

# SCREENING EQUIPMENT

## Quick Reference

**IPEC**



JWC Environmental has been designing and manufacturing quality wastewater screening equipment since 1979. We offer a wide range of Drum, In-Channel, Auger, and Static screens for Municipal and Industrial applications.



[www.jwce.com](http://www.jwce.com)

## CONCENTRATIONS MADE EASY

10,000 ppm

=

10 parts per thousand (ppt)

=

1:100 dilution

=

1% solution

=

10,000 mg/l

=

38,000 mg/USGPM

=

1.34 oz/US gallon

## CONVERSIONS MADE EASY

US gallon = cubic feet x 7.48

US gallon = liters x 0.264

US gallon = imperial gallon x 1.2

Pounds/day = mg/l x (US gpd/1,000,000) x 8.34

Degrees F = (1.8 x degrees C) + 32

Degrees C = (degrees F - 32) x 5/9

Kilogram = pound x 0.454

## HEAD DROP MADE EASY

1.0 psi = 27.69" of W.C.

1.0 kPa = 1.02 m of W.C.

## SCREEN SIZES MADE EASY

U.S. MESH	INCHES	MICRONS	MM
-	0.2362	6000	6.000
5	0.1570	4000	4.000
-	0.1181	3000	3.000
10	0.0787	2000	2.000
12	0.0661	1680	1.680
-	0.0591	1500	1.500
14	0.0555	1410	1.410
16	0.0469	1190	1.190
18	0.0394	1000	1.000
20	0.0331	841	0.840
25	0.0280	707	0.710
30	0.0232	595	0.590
35	0.0197	500	0.500
40	0.0165	420	0.420
45	0.0138	354	0.350
50	0.0117	297	0.297
60	0.0098	250	0.250
70	0.0083	210	0.210
80	0.0070	177	0.177
100	0.0059	149	0.149
120	0.0049	125	0.125
140	0.0041	105	0.105
170	0.0035	88	0.088
200	0.0029	74	0.074
230	0.0024	63	0.062
270	0.0021	53	0.053
325	0.0017	44	0.044
400	0.0015	37	0.037
550	0.0009	25	0.025

