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Calumet Water Reclamation Plant
400 East 130th Street
Chicago, IL 60628

Dear MWRD Hiring Manager,

I am applying for the analytical laboratory internship within the MWRD in Chicago, IL. I am enthusiastic about working with environmental chemists on wastewater research under this role because my values align with the MWRD in focusing on impactful work, creating a safer tomorrow, and maintaining a high-quality service for the greater Chicago Area. Through my experiences designing my industry project and various work in environmental laboratory settings, I believe I would develop strong experiences within the MWRD.

My industry project demonstrates my ability to work in situations that involve studying and analyzing information within a technical sector. During the project, I collaborated with peers to breakdown and design a nylon 6,6 production plant which included raw products, synthesis methods, market costs, environmental and health considerations, and process control schemes. A great deal of research on advanced engineering patents and peer-reviewed journals was performed to gain further insight beyond the curriculum to model and cost important pieces of equipment. The final term paper demonstrated how profitable and efficient our plant would be.

Within my environmental engineering curriculum and research positions, I have performed experiments, collected data, analyzed results, and written technical reports on my findings covering subjects of environmental chemistry and water treatment. Being able to understand how the environment is affected and problem-solving remediation steps drives the work I do. These experiences demonstrate that I can succeed in a field that requires work in a laboratory and can transfer these skills to the field to learn about specific wastewater analysis techniques as well as specific equipment and acquiring Demonstration of Capabilities.

I hope to use my future experiences to push meaningful work in the environmental field and strive to maximize site productivity. I look forward to potentially working for the MWRD. Please reference the resume included for more information related to my experiences and education, and feel free to contact me by email at xxxx@gmail.com and phone at xxx-xxx-xxxx. Thank you for your time and consideration.

Sincerely,

Jane Doe