

Case history brief:

Location: Pittsfield, Massachusetts, USA
Application: Eliminate turbidity & colour from surface waters
Capacity: 136,000 m³/day
Clarification:

Inlet	Outlet
Colour: 5-7 colour units Turbidity: 0.8 – 10 NTU	Average < 0 Average < 0.5 NTU

Installation:

Combines chemical flocculation, flotation and sand filtration in one unit

Case history features:

- o Clarification in 5 minutes as opposed to 3 –4 hours by settlement.
- o Continuous backwashing eliminates need to take units off- line as in conventional systems.
- o Floated sludge consistency > 2 %

