

Crude Oil Pier Reservoir

Reservoir designed for crude oil pier projects. It incorporates a concrete dam structure and water intake/outtake mechanisms.



Project Overview

Supporting Infrastructure for Crude Oil Pipelines

This water supply reservoir serves as critical support infrastructure for the China-Myanmar oil and gas pipeline terminal located on Langley Island in the Bay of Bengal. Designed for multi-purpose utility, the reservoir handles crude oil terminal water requirements while simultaneously supporting the water needs of local populations, livestock, and agricultural irrigation. The project was executed under an EPC contract signed in February 2011 and completed in November 2011.

Capacity and Specifications

Total Reservoir Capacity

810000 m3

Total Capacity

Adjustment Capacity

550000 m3

Project Timeline

EPC Contract Date

February 2011

Project Completion Date

November 2011

Project Details

Primary Applications

- Crude oil terminal water supply
- Local residential water consumption
- Livestock water supply
- Agricultural irrigation

Location

Myanmar, Bay of Bengal, Langley Island