



How Asheville Restored Clean Water After Hurricane Helene

CHALLENGE: Following the devastation of Hurricane Helene, the city of Asheville, North Carolina, faced significant challenges in maintaining water quality in its main reservoir. High turbidity levels in the reservoir forced the water treatment plant to go offline. An urgent solution was required to reduce the amount of suspended particles in the water so the treatment plant could be brought back online, restoring the city's water supply. An environmental engineer working for the city sought turbidity barriers as a way to address the deteriorating conditions.

SOLUTION: After assessing the reservoir's conditions through detailed discussions, it was determined that Type 2 turbidity barriers, along with customized anchor kits for the reservoir's 300-foot depth, would provide the ideal solution. To ensure proper installation, the team conducted a video call with the contractor, offering clear guidance on deploying the barriers and anchor kits. Recognizing the urgency of the situation, production began immediately after receiving the order.

RESULT: In less than a week, the order was completed and shipped. Production worked diligently to build the turbidity barriers while a dedicated crew fabricated the custom anchor kits. The entire order was delivered to the job site early Monday morning the following week, enabling the city to swiftly implement the solution and restore water quality to its main reservoir.

CASE STUDY

City of Asheville
Asheville, NC



A photo of our turbidity barrier installed at the city's reservoir.

Need a Customized Solution for Your Environmental Challenge?

Reach out to us for a consultation or to discuss your specific needs.

941.747.4151 • barriers@aerflo.com • AerFloEnv.com

