



Uninterrupted Wastewater Treatment During Secondary Clarifier Rebuild with X-Flo Mobile Clarifier™

A permanent clarifier upgrade/replacement doesn't always need to be shoehorned into a short shutdown or outage. With Monroe's **X-Flo Mobile Clarifier™**, we can help to get the work done at any time and keep plants treating water throughout the whole process.

CHALLENGE

A pulp and paper recycling mill's expansion project required a new 72' diameter **Secondary Clarifier rebuild** to handle approximately 1,400 GPM and high MLSS (10,000 mg/L) from its activated sludge aeration process. Unforeseen construction delays threatened to disrupt the mill's operations and halt wastewater treatment. The mill needed a solution to maintain continuous processing during the extended installation period.

SOLUTION

Monroe Environmental provided the X-Flo Mobile Clarifier™ as a **temporary bypass system** for their secondary clarifier. This allowed the mill to continue its biological treatment process without interruption while the permanent clarifier was being installed. The mobile unit was quickly deployed and integrated into the existing wastewater treatment system.

RESULT

The X-Flo Mobile Clarifier performed exceptionally well, even exceeding expectations in handling the high mixed liquor suspended solids loading from the activated sludge system. The mill maintained continuous operation throughout the construction period, avoiding costly downtime and production losses. The successful deployment of the X-Flo ensured a smooth transition to the new permanent clarifier once it was ready, demonstrating its effectiveness as a reliable and efficient temporary bypass solution. The customer's positive feedback, joking about wanting to keep the mobile unit permanently; ***"If you tell me you're going to come pick this mobile clarifier up, I'll take the wheels off so you can't move it,"*** underscores the value and performance of the X-Flo unit.