

**APPENDIX 8****Approved waste disposal facilities of Company and waste accumulation / temporary storage sites****Purpose**

To provide own appropriate facilities for secure, safe, segregated accumulation / temporary storage, and disposal of *waste*¹ at *Sakhalin Energy Assets* (CRIs at offshore platforms and temporary storage sites at all Sakhalin Energy Assets).

Who is this for?

- *Asset/ Site Managers;*
- *Asset/Site HSE Managers;*
- *Asset/Site HSE Professionals;*
- *Environmental Professionals of Central HSE*

Requirements

Managers are *Accountable* for requirements 1 to 4 in their own organisation:

1. Waste emplacement storing and disposal of waste.

Storing waste –waste retention within waste disposal sites until waste can be transferred for disposal, deactivation, or reuse.

Waste disposal – separation of waste which is not intended for any further use, into the special disposal facilities in order to prevent the entry of hazardous substances into the environment: reinjection of liquid industrial waste into the subsurface formations through disposal wells (CRI) due to the excess pressure at the wellhead on Sakhalin Energy offshore platforms

2. In accordance with Russian legislation, waste emplacement for a period exceeding more than 11 months is permitted only at the facilities which are included into the State Register for Waste Storage Facilities (SRWSF or “GRORO” in Russian) and appropriately licensed.

Waste emplacement is carried out at the underground cuttings re-injection (CRI) facilities designed for pilot disposal of drilling wastes, sewage waste water and other fluids on PA-A, PA-B, and LUN-A platforms.

Waste accumulation - temporary storage of waste (for a term not exceeding 11 months)—is permitted by Russian legislation only in areas (on sites) which are marked on the layout attached to the WGDLP and are duly equipped in accordance with the environmental, sanitary, and epidemiological regulatory requirements until viable economic quantities of waste are accumulated, with a view to its further collection, transportation, treatment, utilization, deactivation, and disposal at appropriate authorised on-island facilities, or export off-island.

These Facilities are dedicated waste management sites at approved locations in Sakhalin Energy Assets. The design, location, and capacity of these facilities is presented in the Waste Generation and Disposal Limits (WGWDL) Project for the Asset.

The Company’s industrial assets are responsible for proper segregation and accumulation (temporary storage) of wastes generated at the Assets in accordance with the approved standards.

3. Sakhalin Energy Approved Facilities for Hazard Classes I–V Waste Accumulation / Temporary Storage shall provide:

- a. facilities complying with RF Legal Requirements for Waste Management and with Internationally Recognised Standards for Waste Management²;

¹ Italicised items in this document are included in the [Sakhalin Energy HSE Glossary](#).

² Underlined items in this document refer to Sakhalin Energy Controlled Documents.



- b. clear warning signs (in Russian and English languages) and delineation and/or fencing of the site,
- c. suitable security, fire protection, and environmental protection systems;
- d. regular inspections in accordance with Appendix 12 hereof;
- e. sufficient resources for accumulation / temporary storage of waste generated between shipments off site (to allow for economic and efficient transportation quantities), and sufficient area for waste segregation, handling, packaging and compacting and weighing equipment allocation;
- f. secure and segregated accumulation of all wastes in compliance with Appendix 10 hereof, including segregation of contaminated waste sorted by type and stored in sealed multi-layer containers, and segregation of Wastes for further use;
- g. safe physical separation of incompatible waste (e.g. acids and alkalis, organic materials and strong oxidizing agents), and adequate ventilation for handling of hazardous waste (volatile, oily materials, chemicals, etc.);
- h. suitably-sized bulk hydrocarbon storage tanks (drums) for liquid waste (oils and chemicals, etc.) accumulation, with suitable volume containment and run-off capture (trays, bunding, and cover);
- i. accumulation of recyclable waste in a state suitable for further handling;
- j. contaminated container treatment capacity as required,
- k. spill containment for liquid wastes such as oil and chemicals, etc.

4. Sakhalin Energy Approved Waste Accumulation / Temporary Storage Facilities for Hazard Class 1, 2 or 3 shall (given the requirements set forth in par. 3 above):

- a. provide reliable isolation from the environment and potential weather impacts (e.g. roof, wall, sheds, concrete floor, trays, bunding) to prevent waste impact on the soil and waters), and
- b. prevent unauthorised access to accumulation sites for waste of Hazard Classes I–III, excepting maintenance personnel.

This Standard does not govern waste management at marine vessels (oil and gas loading in Prigorodnoye, provision and/or accommodation of personnel, etc.), which shall be guided by Annex IV of MARPOL 73/78 (Sewage) and Annex V of MARPOL 73/78 (Garbage) when handling own waste.