



W.O.G TECHNOLOGIES Pte. Ltd.

(Process Technologies & Solutions)
Commitment Towards Cleaner Environment

Mead Johnson Nutrition (S) Pte Ltd, Singapore - A Case Study

A WASTEWATER TREATMENT PLANT



Mead Johnson was founded in the United States and continues to maintain its worldwide headquarters there, it is a global company with more than 70 products in over 50 countries. Mead Johnson has been a world leader in infant nutrition for over a century. In 2014, **Mead Johnson Nutrition (s) Pte. Singapore** started new production and research complex in Singapore. The pediatric nutrition company's latest complex in Tuas represents the single largest capital project in the company's 100-year history. The complex includes a state-of-the-art manufacturing plant that will supply ingredients and products to a number of strategic and fast-growing markets in Asia.

Effluent generated from the process is neutralize using WOG technologies and discharge to drain.

Year of Installation: 2015

Plant Details:

| Parameter | Unit | Inlet | Outlet |
|-----------|-------------------|-------|--------|
| Flow Rate | m ³ /d | 700 | 700 |
| BOD | mg/L | 2000 | <300 |
| COD | mg/L | 2500 | <500 |
| TSS | mg/L | 350 | <100 |
| TDS | Mg/L | 660 | 660 |

Treatment Scheme: Screening for Solids - Equalization Tank (EQT) — Neutralization Tank – Off Spec Tank – Discharge to Penstock

Scope of Work: The scope of work included complete design, engineering, manufacturing, supply, installation, commissioning, start-up, and performance and reliability tests, training, operation and Maintenance of the plant.

LOOK OF THE INSTALLATION



BENEFITS

- Operation & Maintenance of the Plant is WOG's responsibilities.
- High Operating Standards maintained by Professionals.
- Consistent Treated Water Quality for Disposal.

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