

WORKING PROGRAM OF TILIA COMPANY WITH THE COOPERATION TEAM FOR WASTEWATER AND SLUDGE TREATMENT (BAC NINH WATER SUPPLY AND SEWERAGE COMPANY)

Based on the Province People Committee's letter No 2160/UBND-XDCB dated 13/8/2015 regarding the cooperation in wastewater and sludge treatment between Bac Ninh Water Supply and Sewerage company with the GFA Consultant Group and Tilia company and GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit, Tilia GmbH company had worked with the Bac Ninh Water Supply and Sewerage company from Sept 7th to Sept 10th, 2015.



Tilia team worked with the wastewater and sludge treatment cooperation team

The 2 teams of 2 companies together agreed the purpose of this business trip and informed to each other about the members will participate the project with the details of position, assignment, professional and experience as well as detail working schedule for next steps; discussed about the legal framework for cooperation; did the field trip to understand the actual situation of wastewater, sludge in different areas of Bac Ninh city such as: the city sewerage system, WWTPs and typical household drainage and connection



Meeting farmers to investigate the demand for compost fertilizer

The experts of 2 companies also met 2 typical farms in Bac Ninh City and Tien Du district to investigate the market potential for compost fertilizer in the future.

Tilia team and the cooperation team together took samples of wastewater and sludge to analyze, and collected statistic information related to the city sewerage system and WWTP (Sewerage, manholes, pumping stations, wastewater inflow rate, quality of wastewater before and after treatment...)



Learning about the pilot wastewater treatment system of Japanese company JARIKKO

After 4 intense and effective working days, the team summarised important findings and also drafted a detailed work plan for next steps such as:

- Apply DWWT for one household (Diem village) and one residential cluster (Khac Diem)

- Solve operation problems of WWTP to increase the treatment efficiency
- Adjusting the treatment process to save energy but still on the basis of not affect on the quality of treated wastewater.
- Sludge treatment must consider the principles of creating a product suitable with farming and environmental protection

The two companies summarised the main content of this trip and agreed on an activity plan for next steps in Jan 2016.