



## APPENDIX 3

# International Requirements for Water Use Management and Ground Water Protection

## Purpose

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To specify international standards and other requirements formally adopted by Sakhalin Energy in relation to Water Use management and Ground Water Protection, in accordance with Russian Federation legislation, Lender and Shareholder requirements.

## Who is this for?

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- *Managers*<sup>1</sup>;
- *Environmental Specialists*.

## Requirements

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Water management activities shall comply with the provisions of the following internationally recognized standards and conventions (ratified by Russian Federation) and other requirements:

- Environmental, Health, and Safety (EHS) Guidelines. General EHS Guidelines: (IFC, April 30, 2007)
- Environmental, Health, and Safety Guidelines for Offshore Oil and Gas Development (IFC, June 5, 2015)
- Environmental, Health, and Safety Guidelines for Liquefied Natural Gas (LNG) Facilities (IFC, April 11, 2017)
- Environmental, Health, and Safety Guidelines for Ports, Harbors, and Terminals (IFC, February 2, 2017)
- IFC Performance Standard 3 Resource Efficiency and Pollution Prevention (IFC, January 1 2012), Clause 6 Resource Efficiency and Clause 9 Water Consumption, 10 Pollution Prevention
- Control of Pollution (Oil Storage) (England) Regulations 2001 WHO Guidelines for drinking water quality, 4<sup>th</sup> edition.
- EC Directive concerning urban waste water treatment (91/271/EEC).
- EC Directive on the quality of fresh waters needing protection or improvement in order to support fish life (2006/44/EC)
- EC directive establishing a framework for Community action in the field of water policy (2000/60/EC)
- Guidance for Assessing Discharges Shell Global Solutions International B.V., Rijswijk, SR.14.13640, 2014
- Guidance on Water resources Assessments for projects and Assets Shell Global Solutions International B.V., Rijswijk, SR.14.13890, 2014
- Note that some requirements specified in International Requirements for Biodiversity<sup>2</sup>, such as MARPOL, also include provisions applicable to Water Use and Aqueous Discharges.

The Water Use Management and Ground Water Protection Standards Comparison Specification provides a detailed review of the requirements of certain standards in relation to specific Sakhalin Energy Assets and activities, and identifies any approved exceptions/deviations/derogations.

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<sup>1</sup> Italicized terms in this document are included in the [Sakhalin Energy HSE Glossary](#).

<sup>2</sup> Underlined items in this document refer to Sakhalin Energy Controlled Documents.