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ARIESCOR® WATER
BRINGING WATER EVERYWHERE

COMPANY PROFILE

ENGINEERING
CONSTRUCTION
SYSTEM AUDIT
COMMISSIONING
OPERATION
MAINTENANCE
AFTER-SALES SERVICE
PLANT OPTIMIZATION
EXPANSION

ABOUT THE COMPANY



In the midst of 2019, a group of Sanitary Engineers established a water solutions company that aims to help and support the local establishments for drinking water treatment and wastewater treatment to comply with environmental rules set by Philippine Government Agencies; **Department of Environment and Natural Resources (DENR)** and **Laguna Lake Development Authority (LLDA)**, etc.

Ariescor® Water is an engineering company specializing in water and wastewater treatment solutions with group of innovative and dynamic professionals providing full services for planning, plant design, installation and operation of water and wastewater treatment facility.

Create: we aim to be a leading smart advance technology that proposes the best environmental and cost-saving solutions to meet and comply all the required parameters for different industry and capacities.

Help: we focus to provide the best of the services to satisfy all the requirements of our key clients and customer in economical ways

MISSION

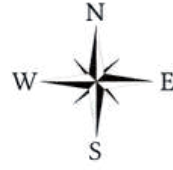
To bring sustainable water management in the Philippines by providing most economical technologies for the benefit of the people.

VISION

To be recognized as the leading product developer and service provider of sustainable water and wastewater treatment technology in the Philippines.



SUSTAINABILITY LANDSCAPE



-  **ARULLO UNIVERSITY (SOUTH CAMPUS)**
Cabanatuan, Nueva Ecija
-  **OLONGAPO SANITARY LANDFILL**
Olongapo City, Zambales
-  **ELISON HOTEL**
Balanga, Bataan
-  **LIMAY DIALYSIS CENTER**
Limay, Bataan
-  **KERITH BROOKS TRADING**
Pandi, Bulacan
-  **TWIN CARE HOSPITAL**
Angat, Bulacan
-  **ONE BEVERLY PLACE**
San Juan City
-  **CLMC BUILDING**
Mandaluyong City
-  **LAVABENDO SPARTA**
Ortigas, Mandaluyong City
-  **EMERALD CONDOMINIUM**
Ortigas, Pasig City
-  **ORIENT SQUARE**
Ortigas, Pasig City
-  **CHINESE GENERAL HOSPITAL AND MEDICAL CENTER**
Blumentritt, Manila
-  **CENTURY SPIRE**
Makati City
-  **PHILIPPINE WOMEN'S UNIVERSITY (JASMS-QC)**
Makati City
-  **SOLEMARE PARKSUITES**
Pasay City
-  **NOVALICHES GENERAL HOSPITAL**
Novaliches, Quezon City
-  **CLOUD KITCHEN**
Brgy. Bangkal, Makati City
-  **TIMBERLAND HIGHLANDS RESORT**
San Mateo, Rizal
-  **TOP CREAMERY**
Las Piñas City
-  **Power4All Inc. (MAYNILAD PROJECT)**
Imus, Cavite
-  **RFM CORPORATION**
Cabuyao, Laguna
-  **MARTHUR CORPORATION**
McArthur, Leyte
-  **DAVAO CENTRALE HOTEL**
Davao City



AREAS OF EXPERTISE

SEWAGE & WASTEWATER TREATMENT

- **PACKAGE PLANT**
 - BioGraS™ (All New Batch Reactor)
 - BioCar™ (Advance MBBR)
 - BioMem™ (Advance MBR)
 - High Rate Conventional Activated Sludge
 - ClariDenSR™ Clarifier
 - SuperOx (AOP)
- **OTHER TREATMENT**
 - Advance Oxidation Process (AOP)
 - Dissolved Air Filtration
 - Anaerobic Treatment (Anaerobic Digester, UASB)



WATER TREATMENT AND PURIFICATION

- Reverse Osmosis (BWRO, SWRO)
- Ultrafiltration
- Ion Exchange
- ClariDenSR™ Clarifier
- Coagulation/Flocculation
- Multimedia Filtration
- Activated Carbon Filtration
- Greensand Filtration
- UV Sterilization
- Ozonation

Major Applications

- Municipal
- Residential
- Domestic
- Commercial
- Food and Beverage
- Power
- Mining
- Chemical Manufacturing

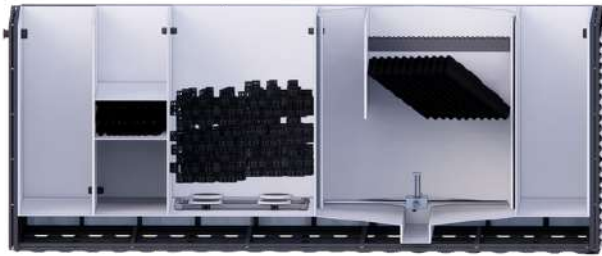
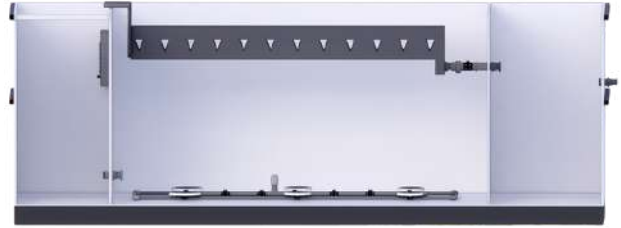
“PROVIDING TECHNOLOGY FOR ALL SECTORS”



INNOVATIONS

BioGraS™

The BioGraS™ is an ongoing patent featuring a compact and advanced high-rate biological system. It boasts minimal electricity usage and near-zero chemical dependency. Boasting a smaller footprint compared to the traditional STPs, it fits easily in limited places while also cutting capital and maintenance costs.

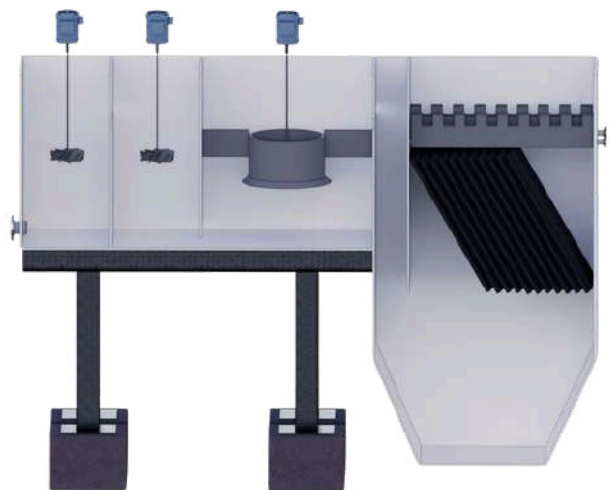


BioCar™

The BioCar™ is an ongoing patent featuring a modified and advanced Moving Bed Biofilm Reactor system. With a relatively small footprint compared to conventional systems. The mobility of the media helps in maintaining an active and diverse microbial population, enhancing the treatment's effectiveness.

ClariDenSR™

The ClariDenSR™ is a comprehensive approach to wastewater treatment, which takes into account factors such as cost-effectiveness, environmental sustainability, efficiency, and regulatory compliance. It's an ongoing patent that aims to enhance overall performance and optimize operations find it to be a compelling choice.



PROJECT PORTFOLIO



MORE THAN
315.3M PHP
IN PENALTIES
AVOIDED



ZERO
NON-COMPLIANT
FACILITIES



RECYCLING
MORE THAN
45.2M LITERS
OF WASTEWATER



TREATING
MORE THAN
56.5M LITERS
OF WASTEWATER

BioGraS™ Projects

ARAULLO UNIVERSITY (SOUTH CAMPUS)

SEWAGE TREATMENT PLANT

Designed to treat 15 m³ of domestic sewage with the same design principle of BioGraS™ to provide smallest footprint and Very Low Cost Sewage Treatment Plant in the market. It has an additional Tertiary Treatment System to reuse the water for flushing and landscaping.

Application: Education

Capacity: 15 m³/day

Scope: Design and Build

Location: Cabanatuan, Nueva Ecija

Project Cost: ₱ 2,500,000.00

Total Area: 10 sqm



BioGraS™ Projects

LIMAY DIALYSIS CENTER

SEWAGE TREATMENT PLANT

Constructed to treat sewage for Limay Municipality's Dialysis Center. Using BioGraS™ technology addresses the project location's limited space and offers a simpler treatment process for easier maintenance and automated function.

Application: Hospital

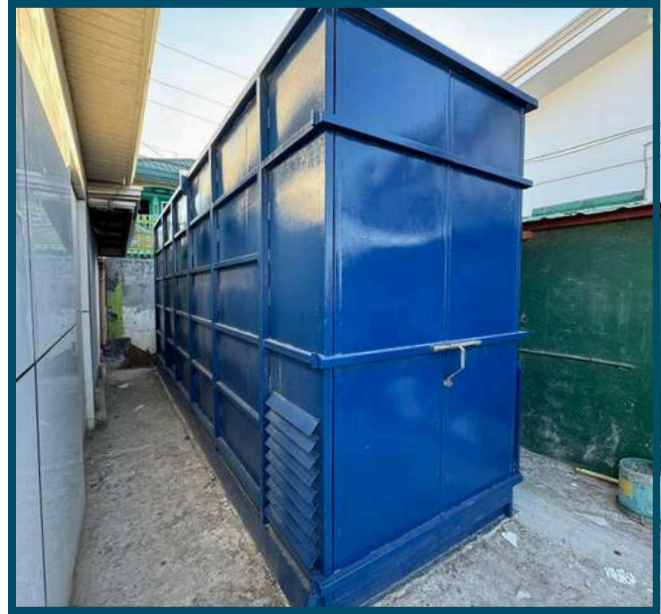
Capacity: 20 m³/day

Scope: Design and Build

Location: Limay, Bataan

Project Cost: ₱ 4,000,000.00

Total Area: 9 sqm



ELISON HOTEL

SEWAGE TREATMENT PLANT

Erected to treat domestic sewage coming from the hotel rooms and laundry area using the simple process of BioGraS™.

Application: Hotel and Laundry

Capacity: 10 m³/day

Scope: Design and Build

Location: Balanga, Bataan

Project Cost: ₱ 1,700,000.00

Total Area: 6 sqm



BioGraS™ Projects

KUYA J'S RESTAURANT - BACLARAN

SEWAGE TREATMENT PLANT

Designed and commissioned to treat food and commercial wastewater for a limited-space quick-service restaurant. Ariescor Water's Mobile STP – BioGraS™ is used to solve heavy load of parameters with limited spaces that is normally designed with large sizes of tanks.

Application Quick Service Restaurant

Capacity: 10 m³/day

Scope: Design and Build

Location: Baclaran, Manila City

Project Cost: ₱ 1,900,000.00

Total Area: 4 sqm



CLMC BUILDING

SEWAGE TREATMENT PLANT

Designed to treat 30 m³ of domestic sewage with the new design principle of BioGraS™ to provide the smallest footprint and Very Low Cost Sewage Treatment Plant in the market.

Application: Office Building

Capacity: 30 m³/day

Scope: Design and Build

Location: Mandaluyong City

Project Cost: ₱ 1,500,000.00

Total Area: 12.6 sqm



BioGraS™ Projects

KERITH BROOKS TRADING

WASTEWATER TREATMENT PLANT

Designed to treat 5 m³ of animal feed wastewater, this compact and modular SBR has the smallest footprint in the market and minimizes clients CAPEX and OPEX.

Technology: Modular SBR – BioGraS™ (Modified Batch Reactor)

Application: Animal Feeds and Vegetable Oil Manufacturing

Capacity: 5 m³/day

Scope: Design and Build

Location: Pandi, Bulacan

Project Cost: ₱ 1,500,000.00

Total Area: 4 sqm.



ClariDenSR™ Projects



TOP CREAMERY

WASTEWATER TREATMENT PLANT

Designed and commissioned to treat 0.5 CMD of wastewater from equipment washing for a limited space of a manufacturing company that provides high-quality milk tea and coffee supplies, soft-serve ice cream ingredients.

Application: Manufacturing Company

Capacity: 0.5 m³/day

Scope: Design and Build

Location: Las Piñas City

Design Cost: ₱ 2,800,000.00



Ariescor SBR Projects

RFM CORPORATION

WASTEWATER TREATMENT PLANT

For rehabilitation and upgrade from 1,000 m³/day to 1,500 m³/day of processing and domestic wastewater taking advantage of Ariescor's Sequencing Batch Reactor rehabilitation program without Additional Tanks.

Application: Food Processing (Milk and Juice Processing)

Capacity: 1,500 m³/day

Scope: Design, Rehabilitation and Upgrade

Location: Cabuyao, Laguna

Project Cost: ₱ 18,500,000.00



CHINESE GENERAL HOSPITAL AND MEDICAL CENTER

SEWAGE TREATMENT FACILITY

Application: Hospital

Capacity: 1,500 m³/day

Scope: Electromechanical Supply, Installation and Automation

Location: Blumentritt, Manila

Project Cost: ₱ 1,800,000.00



Ariescor SBR Projects



NOVALICHES GENERAL HOSPITAL

SEWAGE TREATMENT PLANT

Second customer that avail our SBR Rehabilitation Program to maximize the area of the STP. It has a capacity of 30 m³/day Sewage Treatment Plant designed, corrected and automated with the design principle of Ariescor Sequencing Batch Reactor.

Technology: Sequencing Batch Reactor (SBR)

Application: Hospital

Capacity: 30 m³/day

Scope: Design, Supply and Rehabilitation

Location: Novaliches, Quezon City

Project Cost: ₱ 1,000,000.00

Total Area: 36 sqm

TWIN CARE HOSPITAL

SEWAGE TREATMENT PLANT

Designed to treat 50 m³ of hospital sewage with the smallest footprint SBR in the market.

Technology: Sequencing Batch Reactor (SBR)

Application: Hospital

Capacity: 50 m³/day

Scope: Design and Installation

Location: Angat, Bulacan

Project Cost: ₱1,900,000.00

Total Area: 41 sqm.



ARIESCOR® WATER

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Ariescor SBR Projects



CENTURY SPIRE

SEWAGE TREATMENT FACILITY

Technology: Sequencing Batch Reactor (SBR)

Application: Commercial and Residential

Capacity: 450 m³/day

Scope: Supply, Installation and Automation of Control Panel

Location: Makati City

Project Cost: ₱ 1,100,000.00

DAVAO CENTRALE HOTEL

by: Felcris Centrale Hotel and Resorts

SEWAGE TREATMENT PLANT

Designed to treat hotel sewage, this compact SBR has a Tertiary Treatment System for Water Reuse of the Hotel and Resort.

Technology: Sequencing Batch Reactor (SBR) with Water Reuse Technology

Application: Hotel and Resort

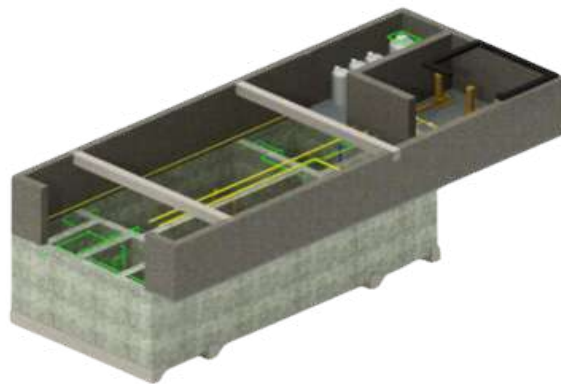
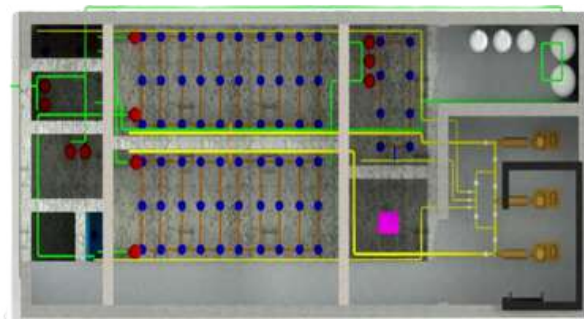
Capacity: 100 m³/day

Scope: Design and Consultancy

Location: Davao City

Design Cost: ₱ 150,000.00

Total Area: 105 sqm.



BioCar™ Projects

EMERALD CONDOMINIUM

SEWAGE TREATMENT PLANT

Designed to treat 175 m³ of residential sewage, this compact MBBR is designed to upgrade the existing DAF System.

Application: Condominium

Capacity: 175 m³/day

Scope: Design and Consultancy

Location: Ortigas, Pasig City

Design Cost: ₱ 300,000.00



CLOUD KITCHEN

SEWAGE TREATMENT PLANT

Designed to treat sewage that comes from a commercial kitchen establishment. It is a new design Moving Bed Biofilm Reactor (MBBR) product by Ariescor Water for small capacity wastewater treatment facilities.

Application: Commercial Kitchen

Capacity: 5 m³/day

Scope: Design and Build

Location: Brgy. Bangkal, Makati City

Project Cost: ₱ 1,700,000.00



OTHER PROJECTS

MCARTHUR CORPORATION

EFFLUENT TREATMENT PLANT

Designed to treat 48,000 m³ of magnetite mining effluent, this compact Physicochemical Treatment System has a Tertiary Treatment System for Water Reuse of the 30% of the total discharge.

Technology: Coagulation, Flocculation, Sedimentation, Micro-Filtration and Adsorption

Industry: Magnetite Mining

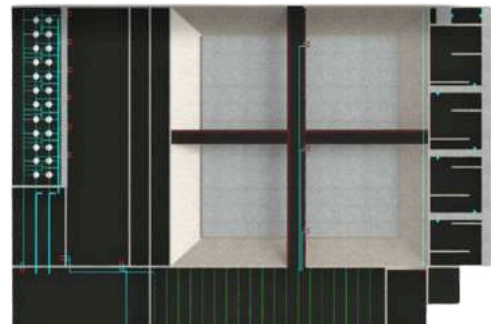
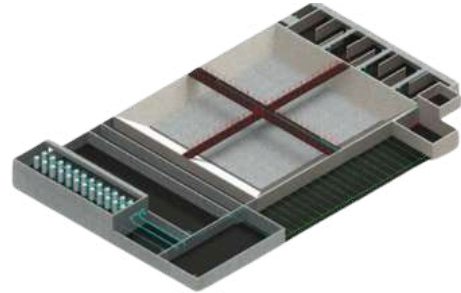
Capacity: 48,000 m³/day

Scope: Design and Consultancy

Location: McArthur, Leyte

Design Cost: ₱ 200,000.00

Total Area: 2,000 sqm. (Alloted: 5,000 sqm)



ORIENT SQUARE

SEWAGE TREATMENT PLANT

Technology: Conventional Activated Sludge (CAS)

Industry: BPO

Capacity: 225 m³/day

Scope: Electromechanical Supply, Installation and Automation

Location: Ortigas, Pasig City

Project Cost: ₱ 1,600,000.00



OTHER PROJECTS

Power4All Inc. (Patindig Maynilad Project)

MODULAR WATER TREATMENT PLANT

Designed to treat 4 Million Liters per day of river water with the design principle of Chemical treatment, Ultrafiltration and Reverse Osmosis to provide smallest footprint system.

Technology: Intake Pump, Process Tank, Break Tank, and Mechanical Piping Installation

Industry: Water Concessionaire

Capacity: 4 MLD

Scope: Design, Supply and Fabrication

Location: Imus, Cavite

Project Cost: ₱ 45,000,000.00



OLONGAPO SANITARY LANDFILL

LEACHATE TREATMENT PLANT

Designed, Rehabilitated and Automated to treat landfill leachate by utilizing the area and process optimization that can remove heavy metals and increase the biodegradability of the landfill leachate for the Rotating Biological Contactor to be utilized. We also add a Sludge Drying Bed for proper disposal and/or reuse of Sludge.

Technology: Rotating Biological Contactor (RBC) and Advance Oxidation Process (AOP)

Industry: Sanitary Landfill

Capacity: 18 m³/day

Scope: Design, Construction, Installation and Automation

Location: Olongapo City, Zambales

Project Cost: ₱ 3,600,000.00



OTHER PROJECTS

PHILIPPINE WOMEN'S UNIVERSITY (JASMS-QC)

SEWAGE TREATMENT PLANT

Equipment: 2 units Submersible Pump and 2 units Blower

Industry: School

Scope: Supply and Installation of Pumps and Overhauling of Blowers

Location: Quezon City

Project Cost: ₱ 190,000.00



TIMBERLAND HIGHLANDS RESORT

SEWAGE TREATMENT FACILITY

Equipment: Submersible Transfer Pump and Centrifugal Pump

Industry: Hotel and Resort

Scope: Supply and Installation

Location: San Mateo, Rizal

Project Cost: ₱ 192,000.00

SOLEMARE PARKSUITES

SEWAGE TREATMENT PLANT

Equipment: 2 units MH Electromagnetic Flowmeter

Scope: Supply and Installation of Electromagnetic Flowmeter

Location: Pasay City

Project Cost: ₱ 140,000.00



OTHER PROJECTS



ONE BEVERLY PLACE

Scope: DENR Permit Application (Discharge Permit, Permit to Operate, and Hazardous Waste ID)

Location: San Juan City

Project Cost: ₱ 150,000.00

LAVABENDO SPARTA

WASTEWATER TREATMENT FACILITY

Technology: Micro-Filtration and De-Ionization

Industry: Laundromat

Capacity: 10 m³/day

Scope: Design and Consultancy

Location: Ortigas, Mandaluyong City

Design Cost: ₱ 100,000.00

Total Area: 2 sqm.



EQUIPMENT SUPPLY



SONHO PUMPS
(Principal Distributor)



Sonho Pumps Manufacturing Co., LTD. is a submersible pump manufacturer/supplier accumulates 30-year experience in pump researching, developing and manufacturing. Major markets include Taiwan, Asia, Middle East, USA, Europe, and Mainland China. ISO 9001:2000 certified.

Applications: Rainwater, Sewage, Industrial Wastewater, Sludge, Animal Husbandry, Drainage

Capacity: 0.13 m³/min – 4.0 m³/min

Pressure Head: 6 m – 34 m

Discharge Diameter: 2" – 8"

Power: 0.5HP – 30HP, 1/3 Phase, 60Hz

MEIHE FLOWMETER
(Exclusive Distributor)



Kaifeng Meihe Automation Flowmeter Co., Ltd. is a high-tech enterprise integrating research, development, production, and sales of intelligent instrument, flow meters, level instruments, and flow detection equipment.

Applications: Water Treatment, Sewage, Industrial Wastewater, Sludge, Animal Husbandry, Chemical

Capacity: up to 1.2 Million m³/day

Discharge Diameter: 2" – 120"



KEY PARTNERS AND CLIENTS



TECHNICAL EXPERIENCE

- **Process Operation Control and Monitoring for the system recovery of 350 m³/day Wastewater Treatment Plant (Sequencing Batch Reactor) of Mekení Food Corporation in Porac, Pampanga.**
- **Process Operation Control and Monitoring for the system recovery of 2,000 m³/day Wastewater Treatment Plant (Sequencing Batch Reactor) of 557 Feathermeal Corporation in Concepcion, Tarlac.**
- **Process Operation Control and Monitoring for system recovery of the 240 m³/day Wastewater Treatment Plant (Sequencing Batch Reactor) of RM Prime Processing Plant Inc. in Marilao, Bulacan.**
- **Process Design, Operation, and Monitoring for system recovery and compliance of 20 m³/day wastewater treatment facility (Sequencing Batch Reactor) of Kerith Brooks Trading – Feed Processing Facility in Pandi, Bulacan.**
- **Process Operation and Monitoring for system recovery and compliance of 100 m³/day wastewater treatment plant (Sequencing Batch Reactor) of Marilao Bulacan Poultry Processing Plant, Inc. in Marilao, Bulacan.**
- **Process Operation and Monitoring for system recovery and compliance of 100 m³/day wastewater treatment plant (Sequencing Batch Reactor) of Andoks Litson Corporation in Balete, Batangas.**
- **Process Operation and Monitoring for system recovery and compliance of 1,000 m³/day wastewater treatment plant (Conventional Activated Sludge) of Vitarich Corporation in Marilao, Bulacan.**
- **130 m³/day design and build of a sewage treatment plant in St. Anthony Mother and Child Hospital at Brgy. Basak, San Nicholas, Cebu City.**
- **30 m³/day design and build wastewater treatment plant in Waffle Time Commissary at Brgy. Pavia, Ilo-Ilo.**
- **275 m³/day wastewater treatment plant in Ultraclean Cebu at Brgy. Jubay, Lilo-an, Cebu City.**
- **Project in Charge of 150 m³/day construction of sewage treatment plant (Extended Aeration Process) at Jecson Medical Center in Tarlac, Tarlac City.**
- **Project in Charge for 130 m³/day rehabilitation of Up-flow Anaerobic Sludge Digester to Extended Aeration Process at S&R Shaw Boulevard in Mandaluyong, Metro Manila.**
- **Project in Charge for 600 m³/day construction of sewage treatment plant (Extended Aeration Process) with Material Recovery Facility at Arezzo Pasig Place in Sandoval Avenue, Pasig City.**

