

# Sediment Removal Systems



Most construction sites in our region need dewatering, including the removal of water from deep excavations, trenches and dredges, such water is high in solids, clay, silt and mud.

Aquatreat Sediment Removal Systems guarantees the removal of such solids from concrete hydro-demolition wastewater, construction dewatering, dredge dewatering, trench dewatering, and manufacturing processes. AquaTreat Separation System is designed to treat this water and wastewater along with other applications that require pH, turbidity and total solids control.

## FIELD OF USE

CONSTRUCTION SITES

MUD DRILLING

PILLING

DAMS

AquaTreat Solid Separation Systems are manual or automated this will include in line metering to monitor the influent process water for turbidity and pH. The control measures are automatically metered to adjust the dosing for pH control and Coagulant and polymer feed systems for superior floc of suspended solids. Solids are removed through settling, media filters and bag filters. The final effluent quality is monitored through the PLC for pH and turbidity. If these parameters fall outside of the discharge permit levels the flow of the discharge is automatically diverted back to the beginning stage of the treatment process. This gives peace of mind and avoids costly discharge violations.