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### Hydraulic Treatment Calculations

#### 2' x 4' Inceptor

PolyDak Filter width	21"
PolyDak Filter Length	45"
Total Square Inches	945
5 GPM gives a 4" Spread	236.25 square inches
Multiply sq. in. by 5 gpm	<b>1181.25 GPM</b>
Divide 1181.25 gpm by 450	<b><u>2.625 CFS</u></b>

#### 2' x 2' Inceptor

PolyDak Filter width	21"
PolyDak Filter Length	21"
Total Square Inches	441
5 GPM gives a 4" Spread	110.25 square inches
Multiply sq. in. by 5 gpm	<b>551.25 GPM</b>
Divide 551.25 gpm by 450	<b><u>1.225 CFS</u></b>

#### 3' x 3' Inceptor

PolyDak Filter width	33"
PolyDak Filter Length	33"
Total Square Inches	1089
5 GPM gives a 4" Spread	272.25 square inches
Multiply sq. in. by 5 gpm	<b>1361.25 GPM</b>
Divide 1361.25 gpm by 450	<b><u>3.025 CFS</u></b>

#### 2' x 3' Inceptor

PolyDak Filter width	21"
PolyDak Filter Length	33"
Total Square Inches	693
5 GPM gives a 4" Spread	173.25 square inches
Multiply sq. in. by 5 gpm	<b>866.25 GPM</b>
Divide 866.25 gpm by 450	<b><u>1.925 CFS</u></b>