

CASE HISTORY

Pikka Development Project Standalone STP Facility

Project Description

Oil Search Alaska is pursuing the Pikka Development in the north of Alaska. This requires drilling of wells, construction of facilities and infrastructure, subsequent production operations to produce and transport crude oil.

To support the facility, a Seawater Treatment Plant is to be provided on a barge to provide water injection facilities at the facility. This barge will be floated into a graving dock and ballasted to rest on the seafloor. Sealand Projects coordinated the T&I activities and interfaces of the barge from Batam, Indonesia, to South Korea for integration and onward dry tow to Alaska for final wet tow into position.

Our Scope

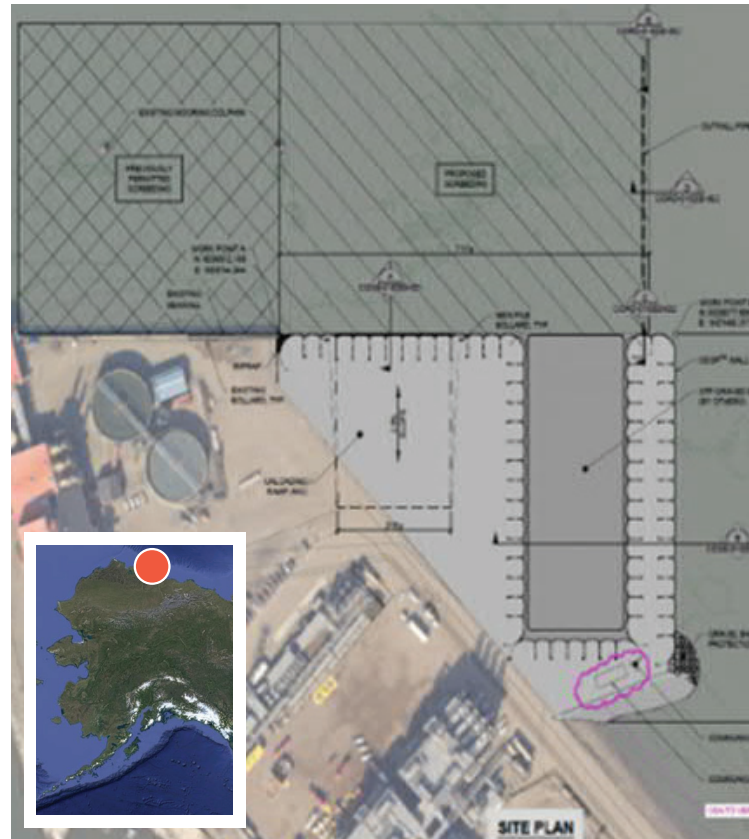
Facilitate transportation through analysis and procedures for the following stages:

- STP modules from Batam, Indonesia, to integration yard in South Korea via HLV;
- Wet tow of STP barge from South Korean yard to SHLTV;
- Dry tow of STP barge to Alaska;
- Offload of STP barge in Alaska;
- Wet tow STP barge to graving dock;
- Set down and ballast STP barge.

Support installation of STP barge in Alaska including shallow water tow, pull-in to graving dock, temporary and permanent ballasting and final installation for operations to commence.

Deliverables

- Design Premise;
- Tow analysis;
- Method Statements;
- Project Execution Plan;
- Route plans;
- HSEQ documentation;
- HLV and SHLTV scopes of work;
- Ballasting and de-ballasting scopes of work;
- Tow Procedures.



Key Facts

Client:	VME
Location:	Alsaka
Water Depth:	2m
Date:	Q2 2021 - ongoing
Project Reference:	P0527

Services Provided

Package Management

- Business Assurance
- Carbon Management
- Energy Transition

Engineering Design and Analysis

- Marshalling, Transport, Installation and Field Support
- Floating systems, Towing, Mooring and Hook-Up
- Visualisation and Digitalisation

For more information:

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