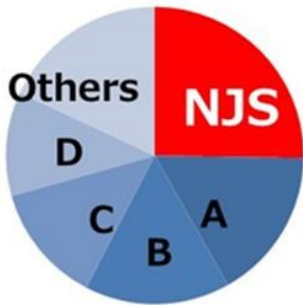




NJS: Our Activity in India and A Pilot Project Overview under MOE Japan

January, 2023

NJS Co., Ltd.
Global Business Department
Yoshihiro KIRISHIMA



Top Share Consultant in Water Sector in Japan !



Kazakhstan water supply & Sewerage Project



Malaysia Sewerage Project



Papua New Guinea Sewerage PJ





About NJS-India



Many Projects all over India
YAP III, GAP, Agra, Guwahati, Hyderabad, Mumbai, Bangalore and more.



Agra Water Supply Project was Awarded by Indian Government (MOF)

REHABILITATED CONVENTIONAL WATER TREATMENT PLANT AT SIKANDRA, AGRA



Total Capacity of 513MLD served 1.7 million People

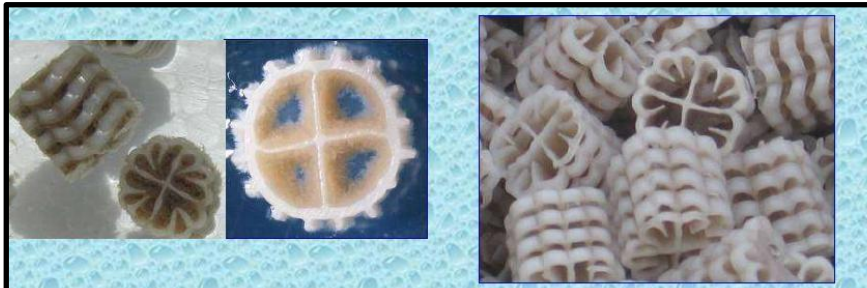
About 130km Intake Pipe from Ganga
Dia. 2100mm x 2 (98km)
Dia. 2800mm x 1 (33km)
Dia. 800mm x 1 (12km)



The First Plant in the World MBBR Used for WTP



AGRA WATER SUPPLY (GANGA JAL) PROJECT



DHS: Downflow Hanging Sponge System born in JPN grown in India



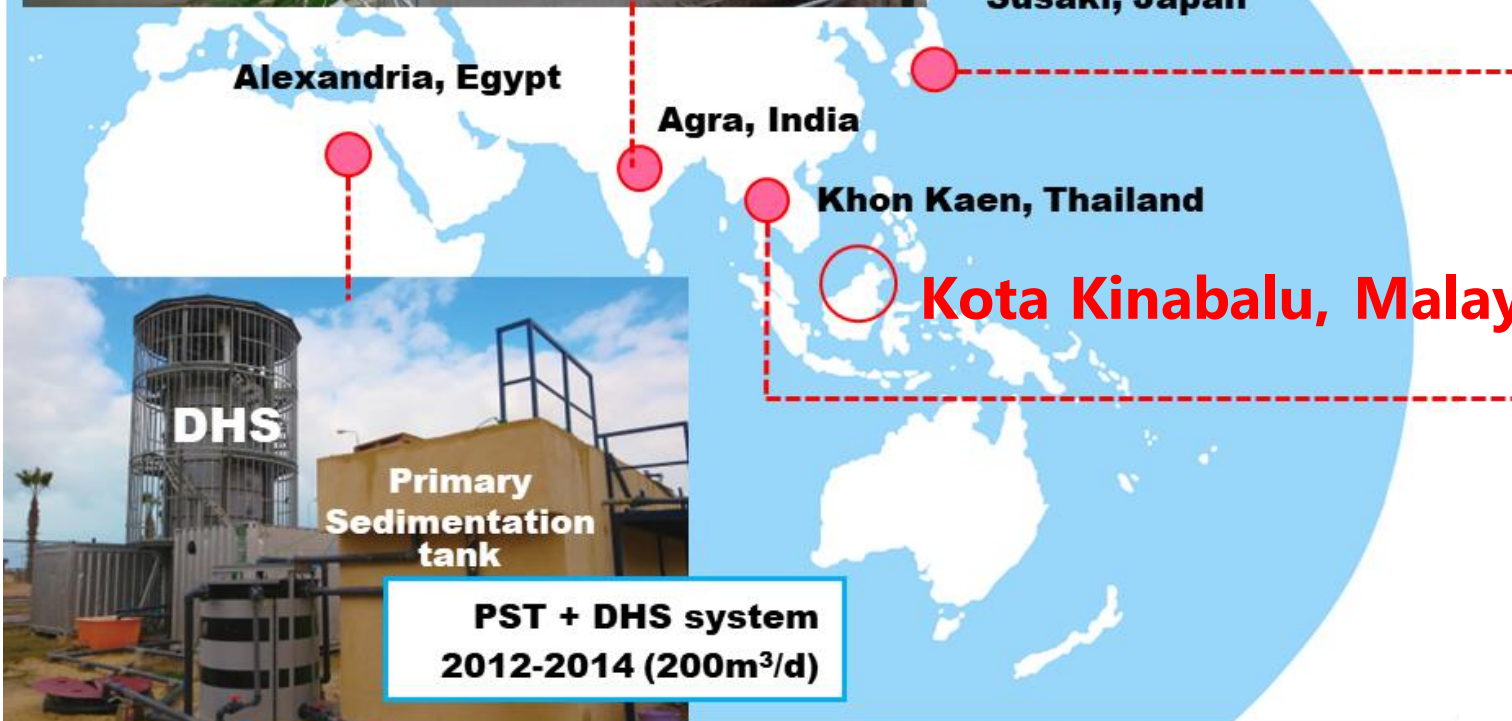
**UASB + DHS system
2012-2014 (5,000m³/d)**



Before operation Under operation



**Compact Package type DHS
2016- (500m³/d)**

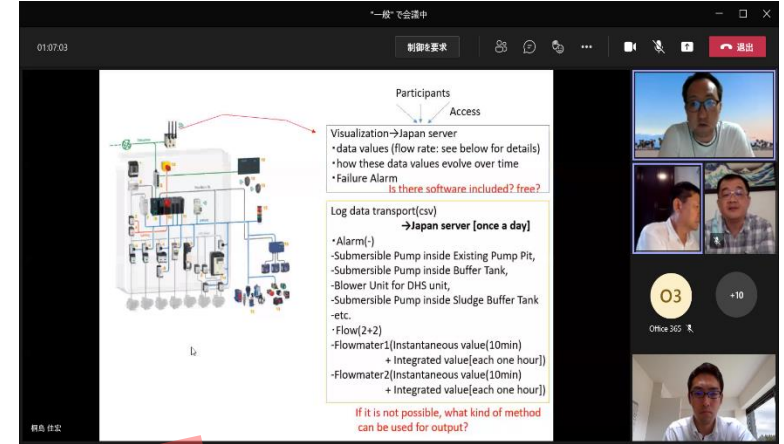
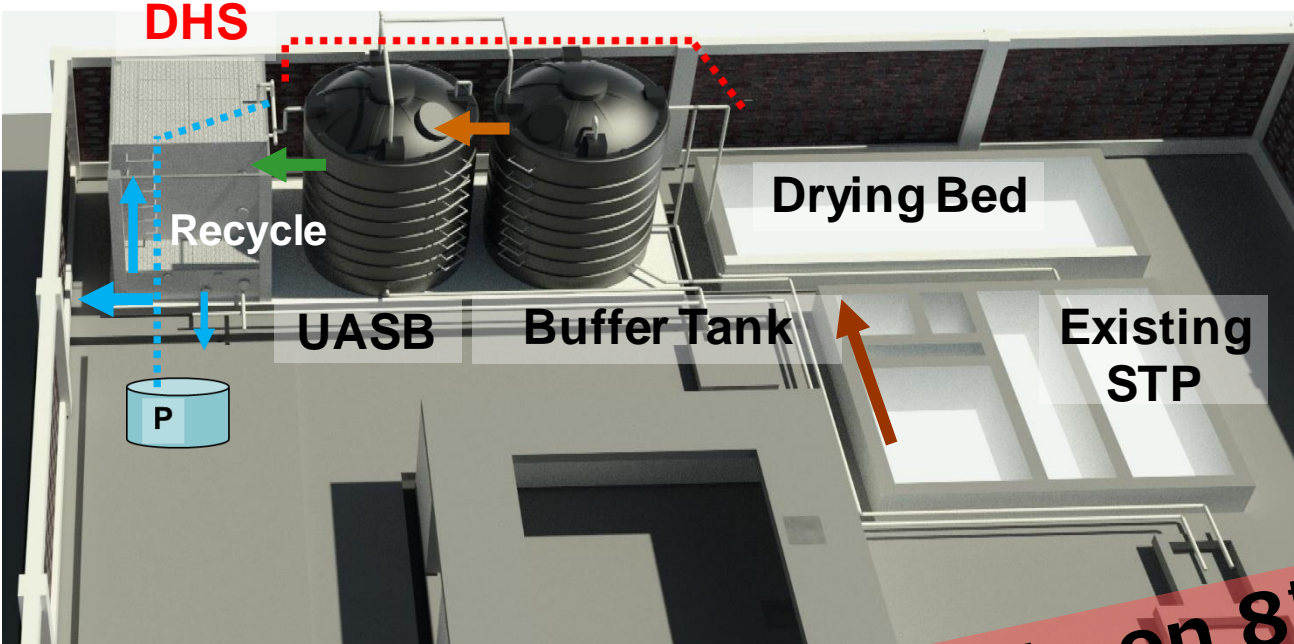


DHS
Primary Sedimentation tank
**PST + DHS system
2012-2014 (200m³/d)**



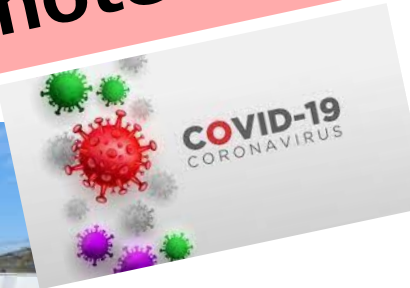
**PST + DHS system
2018- (100m³/d)**

Pilot Project in Kota Kinabalu, Malaysia P.J. under MOE JAPAN



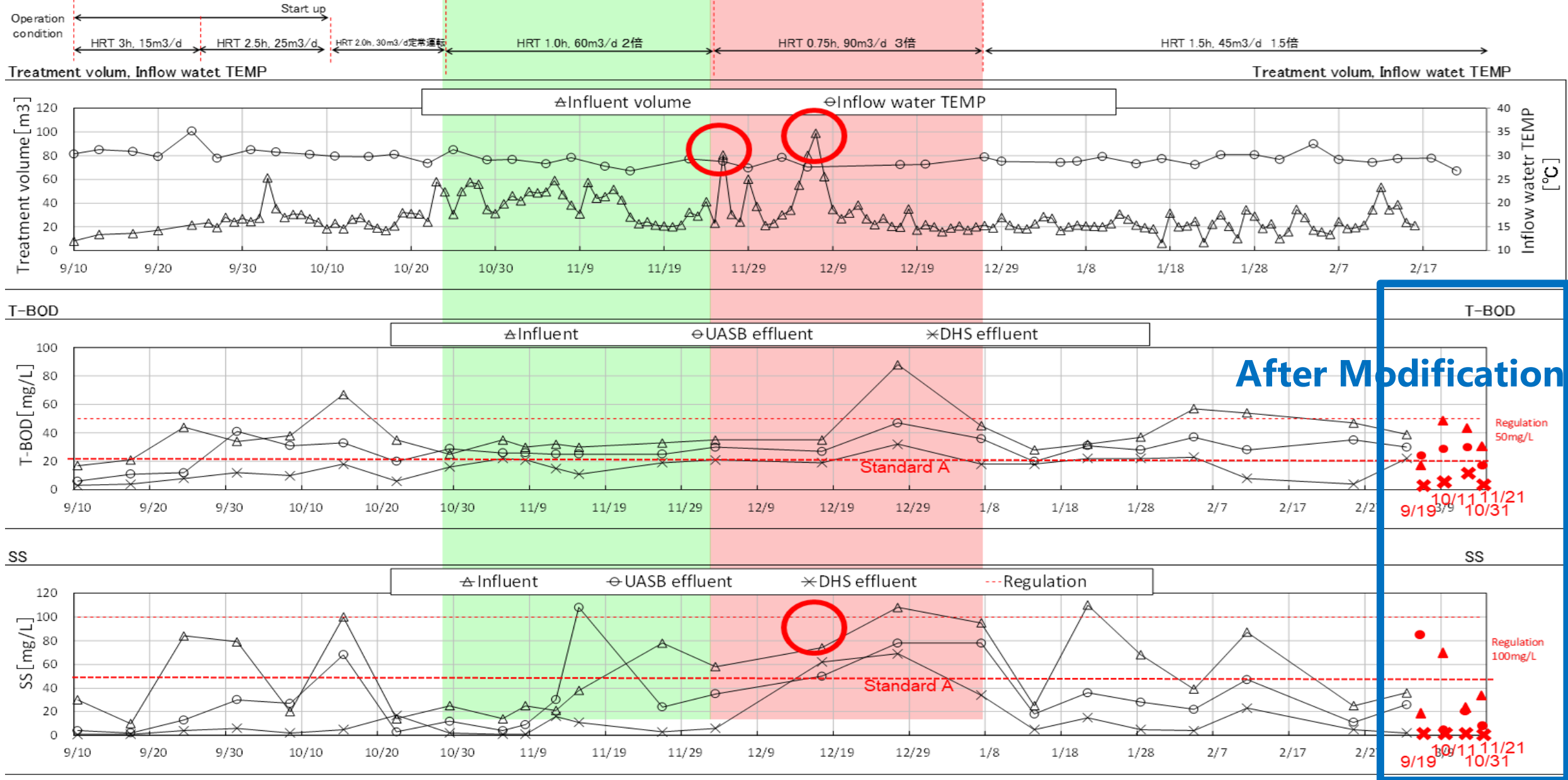
**Complete on 8th Sept. 2021
100% by Remote**

**High Performance
of Malaysian Side**



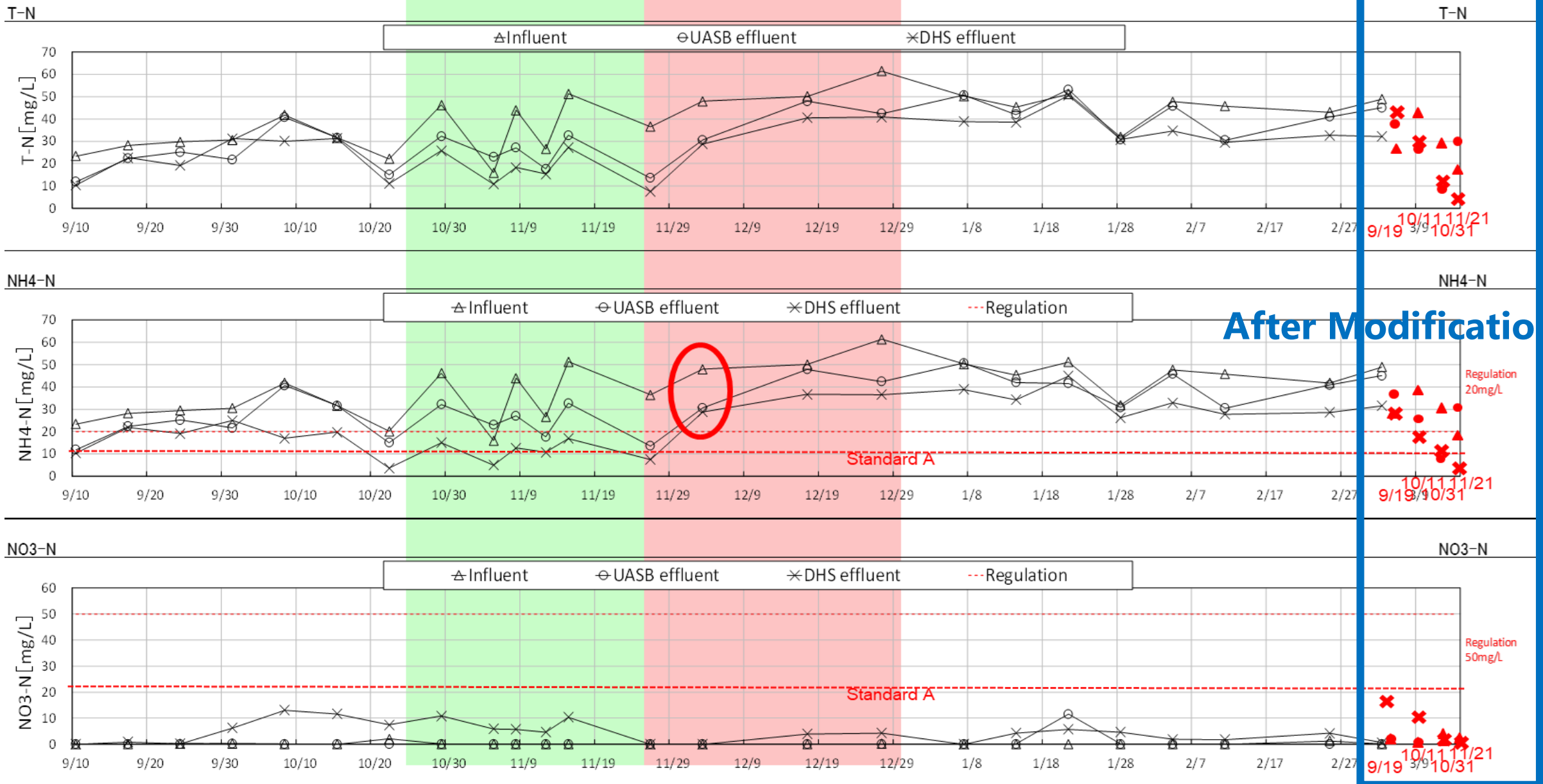
Flow, Temperature, BOD and SS Results in the Pilot Plant

2 Times = 60m³/d 3 Times = 90m³/d 1.5 Times = 45m³/d



T-N, Ammonia and Nitrate Results in the Pilot Plant

2 Times = 60m³/d 3 Times = 90m³/d 1.5 Times = 45m³/d

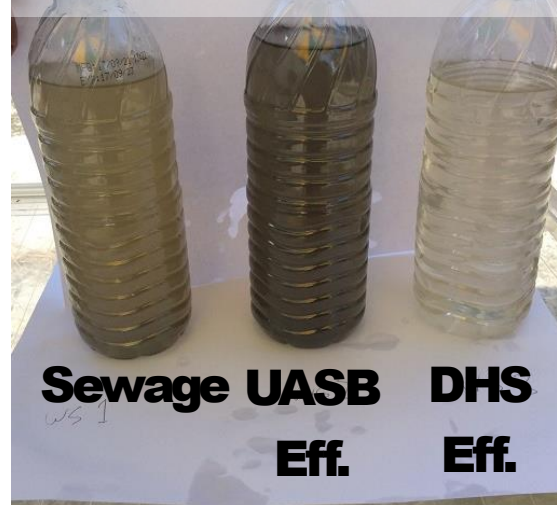




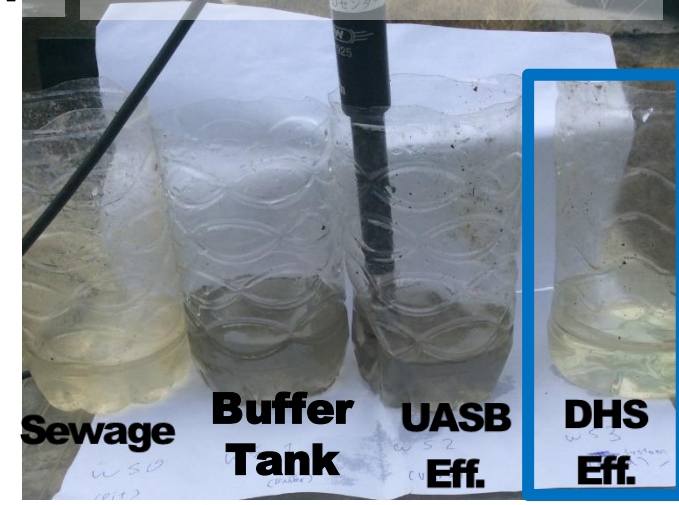
Kota Kinabalu City Hall officially approved and impressed this system!!

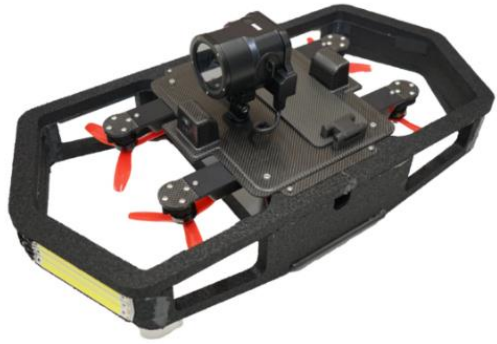


1 Month after Start-up



After Modification





SkyScraper
スカイスクレイパー

- | | |
|--|--|
|  施設情報
Facility DB |  雨量情報
Rain Map |
|  運転監視
Monitoring |  固定資産
Assets DB |
|  管路情報
Pipe Line DB |  企業会計
Accounting Sys. |
| |  料金徴収
Billing & Collection |



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Thank you for your kind attention!!