Circular Sedimentation (Settling) Tank - Batch Discharges
Pumped Discharges - Step 1 - Tank Filling

CONSTRUCTION DEWATERING WASTEWATER

Submersible pump to remain outside of tank when filling.

ROPE OR CHAIN TO SUSPEND PUMP

HOSE OR FLEXIBLE PIPING MATERIAL

TOTALIZING NON-RESETTABLE FLOW METER

SAMPLE TAP

Sewer clean-out or manhole discharge location as approved by local sewer agency.

LOWER DECANT VALVE TO REMAIN CLOSED AT ALL TIMES. Only to be used for final clean rinse of tank prior to return to rental company.

NOTE: All sediments need to be properly removed and shipped offsite.
Circular Sedimentation (Settling) Tank - Batch Discharges
Pumped Discharges - Step 2 - Quiescent (Undisturbed) Settling

One hour (60 minutes) of quiescent (undisturbed) settling

Submersible pump to remain outside of tank when filling.

Check sediment level (sticks or PVC pipe segments work well).

Lower decant valve to remain closed at all times. Only to be used for final clean rinse of tank prior to return to rental company.

NOTE: All sediments need to be properly removed and shipped offsite.
Circular Sedimentation (Settling) Tank - Batch Discharges
Pumped Discharges - Step 3 - Pumped Discharge of Clarified Wastewater

Starting wastewater elevation

Minimum one-foot (1') elevation of pump intake above sediment

ROPE OR CHAIN TO SUSPEND PUMP

HOSE OR FLEXIBLE PIPING MATERIAL

TOTALIZING NON-RESETTABLE FLOW METER

SAMPLE TAP

Lower decant valve to remain closed at all times. Only to be used for final clean rinse of tank prior to return to rental company.

NOTE: All sediments need to be properly removed and shipped offsite.

Sewer clean-out or manhole discharge location as approved by local sewer agency.

Scale: NTS