

Sevidov comprehensive ozone water treatment process involves generating ozone in ozonator and feeding it into contact chamber containing water for oxidation and disinfection, as well as exposing ozonated water to ultraviolet radiation, wherein ozone water treatment process involves multi-channel generation of active radicals through the dosed addition of 7-13 mg/L of hydrogen peroxide to water after ozonation and photocatalytic action of titanium dioxide placed directly in contact chamber. Then, post-chlorination of water is performed by adding chlorine at a concentration of 0.3-0.5 mg/L.