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Gravimetric Analysis of Solid Waste from Sanitary Sewage Operating Units of the Insular System, Florianópolis, State of Santa Catarina, Brazil.

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This work aims to identify means of analysing the gravimetric composition of solid waste retained in the fences of some operational units of the Insular sewage system in the municipality of Florianópolis, State of Santa Catarina, Brazil. Two sewage pumping stations (Beira-Mar Norte and Hospital Universitário-Trindade) units were chosen and the railing at the entrance to the sewage treatment station of the system (Insular). The following classes of solid waste were adopted: plastics, metals, styrofoam, civil construction material, dead animals, sanitary napkins, diapers, rags and cloths, organic matter, other or tailings. It is being identified the solid waste observed in greater quantities and in percentages in the sanitary sewage system, which may cause damage to the operational units. The intending action is to be able to propose to local government and the system operator, different ways to educate the population and try to prevent or reduce the appearance of these residues in the sewage systems.