

PROFILE SUMMARY

Highly motivated Environmental and Sanitary Engineer with over 7 years of dedicated expertise. A proactive Environmental Management Specialist committed to the implementation of crucial environmental laws and regulations. Proficient in various domains, including water treatment plant operations, engineering execution, project management, and process optimization. Possesses exceptional communication and interpersonal skills, showcasing the ability to work both independently and collaboratively within dynamic teams. Committed to fostering environmental stewardship through cutting-edge engineering practices and making an impactful contribution towards sustainability.

PROFESSIONAL EXPERIENCE

Water and Wastewater Technical Consultant

Ariescor Water Inc. | July 2021 – Present

Echem Environmental Testing Laboratory Corp. | December 2020 – Present

- Conduct comprehensive water and wastewater quality assessments, including sampling, testing, and analysis, to evaluate compliance with regulatory standards and identify potential contaminants or pollutants.
- Develop and implement customized water and wastewater treatment solutions, utilizing advanced laboratory testing techniques and innovative technologies to optimize treatment processes and improve overall system performance.
- Provide expert guidance and recommendations to clients on water and wastewater management strategies, including treatment plant design, operational optimization, and regulatory compliance, to ensure sustainable and environmentally responsible practices.
- Collaborate with multidisciplinary teams of engineers and regulatory experts to assess project requirements, develop technical solutions, and deliver comprehensive consulting services that meet client objectives and regulatory requirements.
- Deliver technical training and support to clients and internal teams on laboratory testing protocols, data interpretation, and regulatory compliance, fostering a culture of continuous improvement and knowledge sharing within the organization.

Environmental Management Specialist | February 2023 – December 2023

Department of Environment and Natural Resources – Environmental Management Bureau | Region 4B MIMAROPA, Philippines

- Conducted thorough assessments of community complaints, investigations, and inspection reports, meticulously analyzing their relevance to environmental compliance standards.
- Employed a vigilant approach to monitoring and inspecting diverse establishments, systematically evaluating their compliance status with stringent environmental regulations, permit conditions, and other statutory requirements.
- Key member of the Multi-Partite Monitoring Teams (MMT) in overseeing and monitoring of mining operations to ensure environmental compliance, community engagement, and contributing to responsible and ethical mining practices.
- Played a pivotal role in monitoring initiatives, actively engaging in water sampling activities specifically focused on oil and grease analysis in areas affected by the Naujan Oil Spill in Oriental Mindoro.
- Contributed expertise as a key member of the El Nido Quick Response Investigating Team, actively participating in the inspection of establishments located in El Nido, Palawan. Leveraged insights to ensure adherence to environmental standards and regulatory specifications.

Project Monitoring and Evaluation Officer | October 2021 – February 2023

Department of Environment and Natural Resources – Environmental Management Bureau | National Capital Region, Philippines

- Diligently addressed community concerns by thoroughly investigating complaints related to environmental compliance, ensuring a responsive and accountable approach.
- Executed comprehensive ambient water sampling initiatives at Manila Bay and implemented mandatory sampling procedures in establishments, adhering to the rigorous standards outlined in RA 9275.
- Actively participated in a Month-long Saturation Drive/Intensified Compliance Monitoring campaign within the Region, contributing to the enforcement and reinforcement of environmental compliance measures throughout the designated period.
- Played a pivotal role in the validation process by meticulously evaluating and verifying the accuracy of information submitted by project proponents in relation to new clearance/permit applications and the renewal/amendment processes.
- Conducted meticulous inspections of various establishments to ascertain their compliance status with stringent environmental regulations and other statutory requirements, employing a keen eye for detail and a commitment to upholding regulatory standards.

Engineer, Project Management (Philippines) | January 2019 – November 2021

MattenPlant Pte. Ltd. – a SKion Water Company | Singapore and Philippines

- Orchestrated the comprehensive project implementation for Coca-Cola Beverages Philippines Inc. flagship water treatment facility, overseeing the successful establishment of the largest plant in Sta. Rosa, Laguna, and Davao City.
- Formulated meticulous work plans, devised a structured project schedule, compiled a comprehensive asset list, and generated detailed project monitoring reports, ensuring a systematic and transparent workflow throughout the project lifecycle.
- Streamlined logistical operations by effectively coordinating shipments, procurements, and the supply chain for all project-related materials, fostering efficient and timely project execution.
- Conducted rigorous reviews of technical designs and installations, leveraging keen attention to detail to evaluate necessary adjustments based on actual site conditions, thereby ensuring the seamless alignment of project objectives with real-world.
- Led the critical testing and commissioning phases of the plant's operation, overseeing the meticulous transition until successful handover, demonstrating a commitment to precision and reliability.

Water Treatment Plant Operations Engineer and Pollution Control Officer | January 2016 - January 2019

San Jose Del Monte Water District - PrimeWater Infrastructure Corp. | Bulacan, Philippines

- Oversaw the intricate operations of two conventional water treatment plants boasting capacities of 20 MLD and 30 MLD, demonstrating a meticulous approach to ensuring compliance with Philippine National Standards for Drinking Water parameters.
- Orchestrated the administration of permit applications, aligning with stringent DENR and Energy Regulatory Commission (ERC) requirements. This strategic approach not only ensured regulatory compliance but also significantly minimized the financial impact of potential violations.
- Pioneered the establishment of a cutting-edge Materials Recovery Facility (MRF) within the plant premises. Implemented robust protocols for the collection, treatment, and disposal of laboratory/hazardous wastes, further solidifying our commitment to environmental responsibility.
- Formulated and implemented a comprehensive schedule matrix plan, delineating clear responsibilities for plant operators/technicians. Managed and optimized the overall work performance quality through strategic planning and coordination.
- Spearheaded the development of water treatment plant annual workplans, meticulously planned maintenance activities, curated asset lists, and generated insightful monitoring reports, contributing to enhanced efficiency and long-term operational sustainability.

Food Services Team Leader/ Attendant | February 2013 - March 2015

Pizza Hut Philippines – Yum! Brands, Inc. | Manila, Philippines

- Led a team in providing exceptional customer service, ensuring guest satisfaction and repeat business. Trained and mentored new team members, ensuring they were knowledgeable about Pizza Hut's menu offerings, food preparation procedures, and safety protocols.
- Managed the daily operations of the restaurant, including opening and closing procedures, inventory management, and the implementation of quality control measures to maintain food safety standards and ensure consistency in product quality, presentation, and taste.
- Demonstrated proficiency in cash handling duties, including accurately processing payments, reconciling registers at the end of each shift, and addressing any discrepancies in accordance with company policies.
- Supervised incoming orders effectively, prioritizing tasks and coordinating with kitchen staff to ensure timely preparation and delivery of orders to guests, contributing to a seamless dining experience.
- Maintained a clean and organized work environment by adhering to strict cleanliness and sanitation standards, including regular cleaning and sanitization of workstations, equipment, and dining areas, in compliance with health and safety regulations.

EDUCATION

National University – Manila

Master of Science in Sanitary Engineering

2019 – 2020

(Academic courses completed with remaining comprehensive research study)

Technological Institute of the Philippines – Quezon City

Bachelor of Science in Environmental and Sanitary Engineering

2010 – 2015

SKILLS

- Proven expertise in overseeing the seamless operations of water treatment plants, ensuring optimal efficiency and adherence to quality standards. Proficient in the processes involved in water treatment and committed to implementing industry best practices.
- Adept at managing projects from conception to completion, with a keen focus on delivering results within scope, time, and budget constraints. Skilled in coordinating diverse teams, allocating resources effectively, and mitigating potential challenges to ensure successful outcomes.
- Experienced in developing and implementing strategies for pollution control, demonstrating a commitment to environmental sustainability. Well-versed in regulatory compliance and adept at instituting measures to minimize environmental impact.
- Proactively ensuring a safe and healthy work environment through the implementation of robust safety protocols and health management initiatives. Dedicated to fostering a culture of well-being and compliance with safety standards.
- Passionate about environmental issues and actively involved in advocating for sustainable practices. Demonstrates a commitment to raising awareness and promoting eco-friendly initiatives within the community and professional spheres.
- Technologically proficient with a strong command of MS Office applications, operating systems, and adept at troubleshooting software issues. Possesses a keen interest in staying updated with the latest technological advancements.
- Skilled in extracting meaningful insights from data, utilizing analytical tools to inform decision-making processes. Capable of interpreting complex datasets and translating findings into actionable strategies.

PROFESSIONAL DEVELOPMENT AND TRAINING COURSES

- Training on the Design of Wastewater Treatment Systems | *Sep 2023*
- 2023 National Convention Sanitary Engineers: Your Partner for Pro Environment, Health & Progressive Nation Building | *Jun 2023*
- Environmental Information/ Campaign on Isokinetic Stack Emission Sampling US-EPA Methods 1-7 | *Oct 2022*
- Training on Basic Pollution Load Estimation and Modelling | *Oct 2022*
- Water Environment Association of the Philippines, Inc. (WEAP): Short Training Course on Leadership | *Nov 2021*
- Occupational Health and Safety Training and Seminar (8-Hours) Mandatory | *Nov 2021*
- 2021 National Convention Sanitary Engineers at Work: Administration, Management and Operations | *Jun 2021*
- Sulong Pilipinas 2021: Climate Change and the New Normal with the Youth Sector | *Jun 2021*
- Engineers Network Technical Training Institute: Plumbing Fundamentals | *Nov 2020*
- DENR Ecosystem-based Adaptation (EbA) and Potential Model Site & Wide Greenhouse Gas Inventory Entity Level | *Oct 2020*
- Basic Occupational, Safety and Health 40-Hours Training Course | *May 2020*
- Basic Pollution Control Officer 40-Hours Training Course | *Oct 2017*
- Quality Management Systems – ISO 9001:2015 Awareness Training Program | *Aug 2016*
- Strategic Performance Management System (SPMS) for Leaders Seminar | *May 2016*

CERTIFICATIONS

Driver's License | 2018 – 2032

Department of Transportation – LTO Philippines

Project Safety Officer | 2020 – 2021

Coca-Cola Beverages Philippines Inc. (CCBPI)

Pollution Control Officer | 2017 – 2019

San Jose Del Monte Water District - Primewater Infra. Corp.

Professional Sanitary Engineer | 2015

Professional Regulation Commission Philippines