

PROJECT PROFILE

MRI Inclined Plate Settlers

Muskegon, Michigan



City of Muskegon Water Filtration Plant

Location: Muskegon, Michigan

Plant Type: Municipal water treatment

Product Installed: MRI Inclined Plate Settlers

Year Installed: 2006

Design Flow Rate: 20 MGD/basin

Basin Size: 86' x 50' x 17.33'

Loading Rate: 0.24 GPM/ft²

Residence Time: 40 minutes

Effluent Turbidity: 0.2 NTU

Raw Water Source: Reservoir

Normal Turbidity: 2-4 NTU (raw water) / 0.2 NTU (effluent off plates)

Highest Turbidity: 50 NTU (raw water) / <1 NTU (effluent off plates)

Coagulant: Alum



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