2017-05-11

*EffiSludge for LIFE, site visit n.2 at Skogn (NO)*

Attending: Francesco Ometto, Project Manager for *EffiSludge for LIFE*
Jörgen Ejlertsson, Process Engineer for *EffiSludge for LIFE*
Anna Karlsson, Reference Group leader for *EffiSludge for LIFE*
Terje Hyldmo, Project leader for *EffiSludge for LIFE* at Biokraft

The site visit was completed at the construction site for the Biokraft’s LBG plant where *EffiSludge for LIFE* is under implementation (Skogn, Norway). During the visit, Terje Hyldmo, now responsible for *EffiSludge for LIFE* implementation at Biokraft, illustrated on the details the status of the ongoing construction works (cf. pictures below). Most of the modification of the wastewater treatment supporting EffiSludge operations have been implemented during the Easter weekend in conjunction with a temporary stop of the mill. In line with the schedule, the overall construction phase is expected to last until Q4 2017. At present, it is priority of the project manager, Vidar Wikmark, to secure construction works as planned.

During the afternoon meeting with Norske Skog Skogn, a discussion regarding the monitoring plan and the detailed start-up procedure took place. While the monitoring period is now ongoing focusing on the status of the wastewater treatment (efficiency and carbon footprint), how to gradually modify conditions of operation to reach EffiSludge targets is still to be discussed and agreed. The next site visit is expected during start-up phase (Q4 2017-Q1 2018).

**FIGURES**

![Fig.1 – Storage tanks’ roof top. These tanks will be used for fish waste storage (salmon silage) and additional external biomass.](image-url)
Fig. 2 - Anna Karlsson, Jörgen Ejlertsson and Terje Hyldmo with the two main CSTR digesters on the background.

Fig. 3 – Final ground works to be soon completed.
Fig. 3 – Francesco Ometto, Anna Karlsson and Jörgen Ejlertsson on top of the machinery house where three centrifuges for dewatering digested sludge are already in place.

Fig 4 – Main CSTR digester.
Fig 5 – Machinery houses with the existing railway serving Norske Skog Skogn.

Fig 5 – Aerial overview of the construction site with existing wastewater treatment plant (circular basins) effected by EffiSludge operation. This picture is courtesy of Biokraft AS
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