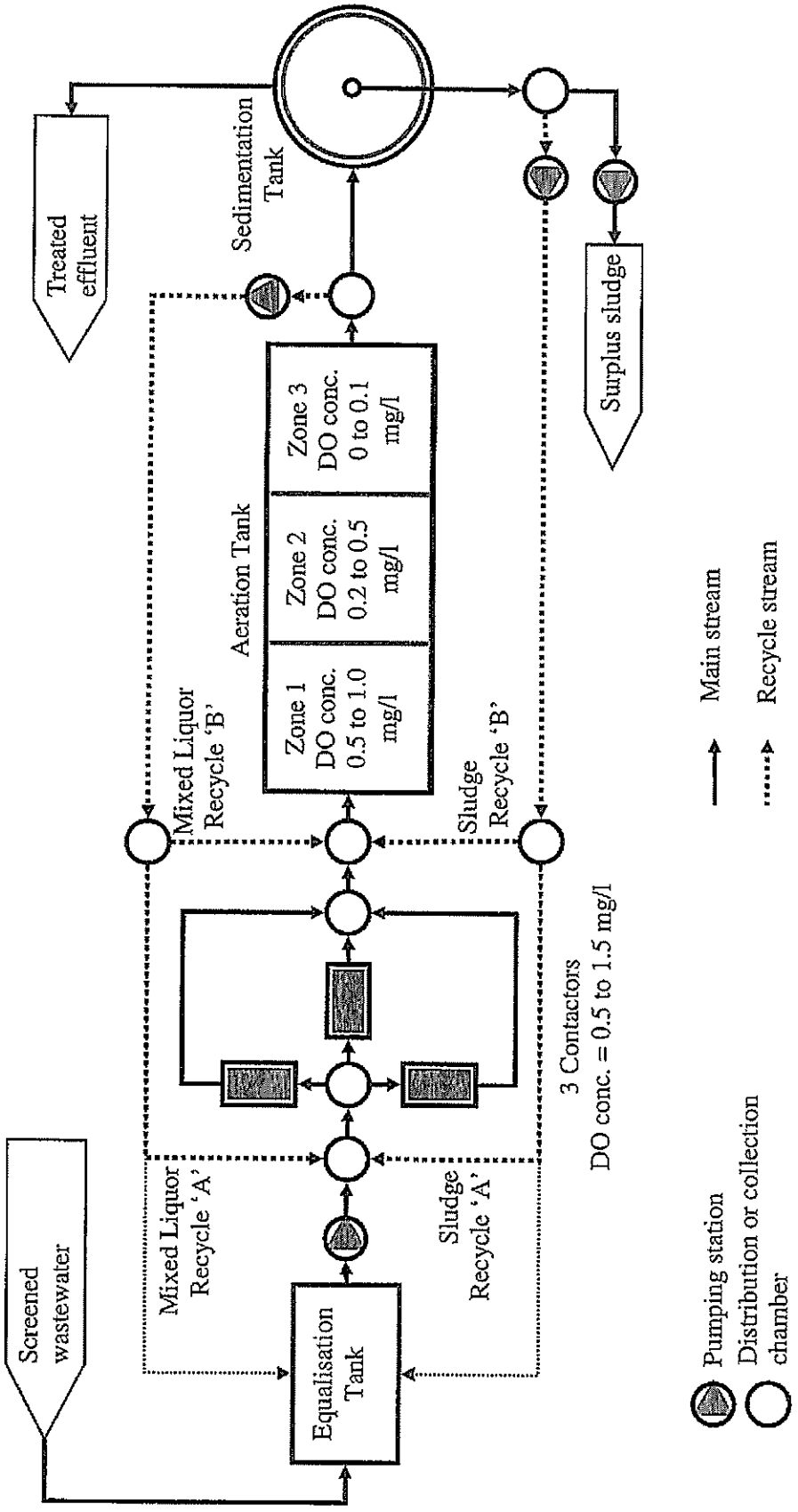

Treated effluent
Sedimentation Tank
Surplus sludge
Aeration Tank
Zone 1 DO conc. 0.5 to 1.0 mg/l
Zone 2 DO conc. 0.2 to 0.5 mg/l
Zone 3 DO conc. 0 to 0.1 mg/l
Mixed Liquor Recycle 'B'
Sludge Recycle 'B'
3 Contactors DO conc. = 0.5 to 1.5 mg/l
Screened wastewater
Mixed Liquor Recycle 'A'
Sludge Recycle 'A'
Equalisation Tank
Main stream
Recycle stream
Pumping station
Distribution or collection chamber

Figure 1

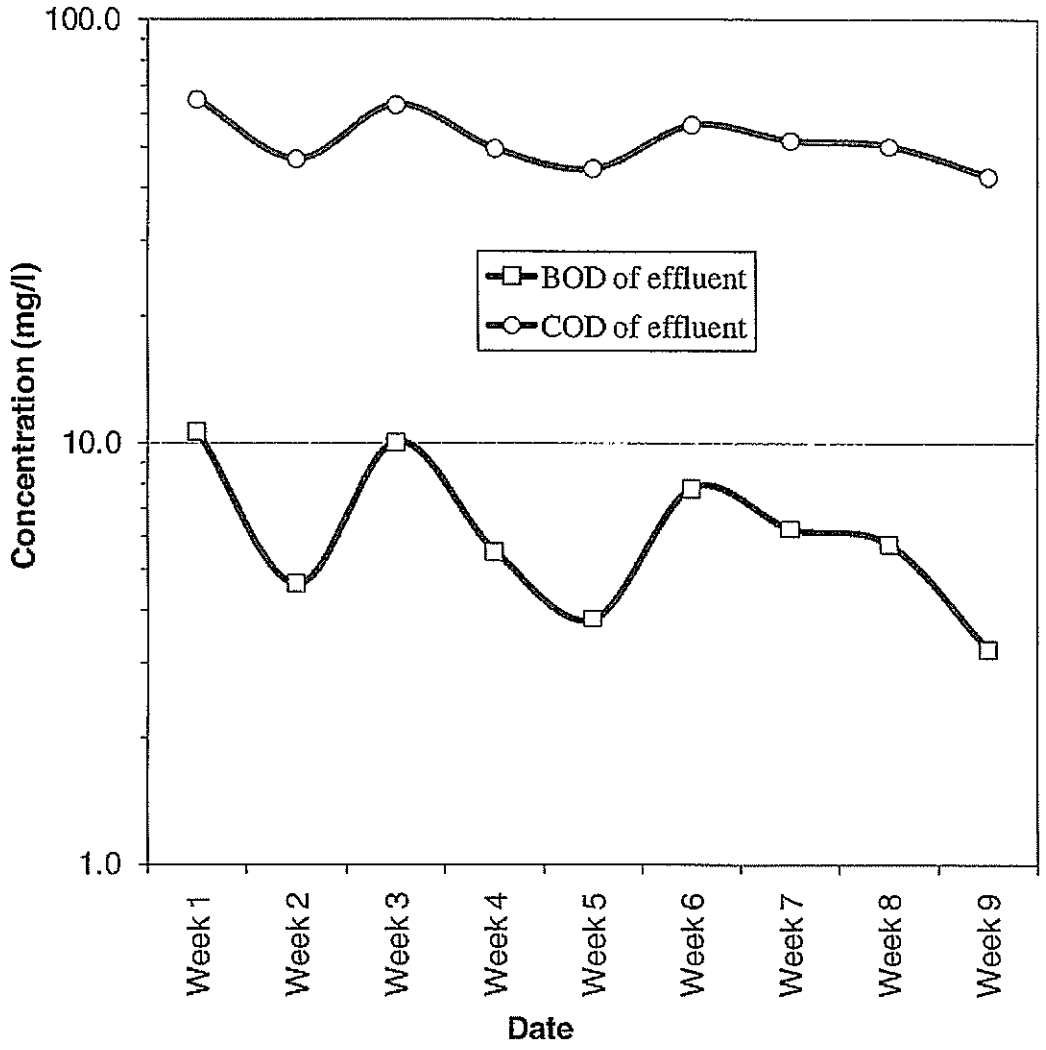

100.0
10.0
1.0
Concentration (mg/l)
BOD of effluent
COD of effluent
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
Week 9
Date

Figure 2

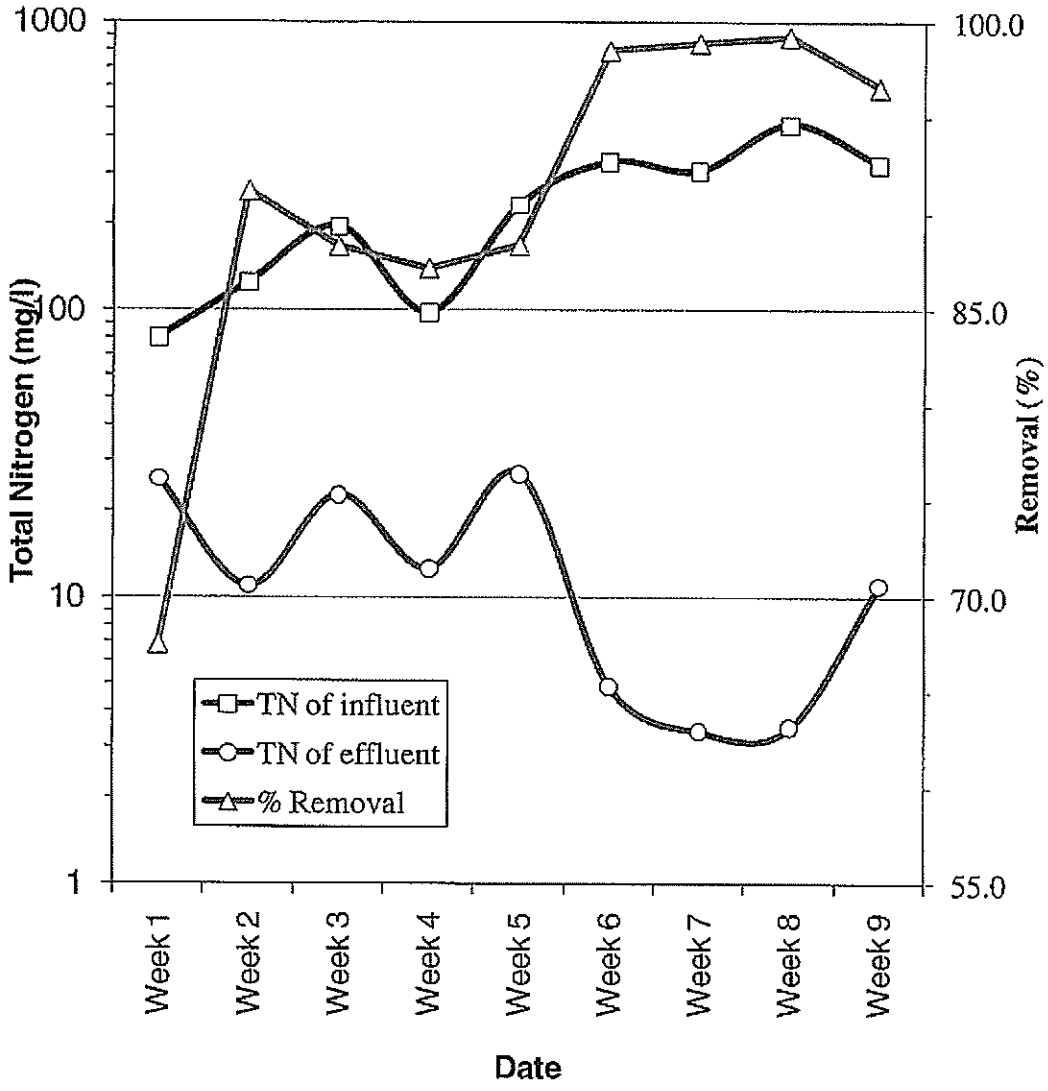

1000
100
10
1
Total Nitrogen (mg/l)
100.0
85.0
70.0
55.0
Removal (%)
TN of influent
TN of effluent
% Removal
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
Week 9
Date

Figure 3

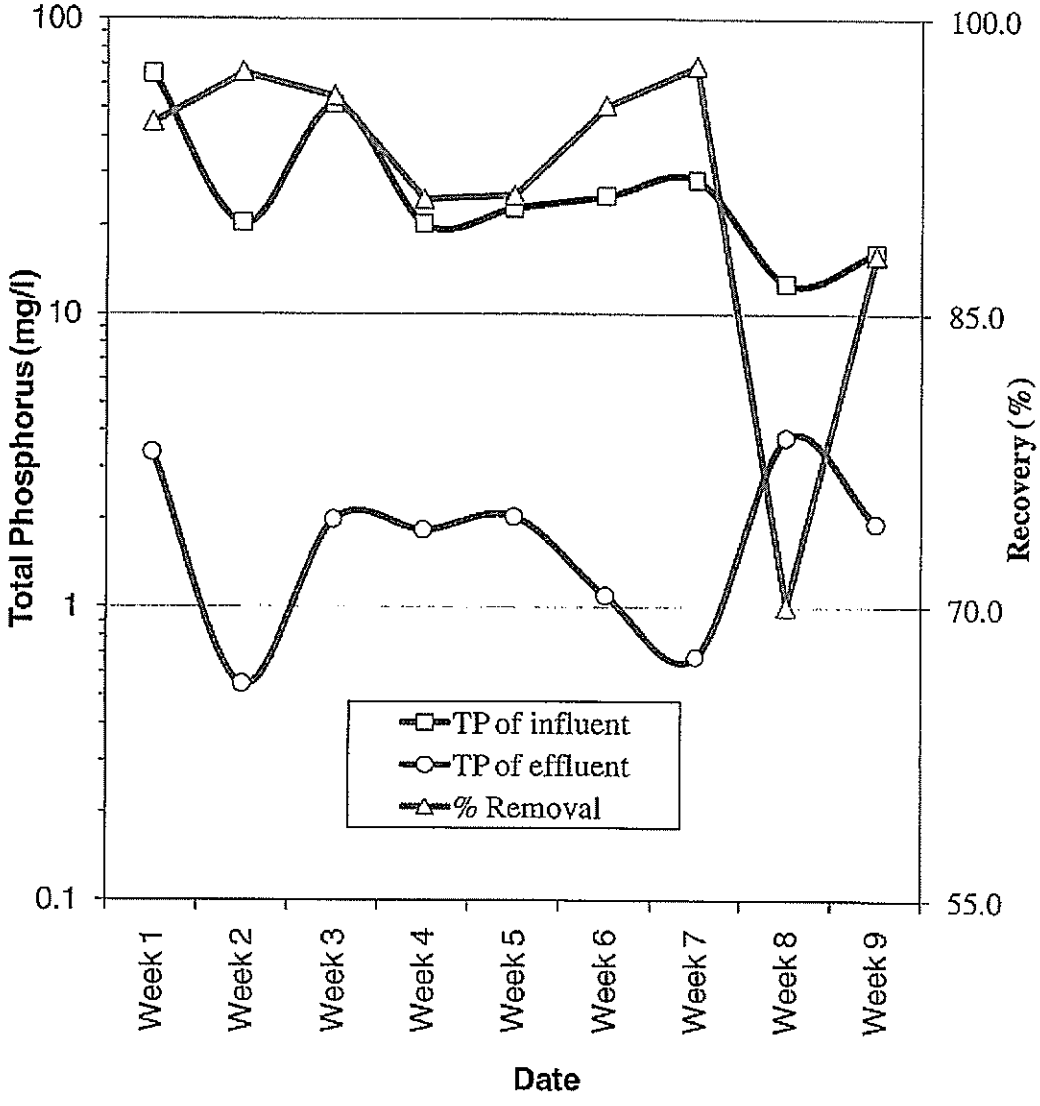

100
10
1
0.1
Total Phosphorus (mg/l)
100.0
85.0
70.0
55.0
Recovery (%)
TP of influent
TP of effluent
% Removal
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
Week 9
Date

Figure 4