

Note: The following press release is an English translation of the Japanese-language original.

March 16, 2017

INPEX CORPORATION
Chiyoda Corporation
METAWATER Co., Ltd.

Construction Completion Ceremony Held for Demonstration Plant for Produced Water Treatment at Yabase Oil Field in Akita Prefecture, Japan

INPEX CORPORATION (“INPEX”, President & CEO: Toshiaki Kitamura), Chiyoda Corporation (Vice President: Keiichi Nakagaki) and METAWATER Co., Ltd. (“METAWATER”, President: Yasushi Nakamura) (referred to as the “three joint commissioned companies”), announced today that they celebrated the completion of construction of the Yabase Oil Field Demonstration Plant for Produced Water Treatment (Demonstration Plant) in Akita Prefecture, Japan.

The construction of the Demonstration Plant is part of the ongoing work relating to “Small-scale Demonstration of Ceramic Membrane-based Produced Water Treatment Technology” that the three joint commissioned companies undertook in July 2015 as Japan Oil, Gas and Metals National Corporation’s (JOGMEC) “JOGMEC Technical solutions project Phase 2” (“commissioned work”).

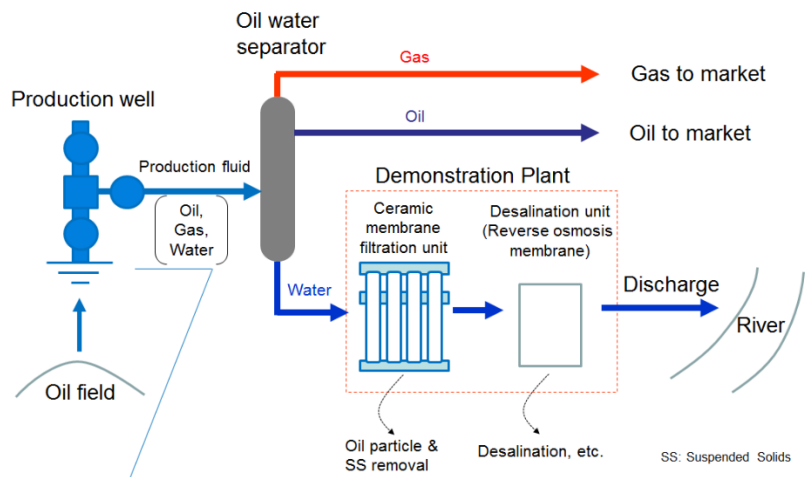
The Demonstration Plant was constructed inside the Soto-Asahikawa Plant at INPEX’s Yabase Oil Field as well as adjacent locations in Akita Prefecture, Japan. It is a small-scale demonstration plant used to demonstrate the technology for treating water produced from an oil field utilizing METAWATER’s ceramic membrane filtration system. Construction of the Demonstration Plant began in August 2016 and was completed in January 2017. After the plant’s commissioning work, the Demonstration Plant began conducting demonstration tests in March 2017. The tests are expected to run for approximately 7 months.



Going forward, the three joint commissioned companies will continue to engage in the commissioned work to establish produced water treatment technology utilizing this ceramic membrane to improve the economics of oil production activities, extend oil field lifespans and reduce environmental impact in order to contribute to the stable and efficient provision of energy as well as environmental sustainability.

(Outline of Demonstration Plant)

Plant name: Yabase Oil Field Demonstration Plant for Produced Water Treatment
Key infrastructure: METAWATER's ceramic membrane filtration unit, desalination unit, others
Treatment capacity: 150 kiloliters per day
Treatment water: Produced water from Yabase Oil Field
Attributes: Conforms to river discharge standards mandated by Akita Prefecture



Demonstration Test Flow Chart



Ceramic membrane filtration unit

(Inquiries)

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