

Town of Edgartown, MA
Wastewater Treatment Facility

SECONDARY CLARIFIER

see Design Criteria below photo



Secondary Clarifiers		
No. of Units	2	2
Diameter (ft.)	45	45
Depth (ft.)	12	12
Unit Volume (gal)	142,750	142,750
Detention Time (hr.)	10.61	9.08
Avg. Overflow Rate (gpd/sf)	200	235
Peak Overflow Rate (gpd/sf)	670	745
Avg. Solids Loading (lb/day-sf)	11.9	13.9
Return Sludge Pumps		
No. of Pumps	2	2
Type	Centrifugal	Centrifugal
Capacity ea. (gpm)	525	525
TDH (ft.)	31	31
Horsepower	15	15