

Regional pre-investment studies in Naryan-Mar

Modernisation of the Waste Water System in the settlements Kachgort and Bondarny of Naryan-Mar in the Nenets Autonomous Okrug



Background

The administration of Naryan-Mar is cooperating with the NPA-Arctic Project to provide technical and financial documentation for the existing systems of waste water treatment in the settlements Kachgort and Bondarny in Naryan-Mar. The NPA-Arctic Project is a program which shall contribute to prevent pollution of the Arctic marine environment. One of the prioritised 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. The Nenets Autonomous Okrug belongs to the Central Arctic Region together with Arkhangelsk Region, Komi Republic and Yamalo-Nenets Okrug. Development of pre-investment studies for implementation of projects in Naryan-Mar was recommended by the Municipal Administration of Naryan-Mar.

Regional Pre-Invest Studies

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.

Modernisation of the Waste Water Treatment Facilities in the settlements Kachgort and Bondarny in Naryan-Mar

Based on the existing information, a quantitative assessment of viable technologies was made and it was determined that the most appropriate technology in accordance to legal, technical and environmental requirements is prefabricated block-modular small sized plants. Applying prefabricated block-modular treatment facilities in the settlements of Kachgort and Bondarny enables design of waste water treatment in accordance to current requirements and is well adaptable for future requirements.

In each settlement, the modernization of the waste water treatment facilities by applying prefabricated block-modular treatment facilities entails the following tasks:

1. Design of prefabricated block-modular plants according to consumption and legal/environmental requirements.
2. Implementation of the prefabricated block-modular plants.
3. Training of staff.

For more information:

The Final Report on Modernisation of the Waste Water System in the settlements of Kachgor and Bondarny in Naryan-Mar is available at Customer, Client and Consultant office or their web-sites and is opened for comments during 2 weeks since its publishing. For more information, please, contact:

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