

International Conference
“Water Resources Management in the Barents Region”

Organizers: BEAC Working Group on Environment (chaired by Sweden)
Arkhangelsk Region Government
Dvina-Pechora Basin Management Board, RF Federal Agency of Water Resources
Rosprirodnadzor Directorate in Arkhangelsk Region

Dates: November 30 – December 1, 2010

Venue: Arkhangelsk, North-West Russia

Section Programme

Section 3. Waste Water Treatment and Discharge

Date: December 1, 2010

Time: 9.00 – 16.00

Venue: Agency of Rosprirodnadzor in Arkhangelsk Region, 14 Troitsky Str.

Working language: English, Russian

Moderators: Ms. Svetlana Revura, Head of Water Use Inspectorate of Rosprirodnadzor Directorate in Arkhangelsk Region, Mr. Blecken-Tobias Godecke, Ph.D., Technical University of Lulea.

- 8.45 – 9.00** **Registration.**
- 9.00 – 9.10** **Opening ceremony.**
Welcome word by Mr. Anatoly Minyaev, Head of Rosprirodnadzor Agency in Arkhangelsk Region
- 9.10 – 9.20** **Welcome word** by Mr. Blecken-Tobias Godecke, Ph.D., Technical University of Lulea
- 9.20 – 9.40** **Problems of storm water discharge in Arkhangelsk City**
Ms. Svetlana Revura, Head of Water Use Inspectorate, Agency of Rosprirodnadzor in Arkhangelsk Region
- 9.45 – 10.05** **Problems of storm water treatment at JSC “Zvyozdochka/Ship-Building Centre”, Severodvinsk**
Mr. Vladimir Ivanov, Head of Environmental Department, JSC “Zvyozdochka/Ship-Building Centre”
- 10.10 – 10.30** **Possibilities for low cost waste water treatment and expertise provided by CEWIC**
Dr. Tero Väisänen, Head of Unit of Environmental Measurements and Testing, SYKE Finnish Environment Institute, Finland
- 10.30 – 10.50** **Coffee break**
- 10.50 – 11.10** **Overloading the sewer network in Luleå**
Mr. Stefan Marklund, Manager of Water & Wastewater Services, Municipality of Luleå, Sweden

- 11.15 – 11.35** **Use of modern wastewater treatment methods at JSC “Arkhangelsk Pulp-and-Paper Mill” operating WWTP of Arkhangelsk City**
Ms. Elena Krylova, Engineer, Ecological Division, JSC “Arkhangelsk Pulp-and-Paper Mill/WWTP”
- 11.40 – 12.00** **Challenges in storm water management in cold climate**
Dr. Godecke-Tobias Blecken, Ph.D., Technical University of Luleå, Sweden
- 12.00 – 12.15** **Discussion**
- 12.15 – 13.30** **Lunch**
(cafe, Pomorskaya Str.)
- 13.30 – 13.55** **Conformity of wastewater treatment quality at Arkhangesk WWTP to the related norms and regulations**
Ms. Nadezhda Barkalova, Chief Specialist/Expert, Rosprirodnadzor Agency in Arkhangelsk Region
- 14.00 – 14.20** **Intelligent management of sewer systems**
Mr. Stein Olsen, Water and Environment Sector Coordinator, Ramboll Norway
- 14.25 – 14.45** **Small scale treatment facilities**
Dr. Godecke-Tobias Blecken, Ph.D., Technical University of Luleå, Sweden
- 14.50 – 15.10** *Presentations by municipal waste water services*
- 15.10 – 16.00** **Discussion. Summing-up.**