

Sewerage System Improvement (Myanmar)



Discharge of domestic wastewater to stormwater canals in Yangon City



Flooding in Yangon City

Main Issues

- **Insufficient capacity of discharge facilities**
~ Constructed during English colonial rule in the 1890s
- **Lack of appropriate Operation and Maintenance**

FY2012

● Baseline survey of sewerage and drainage system in Yangon City

“Formulation of the plan for sewerage system construction in Myanmar” was adopted as a Pre-Feasibility Study by MLIT, Osaka City and UITec have conducted the baseline survey in Yangon in order to grasp the current condition of stormwater drainage and sewage collection. From the findings of the survey, some solutions were offered by public-private sectors of Osaka City.



Site survey of a sewage treatment plant in Yangon City

FY2013

● Technical Exchange Programme on Wastewater Management between Yangon City and Osaka City

As the Programme was adopted by CLAIR, Osaka City and UITec dispatched experts to Yangon and conducted a training in Japan for engineers of YCDC for the purpose of improvement of sewerage and drainage systems in Yangon City.



Pipe jacking construction site in Osaka City

FY2014~FY2016

● Capacity development of Sewer Pipes O&M and Rehabilitation Project in Yangon City

Using the JICA Partnership Program adopted by JICA in 2014, technology transfer of sewer O&M and rehabilitation is conducted by Osaka City collaborate with Sekisui Chemical Co., Ltd and UITec.



Sewer inspection in Yangon City