



NUT299

My Regulatory Intern Experience

**BALANCING WATER QUALITY, INNOVATION,
AND COMPLIANCE IN THE WATER INDUSTRY**

BY: OYABIYI TEMILOLUWA ELIZABETH

Company Overview

Segeson Ultimate Limited is a leading player in the water industry, dedicated to providing high-quality and innovative water products that prioritize health, safety, and sustainability. Established with a commitment to delivering excellence in every drop, Segeson Ultimate has earned a strong reputation for its dedication to water purity, product innovation, and regulatory compliance.

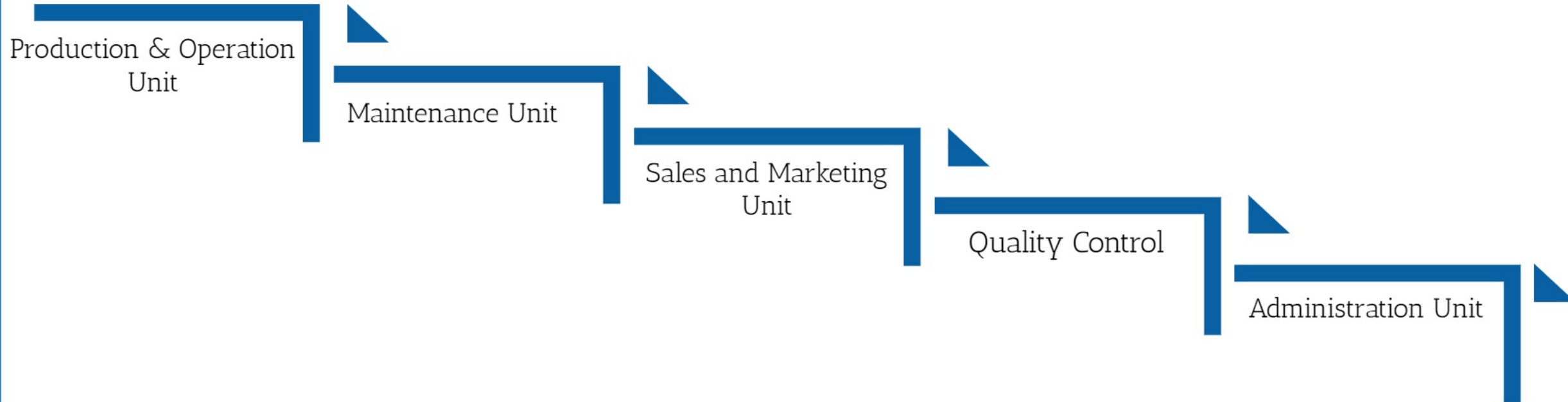
Segeson Ultimate Limited specializes in producing clean, safe, and refreshing water products that adhere to the highest industry standards through advanced manufacturing processes, ensuring pure and contaminant-free water. Additionally, our company prioritizes continuous product innovation to enhance health benefits, achieved through research and development efforts that cater to changing consumer preferences, all while maintaining a steadfast commitment to regulatory compliance, meeting local and international standards for safety and quality.



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Organizational Structure & Sections:

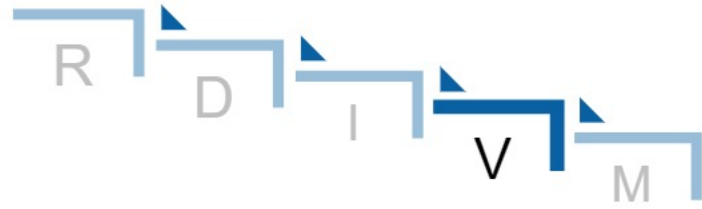
Segeson Ultimate Limited, a water production industry, has an organizational structure that includes various sections and departments. These sections typically are as shown below. Each section is led by a manager or director who oversees the specific functions and responsibilities within their area. This structure allows for efficient coordination and collaboration across different aspects of the water production process ensuring the highest standards of quality and consumer satisfaction



My Responsibilities / Role

As a Product Development and Regulatory Specialist Intern at Segeson Ultimate Limited, I played a pivotal role in ensuring the company's success by focusing on the following key responsibilities:





Learning Opportunities

Over the course of my 3-months internship as a Product Development and Regulatory Specialist at a Segeson Ultimate Limited, I embarked on a multifaceted journey of learning, innovation, and compliance. Starting from day one, I immersed myself in understanding the company's quality standards, delving into regulatory requirements, and building relationships with my team. Here's a snapshot of my experiences and achievements during this transformative month



I began my internship as a Product Development and Regulatory Specialist at a water company. I learned about the company's quality standards and reviewed the rules we must follow. I also spent time getting to know my team and understanding the products we currently make.



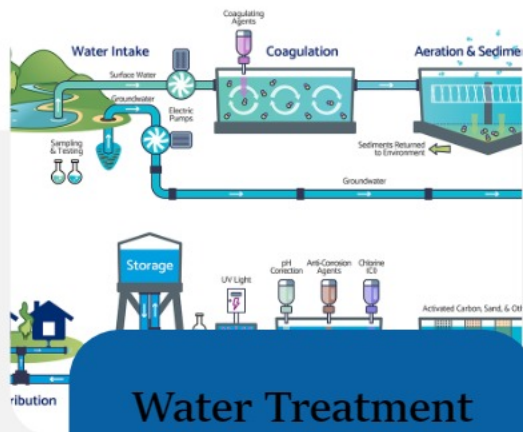
I focused on understanding health and safety rules for water products. I started planning how we can regularly test the quality of our water and I met with the Research and Development team to discuss making new products that are good for health. We brainstormed ideas that people would like.



I joined a meeting with the Marketing and Sales teams. We talked about what customers like and what's happening in the market as well as working along the Packaging team to find ways to use packaging that's good for the environment and safe for our customers/consumers.

Equipment & Machinery

In the water factory, we use a variety of equipment such as pumps, filters, valves, and storage tanks. It's important to regularly inspect, clean, and maintain this equipment to ensure smooth operation and adherence to quality and safety standards. I inspected and performed maintenance checks on the machinery used in water production. We also tested equipment performance and made necessary adjustments for optimal efficiency.



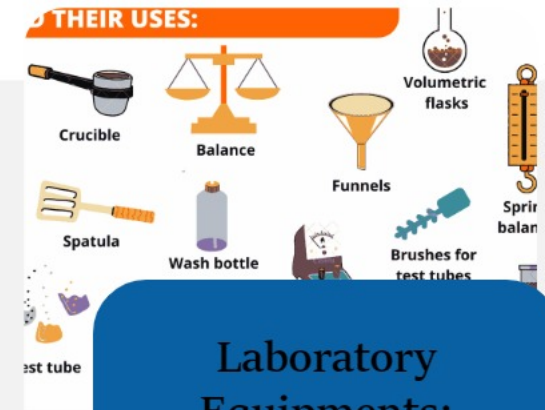
Water Treatment Systems:

These include filtration systems, reverse osmosis systems, and disinfection system like UV Sterilizers or chlorination units.



Pipes & Valves:

These are essential for the transportation and control of water flow within the production facility



Laboratory Equipments:

They have laboratory equipment for conducting water quality tests, such as Ph meters, turbidity meters, and spectrophotometers. etc

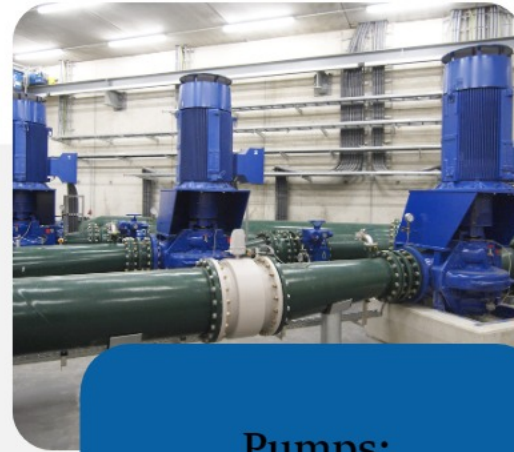
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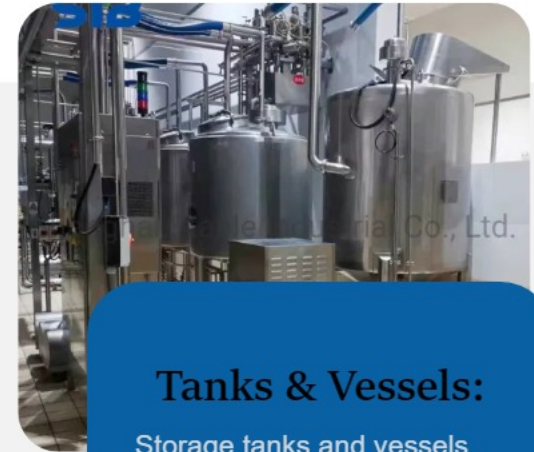
Packaging & Bottling Equipments:

Storage tanks and vessels are used to hold and store water during different stages of production



Pumps:

Pumps are used to move water through the production process, such as centrifugal pumps or submersible pumps.

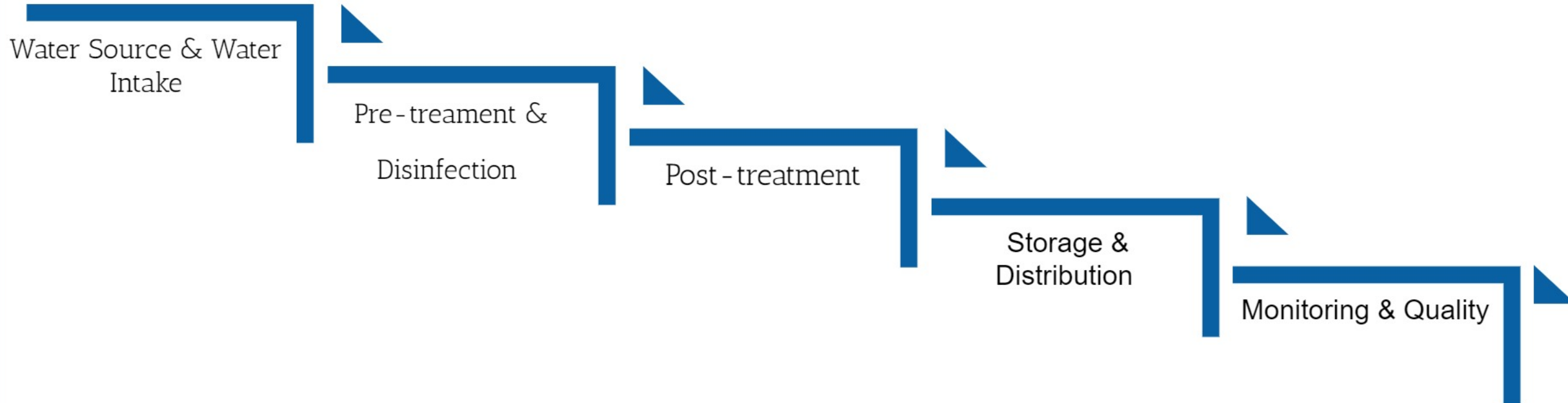


Tanks & Vessels:

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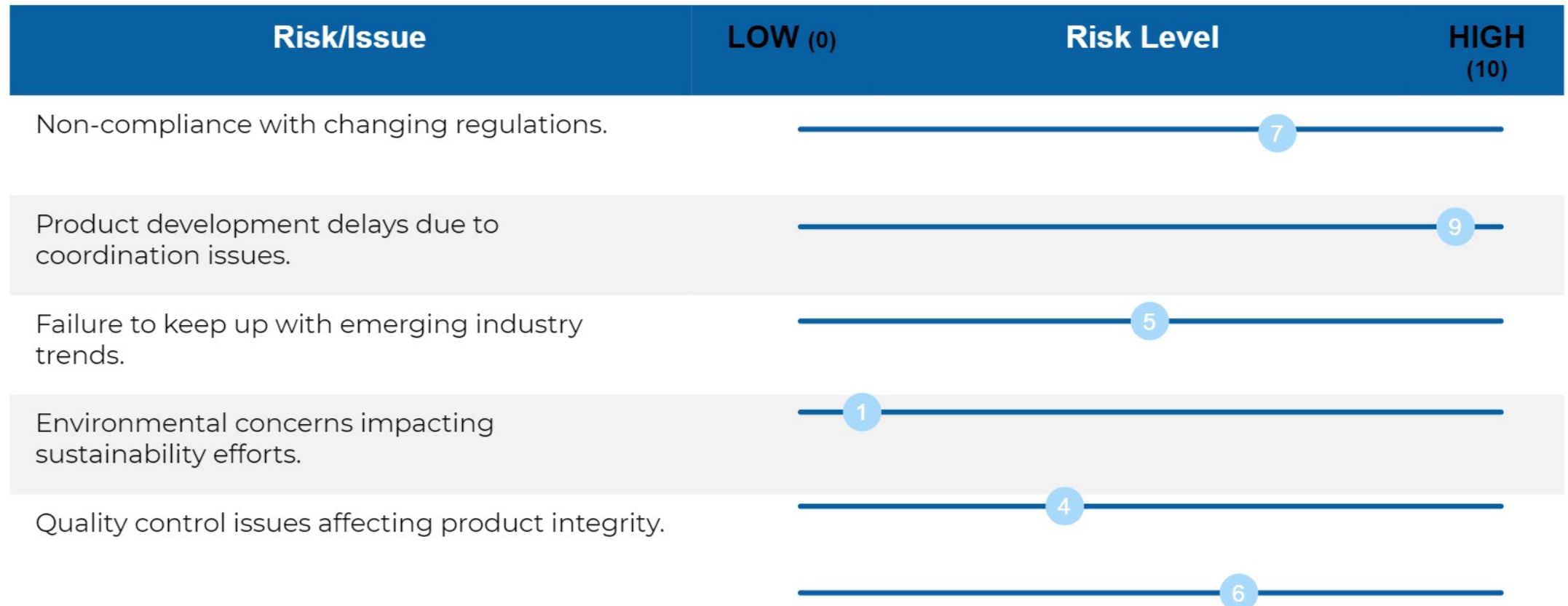
Process & Stages Of Water Production

Several stages were involved in ensuring the delivery of clean and safe water, Each stage is crucial in producing safe and clean water production process requires careful monitoring, adherence to regulations, and continuous quality control measures to ensure the delivery of high-quality water to consumer



Challenges

During my 3-Months internship in product development and regulatory affairs, I faced several challenges. One significant challenge was the need to stay updated with ever-changing regulations and standards in the water industry. Maintaining effective communication and collaboration across different departments was also sometimes tricky. Balancing innovation with compliance while developing new products presented its own set of challenges. Additionally, ensuring the environmental sustainability of our processes was a continuous effort. However, these challenges provided valuable learning opportunities, and the team's dedication helped overcome them, contributing to our progress in product development and regulatory compliance.





Summary & Conclusion:

In my 3-Months internship as a Product Development and Regulatory Specialist at Segeson Ultimate Limited, I faced and overcame various challenges while learning and making a meaningful impact on both the company and the broader pure water community. From understanding safety regulations to crafting innovative water products and ensuring adherence to the highest standards, my journey has been a valuable learning experience that has helped elevate our products and contribute to the well-being of the water community.

Thank You!