

Laura Valencia

Water Resources Engineer



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AUGUST 15, 2026

Mason & Hill Engineering
Hiring Manager
Atlanta, GA

Dear Hiring Manager,

I am eager to apply for the Water Resources Engineer position at Mason & Hill Engineering, as this opportunity aligns superbly with both my academic background in Civil Engineering and the practical skills I've cultivated through internships in flood risk management and stormwater infrastructure.

The role encompasses the precise duties I am proficient in, especially performing detailed analyses related to surface water modeling and floodplain management while ensuring all designs adhere to established FEMA regulations, thus making a significant positive contribution to urban environments that rely on sustainable infrastructure.

At Greenway Solutions, I've played a vital part in conducting hydrologic modeling that not only identified flood risk zones but also proposed effective mitigation strategies, which I found both challenging and rewarding; it was in those moments of analysis where I truly understood the impact of engineering on community safety.

In previous internships, particularly at Blue Sky Environmental, I engaged in creating floodplain maps that significantly improved municipal resilience; witnessing firsthand how effective engineering can transform a city's approach to disaster preparedness instilled a profound sense of purpose in my work.

While I have encountered obstacles, such as navigating complex regulations and tight deadlines, these challenges prompted growth and solidified my resolve to strive for excellence in every project, seeking innovative, low-impact solutions that align with sustainable practices.

I look forward to the possibility of discussing this exciting opportunity with you.

Thanks,

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