

MPW delivers mobile filtration solutions at Pennsylvania paper mill



MOBILE CLARIFIERS KEEP MILL OPERATIONAL DURING REPAIRS

When a paper-production facility in Pennsylvania needed to take one of its clarifiers out of service for repairs, it called on MPW to deliver two filter trailers at each of two critical locations.

Normally, the plant pumps 8,000 gallons per minute (gpm) of river water for various plant services.

The clarifiers, which were designed to reduce turbidity of the river water, were built in the 1950s and their concrete walls were crumbling.

SOLUTION

MPW's field service technicians worked on-site for three months, rotating people on a bi-weekly basis to maintain uninterrupted water supply.

MPW's trailers were used as pre-filters; two were installed at their DI system and two were installed at their fiber line, both of which the plant deemed to be the most critical areas.

Each of the systems provided a flow rate of 700 gpm.

MPW provided the most cost-effective equipment and worked hand-in-hand with facility personnel to minimize field service travels and overnights to keep the budget as reasonable as possible.

RESULTS

MPW treated approximately 180 million gallons, consistently providing less than 1 NTU product water at the critical areas and kept the customer making paper during the repair process.

MPW provided automatic backwash filter trailers. MPW's use of inline turbidity

meters and chemical injection allowed real-time adjustments to chemical dosages in response to the continual changing feed water quality, which allowed MPW to supply a guaranteed effluent water quality.

COMMITMENT TO SAFETY

MPW recorded zero safety violations during this project