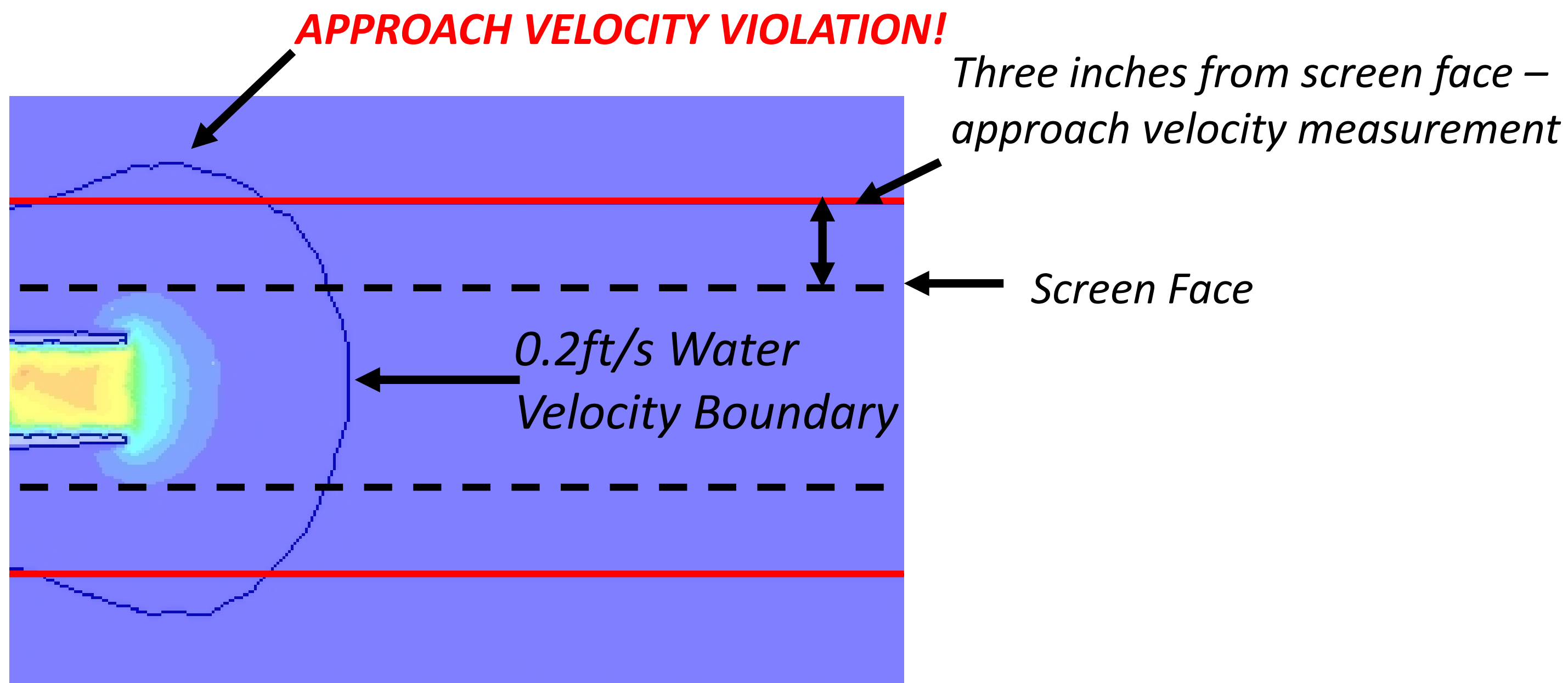


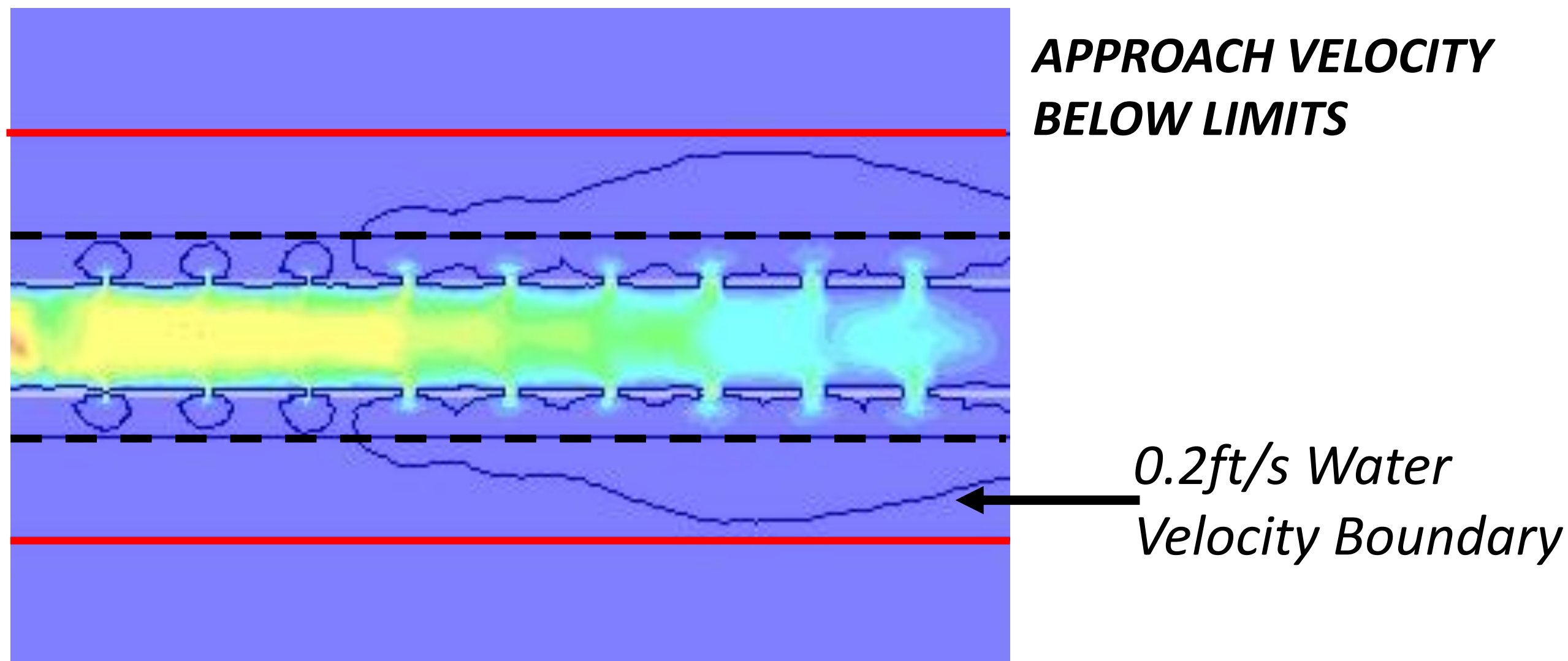
Managing Approach Velocity Through Design – Shallow Water Pump Screen



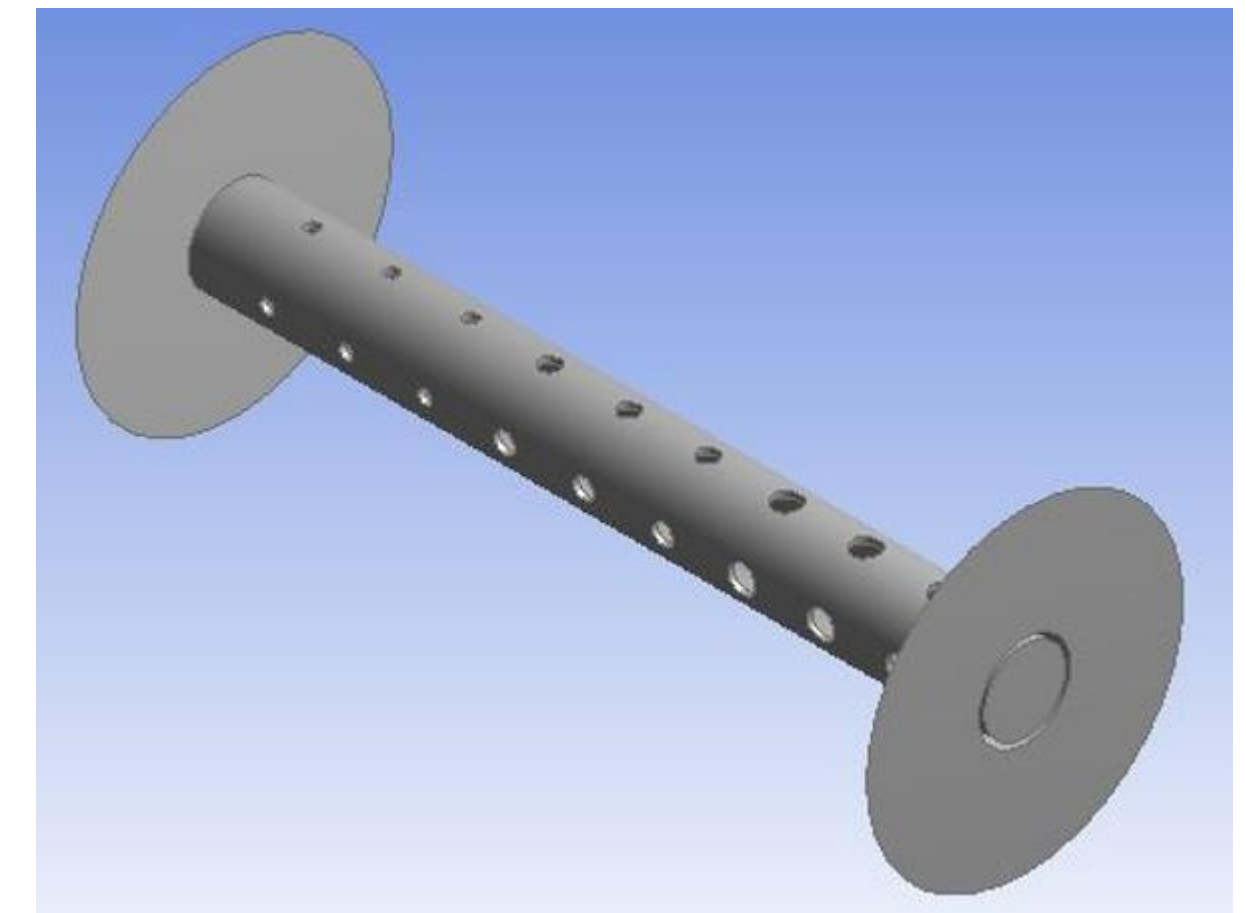
Open Pipe with Screen – no baffle



Pump Screen

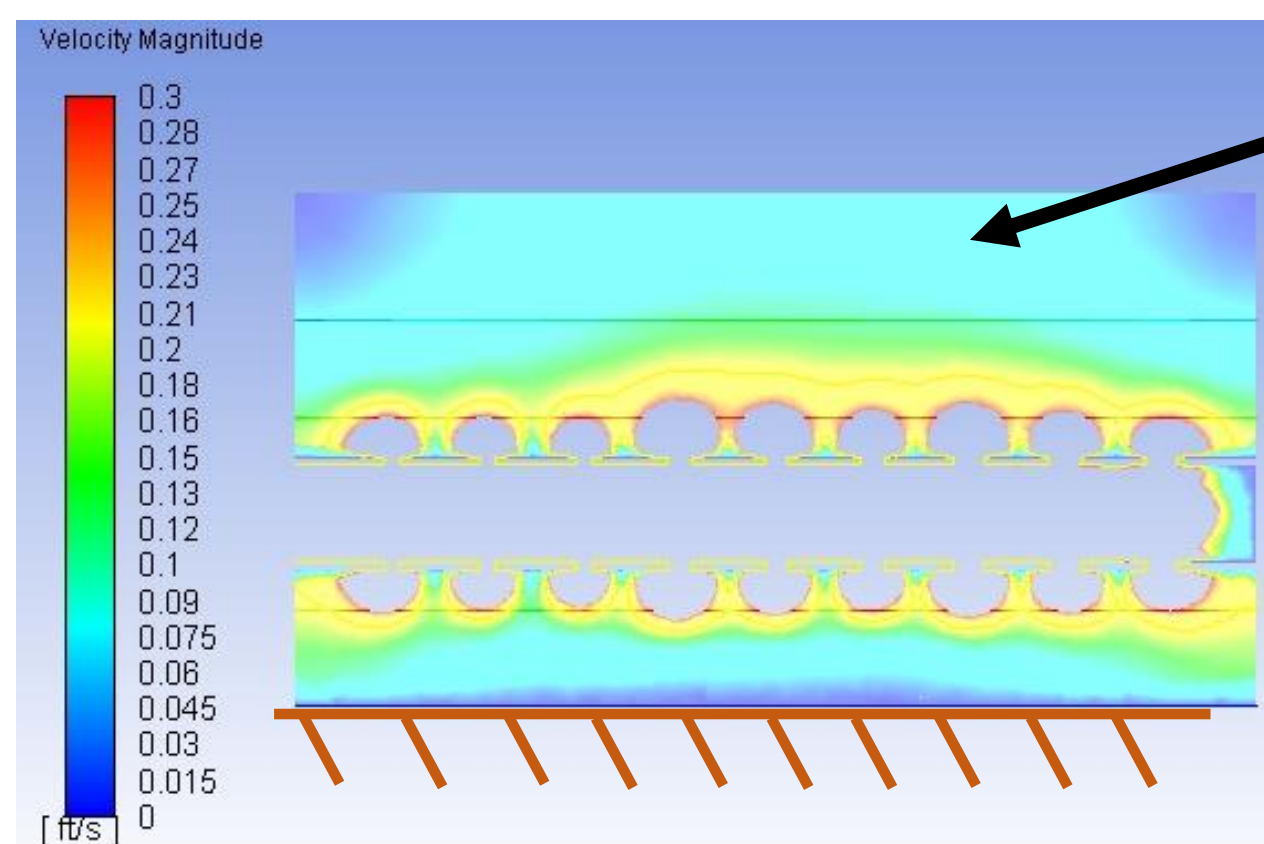


Using Internal Pipe Baffle to Distribute Flow Through Screen



Optimized Internal Baffle

Riverbed Modeling



Higher water velocities on the top side of the screen, yet still less than 0.2ft/s (yellow) when off-bottom the screen radius

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