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HOT SPOTS



HELCOM HOT SPOTS INVENTORY IN RUSSIA

PREPARATION OF THE HOT SPOTS REPORT INCLUDING THE HOT SPOT QUESTIONNAIRE - REPORT ON THE STATUS OF HELCOM'S HOT SPOTS IN RUSSIA.

IMPLEMENTATION OF THE BALTIC SEA JOINT COMPREHENSIVE ENVIRONMENTAL ACTION PROGRAMME (JCP) 1992-2013 (HOT SPOTS COMPONENT)

Implemented by Ecological Monitoring, Management, Audit and Consulting Ltd. (ECOMMAC) and the Biodiversity Conservation Center (Main Consultant)

BACKGROUND

Following the decision of the HELCOM Moscow Ministerial Meeting (2010), the report on the current status of the Russian hot spots was presented to the HELCOM Copenhagen Ministerial Meeting in 2013. The report has been prepared in compliance with the re-

quirements of the agreement between HELCOM and ECOMMAC in December 2012 and contains an assessment of the current state of HELCOM's list of Russian Hot Spots.

OBJECTIVES

- To review and update the materials produced for the HELCOM LAND meeting in May 2012 concerning the status of the Russian hot spots (Saint-Petersburg, Kaliningrad and Leningrad Regions)
- To prepare an input to the HELCOM assessment on the implementation of the JCP for the Ministerial Meeting in 2013
- To evaluate further actions necessary to fulfil the criteria to remove it from HELCOM's list of Hot Spots.

MAIN OUTCOMES

Out of the twelve remaining Russian sites identified in the Baltic Sea catchment, one third could be removed from the original list as the necessary measures to meet the requirements have been introduced. Six hot spots are either implementing or planning for improvements, the study concludes, while two sites remain with lower levels of mitigation efforts. Since the report

was written, further progress has been made. Russia submitted a proposal to HELCOM to delete sub-hot Spot No. 18.1 "Construction of new sewer connections" (Saint-Petersburg).

A questionnaire on the status of the fulfilled requirements was prepared and submitted to the regional authorities and to the representatives of enterprises and organizations of St. Petersburg and Kaliningrad and Leningrad Regions included in the hot spot list.

Based on the analysis of the questionnaire, conclusions were made on the different conditions for removing the 12 Russian hot spots in question from HELCOM's list.

HOT SPOTS OF ST. PETERSBURG AND LENINGRAD REGION

ST. PETERSBURG

No. 18 (sub-hot spots 18.1-18.19) Municipal waste water treatment in St.-Petersburg

18.1 Waste Water Treatment Plant (WWTP) collectors

18.11 WWTP Town of Kolpino

18.15 WWTP Settlement of Metallostroy

No. 23 Hazardous Waste Landfill -

State Unitary Nature Conservation Enterprise - Krasny Bor Landfill.

LENINGRAD REGION

No. 14 Syaskiy Pulp and Paper Mill (PPM)

No. 15 Volkhov Aluminium Plant - Metankhim Ltd.

No. 24 Large livestock farms - sewage water treatment and sediment processing.

HOT SPOTS OF KALININGRAD REGION

No. 49 Sovietsk Pulp and Paper Mill

No. 50 Neman Pulp and Paper Mill

No. 67 Waste Water Treatment Plant of Kaliningrad City

No. 69 Cetruss Pulp and Paper Mill

No. 70 Landfill of Hazardous Wastes of Kaliningrad City

No. 71 Fuel and Cargo Complex (FSUE) - State Sea Fishing Port (Port Oil Bunkering Station of Kaliningrad City

No. 72 Agriculture of Kaliningrad Region

RECOMMENDATIONS FOR REMOVING RUSSIAN HOT SPOTS FROM THE HELCOM LIST

After studies on the current state of the Russian hot spots on HELCOM's list, the BASE report concludes that out of the twelve listed Russian Hot Spots, four could be removed from the list as the necessary measures to meet the requirements have been introduced. Six hot spots are either implementing or planning for improvements while two sites remain with lower levels of mitigation efforts.

ST. PETERSBURG

Hot spot **No. 18** (sub-hot spots 18.1-18.19). Municipal sewage water treatment in St. Petersburg.

Sub-hot spot **No. 18.1** - Sewage water treatment plant: collectors. An application for the removal of sub-hot spot No. 18.1 was made and submitted to the 19th meeting of the HELCOM LAND Group in May 2014.

LENINGRAD REGION

Hot spot **No. 15** Volkhov aluminium

plant (Metankhim Ltd.). The Volkhov aluminium plant was divided into three independent enterprises after reorganization. It is proposed to divide this hot spot into three sub-hot spots and remove hot spot **No. 15.1** Parosilovoe Hozyaystvo Ltd. - Volkhov from the list in view of its minor negative impact.

KALININGRAD REGION

Hot spot **No. 49** Sovietsk Pulp and Paper Mill (PPM). The input of nutrients from the former Sovietsk PPM operation has been reduced significantly so that it is now possible to request that it be removed from the list.

Hot spot **No. 50** Neman Pulp and Paper Mill. Neman PPM Ltd. does not, at present, seriously endanger the environment and can be removed from the list of hot spots.

Hot spot **No. 69** Cetruss Pulp and Paper Mill. In view of the closure of paper and cellulose production at the Cetruss PPM and the resulting cessation of water consumption and the discharge of sewage water into the River Pregel, it has been proposed that the enterprise is removed from the list. ●

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