

MEMO

Project number 3848-007	Customer Becromal	Date 20. 7. 2015
Project Wastewater Measurements		
Subject Phosphorus in Total Wastewater TWW July 2015		
Sender Páll Höskuldsson		
Receiver Urszula Tlolka		



In July 2015 EFLA measured Phosphorus in total wastewater (TWW) from Becromal's factory in Akureyri. The total wastewater (TWW) consists of two streams that mix together before being discharged to the municipal wastewater system. These streams are production wastewater (PWW) from diverse processes at the plant and PREOX which is hot 80-90 °C deionised water used for the pretreatment of pure aluminium foil. Samples were collected of each stream over three days (7.-9. July) and one average sample was prepared for each day. From the day samples of the PWW and PREOX streams, one flow proportional average composite TWW sample was prepared for chemical analysis. The flow of each stream was also measured.

The Phosphorus concentration was measured 30.6 mg/L and total flow was 4325 m³/3days or at average 16.3 L/s.