



Preparation of regional pre-investment studies in the Western sector of the Russian Arctic

Design and construction of Waste Water Treatment Plant in Severomorsk of Murmansk region

Background

NPA-Arctic Project is a program which shall contribute to prevent pollution of the Arctic marine environment. One of the prioritized measures for the NPA-Arctic is to develop regional pre-investment studies for projects in Arctic Regions of Russia that can contribute to reduced pollution.

A pre-investment study is an analysis which is undertaken in order to prepare a project for implementation. It includes a full technical description of a project, including concept, regulatory requirements, environmental and social aspects as well as concept price calculations. The technical description is followed by a financial analysis which assesses the investment needs and suggests potential investment and financing possibilities.

Design and construction of Waste Water Treatment Plant in Severomorsk

In the City of Severomorsk of the Murmansk Region, industrial and social facilities discharge over 7.9 mln m³ of untreated wastewater yearly through 5 sewage outlets into the Kola Bay. The wastewater contains over 3,000 tons of pollutants. Untreated sewage discharge from the area of Severomorsk has an impact on the shore strip of the city and, consequently, on the environment of Severomorsk region with 68,000 population.

The project is planned to be realized by MUE «Severomorskvodokanal».

As a result of this project's completion, untreated wastewater discharge into Kola Bay (which is a fishery water object) in amount of more than 7900 thousand m³ per year will be stopped.

This IEP can be replicated within the region considering the fact that the sewage water treatment problem is one of the most critical for Murmansk Region.

For more information:

Final Report on Design and Construction of Wastewater treatment plant in Severomorsk is available at Customer, Client and Consultant office and is opened for comments during 2 weeks since its publishing. For more information, please, contact:

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