

Influent Fine Filter Screen
(Aqua Guard Mechanical Screen)

Aspects: Aeration basin

Frequency: Once every (Shift/Daily)

Record / Documentation:

Log Book

Location: Preliminary Treatment Building

Turn off power @ control panel
Secure brush cover chain
(Influent bar rake assembly)
Release latches on both sides
Open brush cover/shield
(Use step- ladder if necessary)
Hose out debris from inside cover
Remove chain and lower cover
Rake debris from brush area
Hose bristles to remove debris
Turn on control panel
Advance brushes to next row of bristles
Turn control panel off
Repeat rake and hose process for each bristle row and unit until clean
(2 Influent Fine Filter Screen Assemblies)
Re-secure latches and chains
Clean and hose debris in surrounding area as required
Turn on control panel

Evaluate and inspect the following as necessary:

- Drive chain (tension)

Level debris in each dumpster
(Downstairs- front and rear)

Corrective Operational Considerations

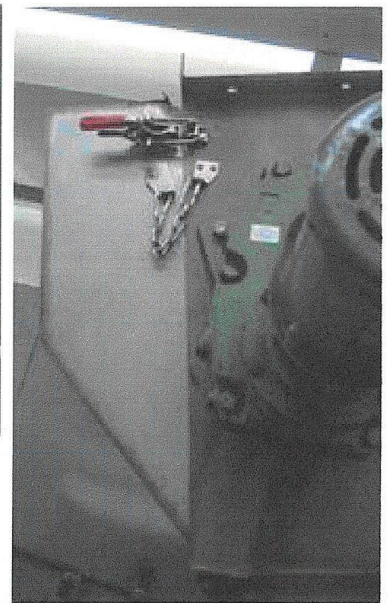
All operators must inform senior operator on shift of changes they are going to make to operation. Senior operators must approve and verify all corrective actions.



Influent Fine Filter Screen Assembly



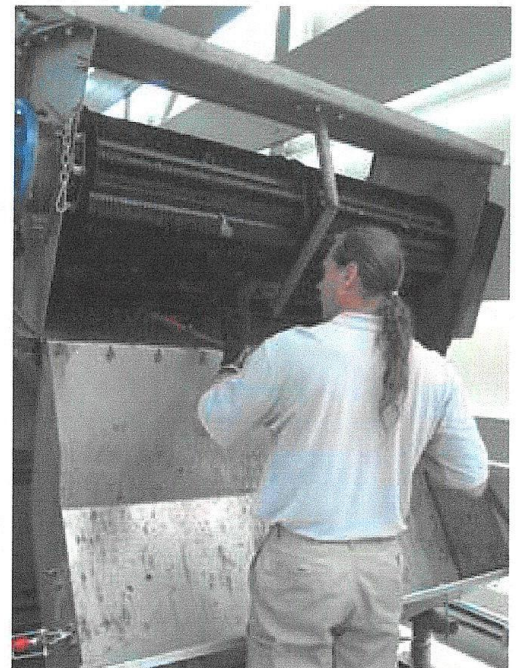
Control Panel



Latch & Chain



Brush Assembly



Raking Process



Effluent Screen (Front View)



Control Panel



Effluent Screen (Rear View)



Effluent Brush