

Environmental Examination Report

- (1) Project Name
Development of gas field and construction / operation of LNG plant
- (2) Project Site
Yamal Peninsula, Russian Federation
- (3) Project Outline
Development of gas field and construction / operation of LNG plant
- (4) Category Classification
Category A
- (5) Reason for Classification
The project includes sensitive characteristics and is located in or near sensitive areas under the Environmental Guidelines.
- (6) Environmental Permits and Approvals
Environmental approval for Environmental Social Impact Assessment has been issued by competent authority with some conditions.
- (7) Pollution Mitigation Measures
It is confirmed that air quality, water quality, waste, noise, vibration, soil contamination, land subsidence, odor and bottom sediment are properly managed.
- (8) Natural Environment
Appropriate measures are taken to avoid impacts to the natural environment.
- (9) Social Environment
It is confirmed that no land acquisition and involuntary resettlement will occur.

(1 0) International Standard
IFC Performance Standard

(1 1) Others, Monitoring

Taking the above environmental review into consideration, JBIC will monitor environmental permits, ecosystem and working conditions including occupational safety.

(Yes / No)

If you answered “Yes”, it is not necessary to reply to the following questions.
If you answered “No”, please reply to questions 12 and after.

Q12. Does the project belong to either of the sectors that impact on the environment is deemed immaterial or is not anticipated under normal conditions (e.g. maintenance of the existing facilities, non-expansionary renovation project, acquisition of rights and interests without additional capital investment)?

(Yes / No)

If you answered “Yes”, it is not necessary to reply to following questions.
If you answered “No”, please reply to the questions 13 and after.

Q13. Does the project belong to the following sectors?

(Yes / No)

If you answered “Yes”, please specify the sector by marking, and reply to questions 14 and after.
If you answered “No”, it is not necessary to reply to the following questions.

- (1) Mining
- (2) Oil and natural gas development
- (3) Pipelines
- (4) Iron and steel (projects that include large furnaces)
- (5) Non-ferrous metals smelting and refining
- (6) Petrochemicals (manufacture of raw materials; including complexes)
- (7) Petroleum refining
- (8) Oil, gas and chemical terminals
- (9) Paper and pulp
- (10) Manufacture and transport of toxic or poisonous substances regulated by international treaties, etc.
- (11) Thermal power
- (12) Nuclear power
- (13) Hydropower, dams and reservoirs
- (14) Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale logging or submarine electrical cables
- (15) Roads, railways and bridges
- (16) Airports
- (17) Ports and harbors
- (18) Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or their vicinity
- (19) Waste management and disposal
- (20) Agriculture involving large-scale land-clearing or irrigation
- (21) Forestry
- (22) Tourism (construction of hotels, etc.)

Q14. Please provide information on the scale of the project (project area, area of plants and buildings, production capacity, amounts of power generation, etc.) Further, please explain whether an execution of EIA is required on account of the large scale of the project in the country where the project is implemented.

MATERIAL ENVIRONMENTAL PERMITS¹

1. Material Environmental Permits obtained or to be obtained before Financial Close

No.	Regulatory Approval	Permit Holder
1.	Positive conclusion by the Expert Commission of the State Environmental Expert Agency on the facility design documentation package (i.e. Russian State Environmental Expertise) relating to certain of the Initial Project Facilities, including aspects of the LNG Complex, the Upstream Facilities, the General Infrastructure and the Marine Facilities	Borrower
2.	Resolution to provide a water body for use for hydraulic structures with respect to mooring berth at the Marine Facilities – for construction	Borrower
3.	Water use contracts with Department of Natural Resources of YNAO to intake water from the water body for household needs – for construction	Borrower
4.	Projects of sanitary protection zones in intended water intake locations (i.e. Glubokoe Lake, Nameless Lake) – for construction	Borrower

2. Material Environmental Permits to be obtained after Financial Close

No.	Regulatory Approval	Permit Holder
1.	Waste water discharge permits – for construction	Construction Subcontractors
2.	Air emissions permits – for construction	Construction Subcontractors
3.	Waste disposal permits – for construction	Construction Subcontractors
4.	License to operate explosive, fire and chemically hazardous production facilities of hazard classes I, II and III – for operations	Borrower/Airport Subsidiary/Third party operators
5.	Air emissions permit – for operations	Borrower/Airport Subsidiary/Third party operators
6.	Waste water discharge permit – for operations	Borrower/Airport Subsidiary/Third party operators
7.	Resolution to provide a water body for use for hydraulic structures with respect to mooring berth in the Seaport –for operations	Borrower

¹ Approvals cover all Project-related facilities (LNG Plant, Seaport and Airport) unless specifically noted otherwise.

No.	Regulatory Approval	Permit Holder
8.	Resolution to provide a water body for use for the purpose of waste water discharge into the water body – for operations	Borrower/Airport Subsidiary/Third party operators
9.	Projects of sanitary protection zones in intended water intake locations (i.e. Ob Gulf)– for operations	Borrower
10.	Water use contract with Department of Natural Resources of YNAO to intake water from the water body for domestic, potable and production needs of the Project facilities – for operations	Borrower
11.	Waste disposal limits and projects of waste generation quotas (for solid domestic waste disposal) – for operations	Borrower/Airport Subsidiary /Third party operators
12.	License to carry out activities on collection, use, treatment and disposal of wastes of hazard classes I-IV – for operations	Borrower/Airport Subsidiary /Third party operators