

**APPENDIX 8****Protected Areas, Plants, Lichens, and Fungi****Purpose**

Define specific controls for managing *Risk*<sup>1</sup> to protected areas as well as protected plants, lichen and fungi species.

**Who is this for?**

- *Onshore Asset Managers,*
- *Corporate Environmental Manager;*
- *Project Managers, Contract Holders and Contractors* with construction work scope potentially affecting protected bird, plant and fungi species.

To be clear, requirements 1 to 3 are applicable to operations phase. Requirements 4 to 5 are only applicable for the construction phase of projects and project expansions potentially affecting protected plants, lichens and fungi species.

**Requirements for operations phase**

1. Specific mitigation measures shall be urgently developed and implemented in each case, according to the mitigation hierarchy, when there is a potential hazard to the populations of protected plant, lichen and fungi species at the areas on or adjacent to the onshore assets (EIA-A, Chapter 11 Protected Areas, IFC PS 6).
2. Within protected areas (reserves, nature monuments, etc.) located near onshore assets, risk reduction actions shall be implemented to reduce risk of impact to ALARP.
3. In each case, when protected plant species establish their populations at the right-of-way and/or any other industrial asset area, a specific action plan shall be developed and mitigation measures implemented in line with ALARP principle. The conservation status of a species, its life strategy, population density, biology and ecology shall be assessed and taken into consideration when determining mitigation measures.

**Requirements for construction activities**

4. Before any construction activities (e.g. vegetation clearance) start, the baseline survey for the protected plant, lichen and fungi species shall be carried out within the footprint of construction, with subsequent monitoring of the status of protected species populations in case they are found in accordance with [HSE Monitoring Overview](#).
5. If construction works are planned within or nearby to protected areas, additional mitigation measures shall be developed and implemented according to the mitigation hierarchy to mitigate to ALARP the potential negative impact (EIA-A, Chapter 11 Protected Areas) on the above-mentioned species.

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