

ECOLOGY STATE WATER RESOURCES THE REGION OF SEVASTOPOL

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Water supply of the Sevastopol region is realized from numerous 'little rivers' such as the Kacha river, the Belbek river, the Black river.

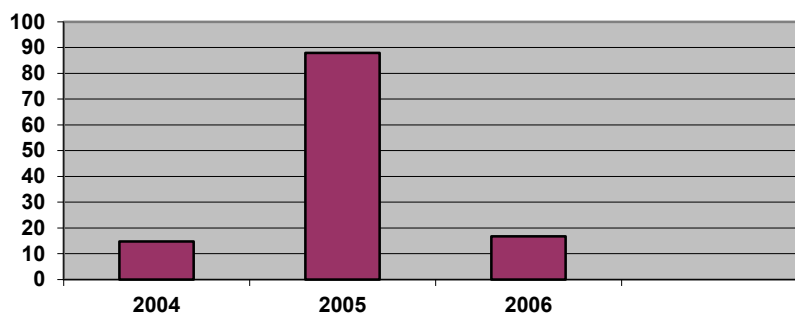
Common length of the Kacha river is 69 km. On river Kacha is situated the East and the West water reservoir.

Common length of the Belbek river is 63 km. On river of Belbek is situated the 'Sadovod' water reservoir.

Common length of the Black river is 35 km. On river of Black are situated the 'Gosfortovskoe' and 'Urkusta' water reservoirs.

The main users of fresh water are communal economy-72% and industry-21%, agricultural-7% in Sevastopol.

Water use in systems of turn, repeat-successive water-supply for 2004-2006 is presented in form of a diagram:



Total range of thrown off returned water in region is 40,79 mln m/year and including 39,95 mln m thrown off returned water in superficial water objects and the Black Sea, 81% is this kind of water insufficiently clean and without cleaning 60% of which was thrown off from water treatment plant mechanical cleaning. Construction water treatment plants of biological purification is not completed because of the storage of money.

The city sewage purification 19,51 mln m/year problem can be solved by means of commissioning of the biological purification unit, which will improve the ecological situation of the coastline and waters of the Black Sea in the area of the Blue bay. The developed program 'The program of urgent technical provisions on water-supply and water removal stabilization in Sevastopol and of the solution of ecological problems in 2005-2009, provides reconstruction, construction and KOS-1 commissioning in 2008 year. The sum of finance is 237,5 mln. hrn. On 2005 the local environment protection fund gave only 100000 hrn. for KOS-1 construction.

In 2005 year insufficiently treated sewage was thrown out from the water treatment plant to the surface of water objects 32,45 mln. m exceeding pollutant standards.

Because of the main sewerage collector on 2005 there were 4 breaks a result of which 10,581 m sewage were thrown into Black Sea. On the same year were 6 cases of aquatorium and coastline pollution. The damage was 131,08 hrn.

The results of analytic control showed that there were 0,3-1,0 mg/l oil products in the sewage and a great amount of heavy metals.

