

## PROJECT INFORMATION

### Verification and further development of the monitoring system for the Krasnyi Bor landfill (Russia)

Updated: June 2018



Open lagoon at Krasnyi Bor landfill after covering with an anti-filtration coating in 2017

Source: Government of St. Petersburg, Committee for Nature Use, Environmental Protection and Ecological Safety

## Background

The Krasnyi Bor landfill near St. Petersburg is listed as a hot spot by HELCOM for its inadequate handling of hazardous wastes and associated environmental risks of toxic chemicals leaching into the Baltic Sea. Therefore, the Nordic Environment Finance Corporation NEFCO was asked by HELCOM to co-ordinate international support to improve the environmental safety of the Krasnyi Bor landfill. The objective of the various measures to be developed is to prevent any pollution from the Krasnyi Bor landfill and to remove it from the HELCOM list of hotspots. The German Ministry for the Environment decided to contribute to these efforts with an advisory assistance project for verification of the current status of the monitoring system of the Krasnyi Bor landfill and to develop recommendations for its further development.

## Project details

A monitoring system has continuously to monitor the landfill to determine and quantify emissions and to verify the success of future remediation measures. The Russian institutions in charge for the Krasnyi Bor landfill have already implemented a monitoring system according to Russian normative documents, which is currently being operated. In order to determine the level of environmental impact, it monitors the state of air, superficial, underground and waste waters as well as soil cover, flora and fauna. The German experts verified this monitoring system and assessed it for its compliance with European and HELCOM requirements. Recommendations for further development were developed. The German experts presented the outcomes during a workshop dedicated to the results of the international projects on the environmental rehabilitation of the Krasnyi Bor hazardous waste landfill organised by NEFCO and the Committee for Nature Use, Environment Protection and Ecological Safety of St. Petersburg on 24 May 2018.

**Beneficiary country:** Russia  
**Duration:** 07/2017 – 05/2018  
**Beneficiaries:** Government of St. Petersburg, Committee for Nature Use, Environmental Protection and Ecological Safety, State Unitary Nature Protection Enterprise Krasnyi Bor landfill  
**Implementing organisation:** GFI Groundwater-Consulting-Institute GmbH Dresden  
**Project number:** 85984

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