



Wastewater Project Showcase

Distinctive Project Management

Utility Business Alliance Co., Ltd. has been trusted by Bangkok Metropolitan Administration (BMA) Office to be responsible for the process start-up and commissioning for two of the largest central wastewater treatment plants for public wastewater. These projects are called BMA3, the 2 projects serves the collection pipe length of 72 kilometers.

The BMA3 project comprises two wastewater treatment plants and their associated collection systems, serving the area of Ratburana and Nongkhaem. The treatment processes include primary treatment of rotary fine screens, vortex grit separators and grit conveyor systems and secondary treatment is the activated sludge system comprising aeration tanks, sedimentation tank and sludge digester. We are proudly to operate the largest sludge digester for public sewage in Thailand at Nongkhaem wastewater treatment plant. The treated wastewater and sludge have been complied with stringent BMA requirements and local standards. UBA always utilizes its operation and maintenance knowledge (corrective and preventive maintenance) to all equipment. Moreover, these two wastewater treatment plants are managed under both quality and environmental management system to the ISO9001 and ISO14001 Standards. The client can be ensured that the wastewater treatment systems of over 200,000 cubic meters per day will be operated and maintained at their highest standards, thus there will be no perturb in any client's aspect.



Quality Service Achievements

- Quality Control and Inspection of Wastewater Treatment System for wastewater treatment systems over 14 locations of PTT Public Co., Ltd.
- Wastewater Treatment System Preparation for one of the factories in paper pulp industry
- Wastewater Treatment Management System for Department of Commerce of Thailand.
- Wastewater Treatment Management System for District of Phuket's Municipality
- Wastewater Treatment Management System for Business Group in Retail Industry
- Efficiency Improvement in Wastewater Treatment System, a project for a factory in food production and exporting.