



GRIT CLASSIFIER

Arlat's grit classifiers scrub the biological coating; which is found on grit, removed from the waste stream, in plant head works. This substantially reduces odour in the grit storage area.

Grit can be removed from wastewater streams by using a centrifugal force in a vortex tank separator or by using a mixture of gravity and air pressure in the aerated grit tanks. Quite often this grit has been in the sewer system for some a long period of time. It may have been driven into the plant under increased flows experienced in rainstorm conditions but because of its prolonged exposure to sewage it can be coated in a substantial amount of biological matter. In order to remove this matter so that it can be treated in the plant, the grit is scrubbed in a grit classifier, thus removing the associated odour.

The dimensions of the classifier are varied to suit the customer's flows from the grit tanks. If the grit is pumped from the tanks, the units can be significantly more compact if a cyclone separator is added ahead of the classifier.

Use of an Arlat GC grit classifier will assure you of many years of uninterrupted service. The use of stainless steel trough and reservoir, together with the non-clogging features of the shaftless screw and the elimination of any submerged bearings, will give our machine life unmatched by other equipment available in the market place. In addition, the trough is protected by an UHMW-PE, easily replaceable, wear liner.

