



HOW ARIESCOR WATER ENABLED ASA COLOR & CHEMICAL INDUSTRIES INC. TO ACHIEVE WASTEWATER COMPLIANCE AND SECURE ITS DENR DISCHARGE PERMIT

Every manufacturing facility carries a responsibility that extends beyond producing quality products. It must also ensure that its operations protect surrounding communities and the environment through responsible wastewater management. For Asa Color & Chemical Industries Inc., a paint manufacturing company located in B. Bernardo Street, Bocaue, Bulacan, meeting this responsibility became a critical step toward regulatory compliance and sustainable operations.



Before partnering with Ariescor Water, the facility had no existing sewage treatment plant (STP) and relied entirely on multiple septic tanks to collect domestic wastewater generated within the facility. While septic tanks served as temporary containment, they did not provide the biological treatment necessary to consistently meet the Department of Environment and Natural Resources (DENR) Effluent Standards for the Santa Maria River (Class C). More importantly, the absence of a dedicated treatment system prevented the company from securing the required DENR Discharge Permit, an essential environmental compliance requirement for industrial facilities.



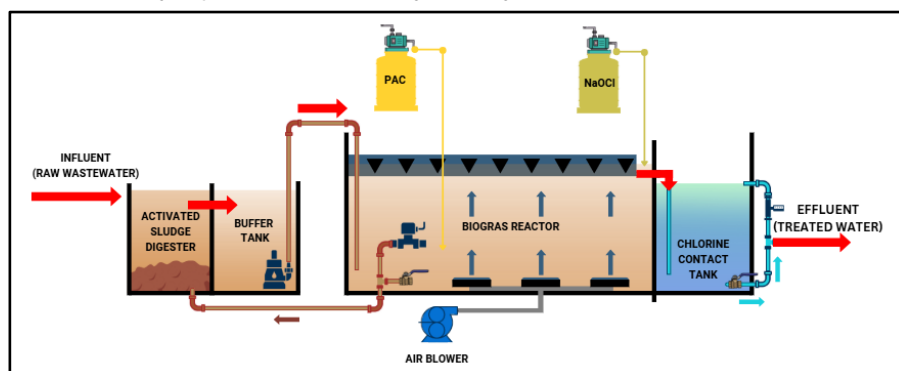
As wastewater accumulated inside the septic tanks, sludge levels continued to increase, resulting in recurring odor issues and the need for regular desludging and hauling services. These recurring maintenance activities not only disrupted operations but also contributed to higher operating costs over time. Although electricity consumption was not a primary concern, the existing wastewater management approach was no longer sufficient to support the company's compliance objectives and future operational requirements.



Existing septic tanks and site condition before project implementation

Recognizing the importance of establishing a compliant wastewater management system, Asa Color & Chemical Industries Inc. partnered with Ariescor Water to develop a long-term engineering solution. Rather than simply installing equipment, Ariescor Water conducted a comprehensive site assessment to evaluate wastewater generation, available installation space, operational requirements, and applicable environmental regulations. This assessment enabled the engineering team to design a treatment system tailored specifically to the facility's domestic wastewater while ensuring that the project aligned with DENR regulatory requirements.

To address these challenges, Ariescor Water designed and constructed a 10 Cubic Meter per Day (CMD) Granua® Modular Sequencing Batch Reactor (SBR) Sewage Treatment Plant. Unlike conventional septic tanks that primarily store wastewater, the Granua® Modular SBR actively treats wastewater through an automated biological treatment process. The system integrates aeration, biological degradation, settling, and controlled discharge into programmed treatment cycles, allowing wastewater to be treated efficiently while minimizing operator intervention. Intelligent controls automatically operate blowers, pumps, and valves only when required, improving treatment performance while reducing unnecessary equipment operation and simplifying day-to-day plant management.



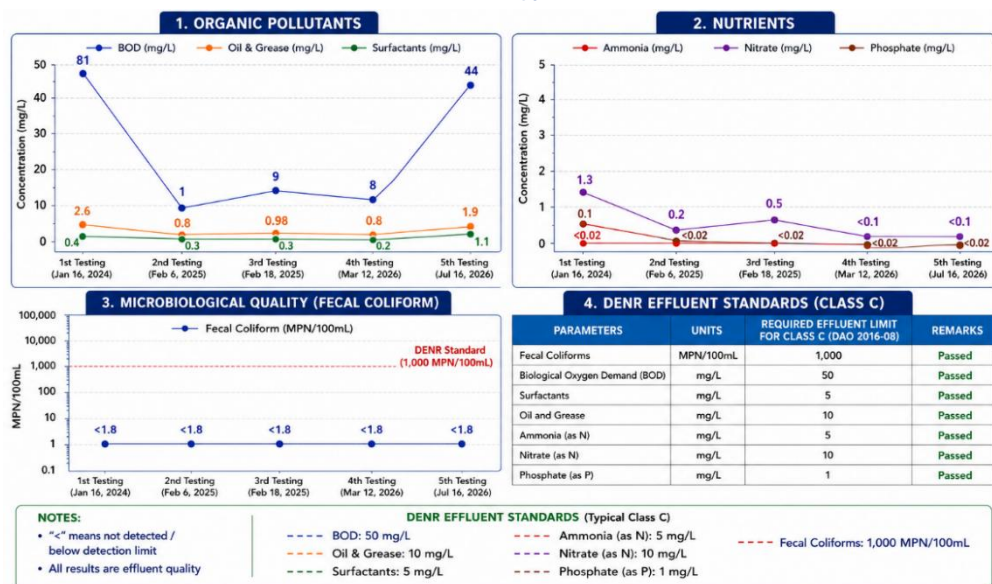


The modular design also enabled efficient installation within the available site while providing a scalable wastewater treatment platform capable of supporting the facility's long-term operational needs.



Beyond engineering and construction, Ariescor Water provided technical guidance throughout the environmental compliance process. The team assisted Asa Color & Chemical Industries Inc. in meeting the requirements necessary to secure its DENR Discharge Permit, ensuring that the completed treatment facility complied with the DENR Effluent Standards for the Santa Maria River (Class C). This integrated approach allowed the client to move beyond wastewater collection toward a fully compliant wastewater treatment system capable of supporting continuous industrial operations.

ASA Colors and Chemical Industries Granua® Technology Effluent Performance



The ASA Colors and Chemicals Inc. wastewater treatment system using Granua® Technology has consistently maintained effluent quality within regulatory limits, demonstrating stable and effective treatment performance across all monitoring events.



The implementation of the Granua® Sewage Treatment Plant delivered benefits extending well beyond regulatory compliance. By replacing dependence on multiple septic tanks with a biological treatment system, the facility significantly reduced sludge accumulation and the frequency of desludging and hauling services. The automated treatment process also simplified routine operation by minimizing manual intervention and reducing maintenance requirements. Because the Granua® technology primarily relies on biological treatment, chemical consumption during normal operation remains minimal, reducing the need for additional treatment chemicals while maintaining reliable wastewater performance. Furthermore, the system's programmed operating cycles improve overall energy efficiency by ensuring that blowers, pumps, and valves operate only when necessary, eliminating unnecessary power consumption while maintaining consistent treatment performance.

Today, Asa Color & Chemical Industries Inc. operates with a modern sewage treatment system designed to support both environmental compliance and sustainable industrial operations. What was once a wastewater management system dependent solely on septic tanks has been transformed into a reliable biological treatment platform capable of meeting DENR discharge requirements while reducing maintenance demands and improving operational efficiency. More importantly, the project enabled the company to secure its required DENR Discharge Permit, providing confidence that its wastewater management practices meet current environmental regulations.



This project demonstrates Ariescor Water's commitment to delivering more than wastewater treatment plants. By combining engineering expertise, regulatory knowledge, and advanced treatment technologies, Ariescor Water develops integrated drinking water and wastewater technology platforms that help

industries overcome complex environmental challenges. From manufacturing facilities and commercial developments to healthcare institutions and local government projects, Ariescor Water continues to engineer sustainable water solutions that protect the environment, improve operational performance, and help organizations achieve long-term regulatory compliance.



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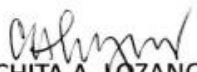
July 29, 2026

Dear Ariescor Team:

Asa Color & Chemical Industries, Inc. would like to express our sincere appreciation for your consistent support and quality service as our Sewage Treatment Plant (STP) provider. Your professionalism, technical expertise, and prompt assistance have greatly contributed to maintaining an efficient, reliable, and environmentally compliant system.

Thank you for your dedication and valuable contribution to our operations.

Sincerely yours,


CHITA A. LOZANO

Pollution Control Officer (PCO)