

A plant for waste water purification contains the circulation aeration basin of circular type with the carrier for microbial flora, device for the supplying polluted water, back activated sludge, removal sludge mixture, device for circulation, aeration and mixing. It also contains a located into a circular aeration basin second radial collector. The waste outlet opening in the internal wall of aeration basin is equipped with the reticulated device made in the form of the reticulated drum equipped with the device for its rotation and collector. The carriers for microbial flora are made in the form of the free-swimming plastic carriers for attached microbial flora, placed in the part of aeration basin volume. The movable bridge for service is located on the external basin ring.