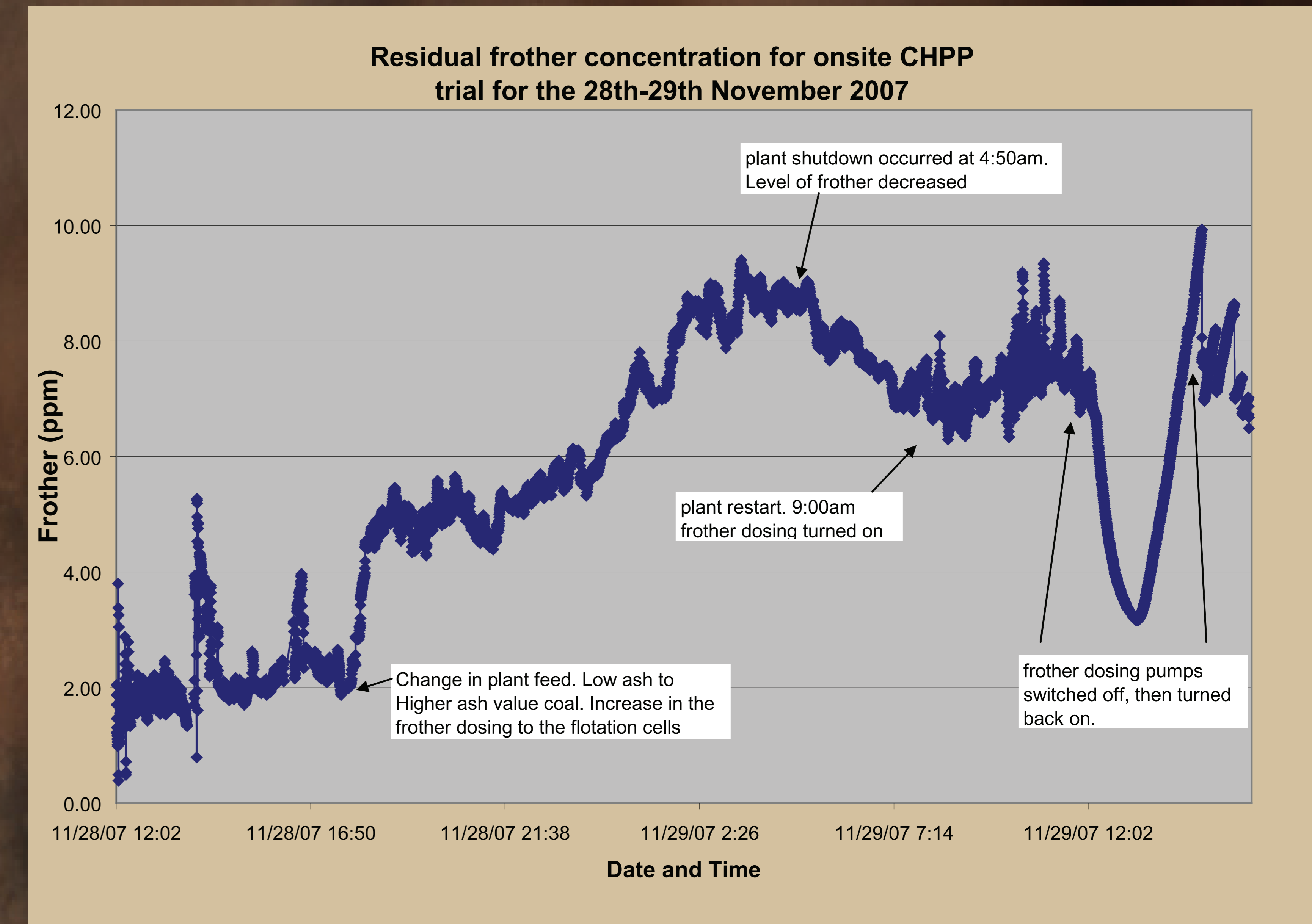
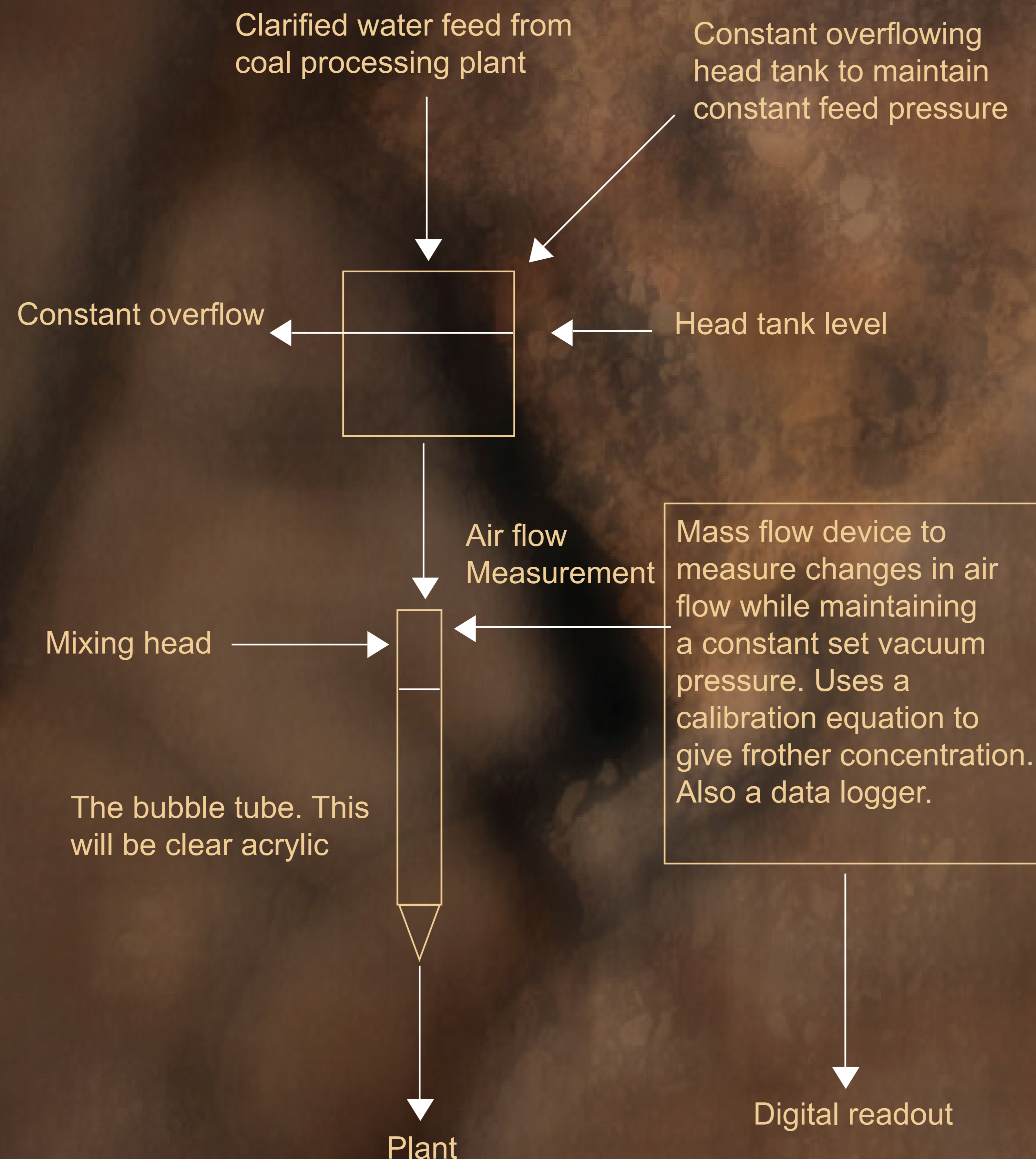


Residual Frothing Propensity Detector

The Technology

The device works by maintaining a set of fixed conditions. The device is then able to measure the propensity of residual frother to form bubbles by recording the changes that occur in the set conditions. These changes in the set conditions are then able to be directly related to the concentration of frother within the feed source. The RFPD is able to then transmit this data to the plants communication system and provide real time data to an operator of the concentration of residual frother in the feed source being monitored. The device is calibrated to frother however measuring the propensity to form bubbles also takes into account affects caused by salt which in high enough amounts can alone cause a process plant to froth out.



The Benefits

The benefits of this technology include:

- Real time knowledge of residual frother levels within a process plant.
- Optimise the amount of frother used for maximum yield and performance of flotation cells.
- Easily installed, requiring little space, minimal calibration and maintenance.
- Custom designed to meet existing plant communication network (e.g.4-20mA)
- 24VDC low voltage operation
- Full support and backup supplied

