

Case Study

# Hurricane Helene Comprehensive Restoration

**Type of venue:**

Manufacturing Facility

**Type of loss:**

Hurricane-Induced Flooding &  
Structural Damage



## Summary

When Hurricane Helene struck North Carolina, our client—a major manufacturing facility—experienced devastating flooding and extensive structural damage. Their operations included traditional mechanical systems and advanced technology, both of which were damaged from the hurricane and subsequent flooding. After witnessing RMC's knowledge and expertise firsthand, the client decided to hire RMC for the mechanical and electrical restoration. RMC immediately responded and executed a comprehensive recovery plan. Quick and effective restoration was crucial in order to minimize downtime and financial loss for the client. Despite the scale of the destruction, the facility was back to operational capacity within 6.5 weeks, well ahead of expectations.



## The Challenge

Hurricane Helene's powerful winds and relentless floodwaters compromised the facility's structural integrity, submerging production floors and sensitive machinery beneath thick layers of mud and water that reached up to six feet. The damage extended beyond the physical structure. Water exposure caused disruptions to power distribution, automated control systems, and essential manufacturing equipment. Every minute of downtime posed a serious threat to the facility's supply chain, financial performance, and customer commitments. The destruction left behind hazardous conditions. Flood debris and water-damaged electronics caused safety concerns.



## The Solution

RMC had emergency response teams on standby before Hurricane Helene made landfall. This proactive approach allowed the restoration process to begin the moment the storm passed. With a workforce of 700 personnel per 24-hour shift, the recovery plan was quickly executed to restore both mechanical and high-tech equipment. RMC immediately began by deep-cleaning machinery and sensitive electronic equipment, enabling operations to resume as quickly as possible. Working with the client's maintenance staff and power company, RMC was able to ensure the electrical systems were decontaminated and the facility was prepared for the power to be tested and restored. High-tech equipment restoration was a critical piece of the process. RMC used effective cleaning techniques and rust inhibitors to return the affected production equipment to pre-loss condition. Because of the detailed cleaning completed by RMC, the client was able to conduct the necessary functionality testing and safety evaluations to their equipment.

## The Results



**250,000**  
square feet



**Equipment Salvageability**  
Millions of dollars worth  
of salvaged equipment



**Workforce Deployed**  
700 RMC personnel, over  
multiple 24-hour shifts



**Full Operational  
Restoration**  
Completed in 6.5 weeks

