

WTPsizer

**C-1439 cámara rápida y floculación particionada
cálculo ilustrativo escala de gradientes**

average daily flow = **38228** m3//day
water temperature = **15** °C

10.10 mgd
59 °F

7013.797 U.S. GPM
Abs. Viscosity = 0.2487 *10^-4 lb s/sq.ft.

rapid mix detention

60 s

recommended G for flash/rapid mixing (s^-1)

500

W =

6.2

HPw =

**10.60 HP
(flash mix)**

tank data

water depth = 8 feet **2.44 m**
L 10.83 feet **3.30 m**
W 10.83 feet **3.30 m**

floculator cells

30 minutes total

recommended G for multi-stage flocculation, e.g. 3-stage

100

W =

0.25

HPw =

4.24 HP stage I

75

W =

0.14

HPw =

2.38 HP stage II

50

W =

0.06

HPw =

1.06 HP stage III

water depth = 12 feet 3.66 m
individual cell data, each of three:
L 27.95 feet **8.52 m**
W 27.95 feet **8.52 m**

www.ablandadores.com

www.floculadores.com

www.balestie.com