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DHI PROJECT

Environmental Support to Chevron Thailand - Exploration and Production

Chevron were seeking environmental approval to construct a Shorebase to support their offshore rigs in the Gulf of Thailand. The marine scope for the project involved construction of a trestle jetty and dredging of a navigation channel and turning basin for the jetty. Following submission of the EIA to the Authorities, a number of concerns were raised, and DHI was engaged by Chevron to help to address these concerns.

CLIENT

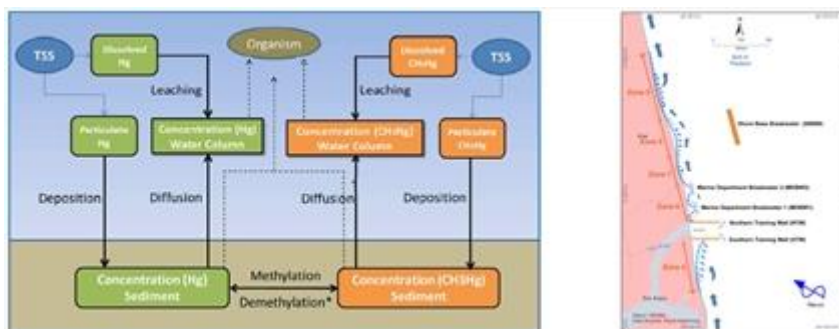
Chevron Thailand Exploration and Production, Ltd

PROJECT PERIOD

2011 - 2012

COUNTRY

Thailand



DHI's scope of work included:

Dredge Management Advice: Remodelling and Optimisation of the dredging program and development of environmental management measures (including a spill budget) in order to ensure compliance of the dredging with EIA commitments and the requirements of the Authorities.

Bioaccumulation Risk Assessment: Desktop literature review, initial rapid assessment, followed by detailed ecological modelling of potential bioaccumulation of Arsenic and Mercury on marine fauna and consequent human health risks using ECOLAB.

Benthic Fauna Impacts: Literature review to document the recovery of benthic fauna from dredging related impacts.

Coastal Erosion: Review of coastal erosion study undertaken previously, assessment of potential erosion impacts and mitigation measures, development of presentation material for Authorities, and responding to queries from Authorities.