



## Analysis of Eco-Cat™ dosing on the Biogas Plant Georgsmarienhütte/Osnabrueck

### Background

Since the end of 2007, Stadtwerke Georgsmarienhütte operates a biogas plant for liquid food waste. Since then, about 37,000,000 kWh of electricity has been produced from approx. 195,000 t of waste. The Biogas plant had significant problems to keep biogas production going since November 2017. High Ammonia and Sulphate concentrations were recorded. The operators tried reducing Ammonia and Sulphate concentrations by applying different additives, but no improvements were recorded.



### Results Summary

The following graphs highlight that BOC application resulted in a normalisation of production and biology. EcoSystemPlus was applied for 34 days.

