



COMPANY PROFILE / CAPABILITY STATEMENT



Proprietary Water Treatment Chemicals

Brackish Water RO Systems

Seawater RO Systems

Packaged Waste Water Treatment

Water Reuse System

Laundry Waste Recycling

Ultrafiltration/Microfiltration Systems

Nanofiltration

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1. INTRODUCTION

Advanced Global Water Technologies, Inc, (AGWT) is a professional specialized Chemical and Equipment Company for Water and Wastewater. AGWT offers integrated solutions to difficult to treat water and wastewater by combining proprietary chemicals with state-of-the-art equipment and system engineering design. This unique combination ensures that each project is designed and built to suit actual site conditions and chemistries which are essential recipes for a successful project.

AGWT derives its capabilities from over 50 years of combined experience from its principal and senior staff, in all forms of water treatment chemicals, potable and wastewater treatment with specialist expertise in integrated membrane systems like Microfiltration/Ultrafiltration systems and Brackish/Seawater Reverse Osmosis systems.

2. ADVANCED GLOBAL WATER TECHNOLOGIES, INC. (AGWT) – PRINCIPALS AND MANAGEMENT TEAM)

AGWT's principals have played key roles in well-known and well-established global chemical and water treatment companies prior to establishing AGWT, and had participated in the design and execution of many high-profile municipal and Industrial projects globally. Its principal and staff has extensive experience in working directly with customers and their consultants to design and build large capacity membrane plants involving the development and successful application of innovative technical solutions.

For Proprietary Chemicals, AGWT is working through its network of distributors in the USA, Caribbean Islands, Mexico, Thailand, Singapore, Pakistan, Philippines, Bahrain, and Kingdom of Saudi Arabia.

The top management of AGWT includes several veterans of water treatment industry, with combined experience of more than 50 years in design, manufacturing and installation of large capacity integrated membrane treatment plants. In addition, the management includes a team of proven water industry experts, managers and investors who have the track records and the experience in developing successful water projects.

ADVANCED GLOBAL WATER TECHNOLOGIES (Phils.) Inc. was registered as a corporation by the Securities and Exchange Commission last March 18, 2018



Advanced Global Water Technologies

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REPUBLIC OF THE PHILIPPINES
SECURITIES AND EXCHANGE COMMISSION
PICC Secretariat Bldg., PICC Complex
Pasay City, Metro Manila

COMPANY REG NO. CS201804271

CERTIFICATE OF INCORPORATION

KNOW ALL PERSONS BY THESE PRESENTS:

This is to certify that the Articles of Incorporation and By Laws:

ADVANCED GLOBAL WATER TECHNOLOGIES (PHILIPPINES) INC.

were duly approved by the Commission on this date upon the issuance of this Certificate of Incorporation and By Laws in accordance with the Corporation Code of the Philippines (Batas Pambansa Blg. 68), and copies of said Articles and By Laws are hereto attached.

This certificate grants juridical personality to the corporation but does not authorize it to undertake business activities requiring a Secondary License from this Commission such as, but not limited to acting as: broker or dealer in securities, government securities eligible dealer (GSED), investment adviser of an investment company, close-end or open-end investment company, investment house, transfer agent, commodity/financial futures exchange/broker/merchant, financing company, pre-need plan issuer, general agent in pre-need plans and time shares/club shares/membership Certificate issuers or selling agents thereof. Neither does this Certificate constitute as permit to undertake activities for which other government agencies require a license or permit.

As a registered corporation, it shall submit annually to this Commission the reports indicated at the back of this certificate. Failure to submit annual Financial Statements and General Information Sheets within two (2) years from date of incorporation shall be construed that the corporation has not been formally organized and has not commenced the transaction of its business, thus be subject of Suspension Order

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of this Commission to be affixed to this Certificate at PICC Secretariat Bldg., PICC Complex Pasay City, Metro Manila, Philippines, this day of 29, March, Twenty Eighteen.




FERDINAND B. SALES

Director
Company Registration and Monitoring Department

Resume and Contact Information of Key Staff

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3. AGWT's - Management Team Experience

AGWT's Management and Staff team members have a history of success in the industry and know what it takes to build an industry leading firm.

Below is a list of some of the representative projects that have been executed by our senior staff.

Table 1.1: Projects Executed by AGWT's Senior Staff

Project Name	Country	Scope of work / Supply	Capacity
Ghana	Ghana	Turnkey SWRO & UF plant for municipal supply	5,000,000 US GPD
Ecopetrol	Colombia	BWRO & UF plant	5,760,000 US GPD
Perini	Iraq	Dual BWRO's, UF, chemical system, GAC, Remin containerized	2 x 115,000 USGPD



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American Water Company	USA	Production of multiple standard RO skid units for process water	Vary from 50-450 USGPM
Western Corridor, Luggage Point AWT	Australia	Design, manufacture, supply and supervise installation for BWRO trains for treatment of waste water for reuse	15,000,000 IGD
Gulf Cement Company	UAE	Pretreatment filtration, 2 pass SWRO system, post treatment; Design, manufacture, supply, install, supervision, and start-up.	2,500 M3/Day
Venice Gardens Water Treatment Facility	USA	Engineering, Procurement and Construction. Upgrade existing facility by 40% capacity	5 x 370,000 USGPD
Town of Lochbuie	USA	Cartridge pre-filter, chemical dosing, high pressure pump, three (3) RO train, CIP system and	1 x 150,000 USGPD 2 x 360,000 USGPD



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		instrumentation and control panel	
Doolittle Water Treatment Plant	USA	Complete turnkey contract for all equipment, installation and start-up services for a new RO facility. DHT scope is all pre-treatment, RO equipment and post treatment processes	2 x 1,000,000 USGPD
Town of Moundsville	USA	Design and supply of two nanofiltration treatment systems complete.	2 x 1,500,000 USGPD
North Cameron County RO Plant	USA	Complete turnkey contract for all equipment, installation and start-up services for a new RO facility. DHT scope is all pre-treatment, RO equipment and post treatment processes	2 x 1,000,000 USGPD
Owassa Water Treatment Plant	USA	Complete turnkey contract for all equipment, installation and start-	3 x 1,000,000 USGPD



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		up services for a new RO facility. DHT scope is all pre-treatment, RO equipment and post treatment processes	
Pepsi Baltimore	USA	RO system and post chlorination system	2 x 432,000 USGPD
Pepsi Riviera Beach	USA	UF/ RO system; upgrade to other water treatment systems	2 x 432,000 USGPD
Pepsi-Cola Newport News, VA	USA	UF/RO system; upgrade of other water treatment systems	2 x 432,000 USGPD

Pepsi-Cola Philadelphia	USA	UF/ RO system; upgrade to other water treatment systems	2 x 432,000 USGPD
Dok-Do	Korea	Engineering & procurement of a SWRO unit for an island community in Korea	15,000 USGPD



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Seo-Do	Korea	Engineering & procurement of a SWRO unit for an island community in Korea	15,000 USGPD
City of Cape Coral SW Expansion	USA	Provide feed pump refurbishments; supply and install new transfer pumps; new clearwell baffling; other site and piping modifications	9 ea. x 1,000,000 USGPD
Grand Bahama Power Company	Grand Bahama	Containerized two pass SWRO system and EDI system for boiler feed water treatment	1 ea. x 56,000 USGPD
Compania Minera Milpo	Peru	Intake system, transmission lines, pretreatment filtration, SWRO system, post water treatment; Design, manufacture, supply & install. For Cement Plant Application.	1,133,553 USGPD
Saqqara Egypt - KBR	Egypt	Ultrapure system; media filters, two pass RO system, UV sterilizer, demineralizer and membrane degasser	48,000 USGPD
DUF6 Water Treatment System	USA	Demineralized water treatment system; media filters, two pass RO system, E-Cell	50,000 USGPD
Costa Azule, LNG Plant	Mexico	Extended aeration sewage treatment, steel tank construction; Design, supply and commission	4,226 USGPD



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Village of Minster	USA	Design, supply and installation of RO trains, local controls and cartridge filter housings	2 ea. x 970,000 USGPD
Town of Lochbuie	USA	Mobile cleaning system for RO system	1 ea. X576,000 USGPD
Mobile Containerized RO Units, USAID	Iraq	Three containerized surface water treatment systems; process included coagulation, clarification, media filtration, RO, chemical treatment and chlorination	-
Arkema	USA	Extended aeration sewage treatment, steel tank construction; Design, supply and commission	3,000 USGPD
City of West Carrollton	USA	RO skid supply, installation supervision, start-up, testing and owner training	2 x 1,000,000 USGPD
Coca-Cola Enterprises	USA	Upgraded RO system flow, replaced chlorination with UV circulation, upgraded the controls of the water plant, new CIP system, and sand filter re-conditioning	1 ea.X 384,000 USGPD
Long Beach Prototype Plant, Long Beach Water Department	California	NF prototype plant and conventional seawater RO system. Design, manufacture, supply & commission	2 x 150,000 USGPD



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LUS - Hargis Herbert Power Station	USA	High purity system for boiler feed water; design, manufacture, install & commission; RO & EDI	90,000 USGPD
Town of Williamsfield	USA	Skid design and fabrication, feed pump, start-up and commissioning	310,000 USGPD
Tropicana Products	USA	Skid mounted RO, storage tanks, pumps and CIP system; provided engineering, installation and startup	57,600 USGPD
Village of Toulon	USA	Skid design and fabrication, feed pump, start-up and commissioning	250,000 USGPD
North Lee County RO Plant	USA	Design, supply and installation of RO trains, local controls and cartridge filter housings	2 x 2,500,000 USGPD
Lee/Hendry County Landfill	USA	Submerged spiral wound membrane UF system, RO System, Clean-in-Place skid, startup, commissioning and training	40,000 USGPD
Pepsi Cola Bottling Plant	USA	UF/RO Pilot test	20,000 USGPD
Mulberry Phosphate Pond	USA	Retrofit of existing RO system to prepare it for higher flow and low pH water, prefiltration and other chemical treatment systems	3,000,00 USGPD
Boynton Beach Expansion	USA	Plant expansion through new high square footage element installation; change out and commissioning, improve clearwell transfer pump performance by upsizing pump impeller	3 x 1,400,000 USGPD

La Junta RO Facility	USA	R.O. Skid design and fabrication, feed pump, CIP System, start-up, commissioning and training	3 ea.X730,000 USGPD
La Sara Water Treatment Plant	USA	Complete turnkey contract for all equipment, installation and start-up services for a new RO facility. DHT scope is all pre-treatment, RO equipment and post treatment processes	2 ea.x 500,000 USGPD
Southmost Regional Desalination Plant	USA	Complete turnkey contract for all equipment, installation and start-up services for a new RO facility. DHT scope is all pre-treatment, RO equipment and post treatment processes	6 ea.x 1,000,000 USGPD
LUS	USA	High purity system for boiler feed water; design, manufacture, install & commission; RO & EDI	1 ea. 90,000 USGPD
University of Southern Florida Pilot Unit	USA	Microfiltration pilot system	20,000 USGPD
Bayonne Energy Center	USA	UF, RO, and EDI and CIP for each system, Neutralization System. 18 RO Pressure Vessel, 3 UF with 25 Norit Membrane, 3 EDI unit w/ 27 cell each train. (cell/rack)	1,000,000 USGPD

Keansburg Municipal WTP	USA	RO Plant, 2 Trains 12 Pressure Vessel each, 1 CIP	1 ea. X 600,000 USGPD
West Basin Recycle Plant	USA	2 RO trains, 75 Vessel Each Train, 3 Stage system, with 25 uS/cm/45 uS/cm/ 105 uS/cm conductivity profile.	5,000,000 USGPD
Santa Clara, Recycle Plant	USA	3 RO trains, 80 Vessel each Train w/ 2 stage system, 8 MF Rack, 6 UV trains (RO has average of 13-15 uS/cm / 45-50 uS/cm conductivity Profile).	8,000,000 USGPD
Islas Marias	Mexico	3 SWRO Train in One skid, 16" Pressure Vessel, CIP, Media Filter, Sea Water Unit, 200 HP RO pump, Flux Rate of 15.5 LMH, 1200 psi, 3" permeate port, Code line 16E120-7W	500,000 USGPD
KingsBay Submarine Base	USA	4 BWRO Train in One skid, 8" Pressure Vessel, CIP, Media Filter, BWRO Water Unit,	4ea.x 500,000 USGPD
Dateland Project	USA	1 BWRO, 3 - 8" membrane x 7 Element Pressure Vessel,	400,000 USGPD
Silicon Valley Solar Ranch	USA	1 BWRO train, 3 Stage, 4" membrane, with CIP and Chemical	100,000 USGPD

		System	
An Binh	Vietnam	2 Containized SWRO train , with 2 DMF and 1 CIP each train,	2ea. x 100 Tons/Day
Mong Duong-II Power Plant	Vietnam	Lamella Clarifier + 2 Train System,3 - DMF,Dual MBP, RO Cleaning System, Chemical System, 3 stage RO system	2 x 250,000 USGPD
Milpo	Peru	3 x SWRO for Cement plant	3 ea. x 400,000 USGPD

RECENT PHILIPPINE PROJECTS

REDCORP	Muntinglupa City Philippines	Brackish Water RO System with Softener Pretreatment for Boiler Feed Water.	1 ea. 30 M3/Hr.
PANDAN ISLAND LEGENDS OF PALAWAN	Pandan Island, Honda Bay, Palawan Philippines	Seawater (Desalination) RO System For Potable Water use in Pandan Island	2ea.x 10,000 USGPD
SOUTH NEGROS BIOPOWER	La Carlota City	Containerized Double Pass RO + EDI for Boiler Feed Water	10 M3/Hr.

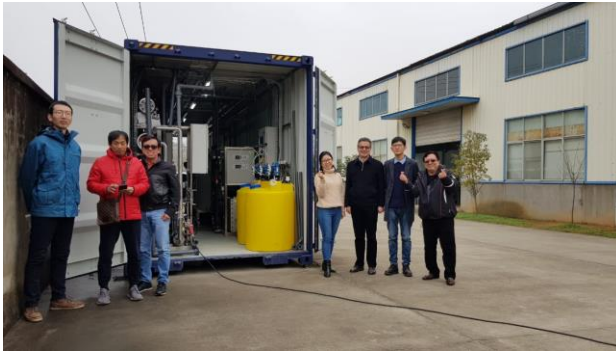
	Negros Occidental, Philippines	Makeup Water, 10 Megaohms resistivity	
NORTH NEGROS BIOPOWER CORPORATION	Manapla City, Negros Occidental, Philippines	Containerized Double Pass RO + EDI for Boiler Feed Water Makeup Water, 10 Megaohms resistivity	10 M3/Hr.
HOTEL WASTEWATER REUSE SYSTEM	PASAY CITY	MBBR + TERTIARY FILTRATION, + UV LIGHTS + ULTRAFILTRATION. EFFLUENT USED FOR TOILET FLUSHING	100 M3/Da
MULTINATIONAL FIRM WASTEWATER REUSE SYSTEM	LIMA INDUSTRIAL PARK, MALVAR, BATANGAS	CONTAINERIZED MBBR +TERTIARY FILTRATION+ UV LIGHTS+ ULTRAFILTRATION+ REVERSE OSMOSIS SYSTEM .PRODUCT WATER FOR COOLING TOWER MAKEUP	150 M3/DAY





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4. PRINCIPAL SERVICES

AGWT will be able to offer all aspects of municipal and industrial water, reuse and wastewater treatment and the supply of associated equipment and chemicals anywhere in the world.

It can provide a comprehensive combination of process, civil, mechanical, electrical and chemical engineering skills as a turnkey operation.

In Southeast Asia, AGWT can also offer BOO on selected water related projects.

For all major projects, upon successful completion of the performance tests, AGWT Engineering and Service personnel would normally provide a five-day structured training program for the Owner's personnel. This training program provides instruction to all levels of the management, operational and maintenance staff. AGWT remains available throughout the operational phase to provide additional assistance or training. If required, a AGWT service engineer/technician can be made available to remain on-site for one week following start-up to monitor operation of the system, and reinforce the training provided to the Owner's operators.

5. OPERATORSHIP AND PREVENTIVE MAINTENANCE PROJECTS

AGWT's in partnership with A.M. Genserv, Inc. collaborated in the operatorship and maintenance as well modifying of Sewage Treatment Plant (STP) of their existing top clientele, Ayala Land, Corporation. This business partnership objective is to practically solve existing STP condition with an economical CAPEX solution, compliant with the full implementation of Department of Environmental and Natural Resources Administrative Order No. 2016-08 in relation to Republic Act 9275, otherwise known as the Philippine Clean Water Act of 2004.

Below is the list of Operatorship and Maintenance projects that have been executed by A.M. Genserv, Inc and AGWT.

Property Name	Location	Type of STP	Capacity
Amaia Skies Cubao	5th Ave. corner P. Tuazon Ave., Brgy. Socorro, Cubao, Quezon City	Sequence Batch Reactor (SBR)	945 cmd
Amaia Skies Shaw	Shaw Blvd., Samat St., Brgy. Highway Hills, Mandaluyong City	Sequence Batch Reactor (SBR)	580 cmd
Ametta Place	Mercedes Avenue, San Miguel, Pasig City	Sequence Batch Reactor (SBR)	394 cmd
Avida Towers Altura	Alabang, Muntinlupa City	Sequence Batch Reactor (SBR)	350 cmd
Avida Towers Asten	Malugay St., Brgy. San Antonio, Makati City	Sequence Batch Reactor (SBR)	650 cmd
Avida Towers Astrea	Quirino Highway, Brgy. Pasong Putik, Novaliches, Quezon City	Sequence Batch Reactor (SBR)	288 cmd
Avida Towers Centera	EDSA corner Reliance St., Brgy. Highway Hills, Mandaluyong City	Sequence Batch Reactor (SBR)	876 cmd
Avida Towers Intima	497 President Quirino Avenue Ext. corner Zulueta St., Brgy. 678, Zone 74, Manila	Sequence Batch Reactor (SBR)	263 cmd
Avida Towers Makati West	Malugay and Yakal Sts., Brgy. San Antonio, Makati City	Sequence Batch Reactor (SBR)	400 cmd
Avida Towers Prime Taft	Donada St., Brgy. 36, Zone 3, Pasay City	Sequence Batch Reactor (SBR)	580 cmd

Avida Towers Vita	EDSA Vertis North, Brgy. Bagong Pag-asa, Quezon City	Sequence Batch Reactor (SBR)	400 cmd
Ayala Hillside STP 2	Capitol Hills Drive, Brgy. Old Balara, Quezon City	Sequence Batch Reactor (SBR)	213 cmd
Celadon Park T1&2	8009 MJCI Compound, Felix Huerta St., Brgy. 350, Zone 35, Sta. Cruz, Manila	Sequence Batch Reactor (SBR)	167 cmd
Celadon Park T3	8009 MJCI Compound, Felix Huerta St., Brgy. 350, Zone 35, Sta. Cruz, Manila	Sequence Batch Reactor (SBR)	258 cmd
Ferndale Homes	Sampaguita Avenue, Brgy. Pasong Tamo, Quezon City	Sequence Batch Reactor (SBR)	600 cmd
Ferndale Villas	Sampaguita Avenue, Brgy. Pasong Tamo, Quezon City	Sequence Batch Reactor (SBR)	448 cmd
Kasa Luntian Residential	Tagaytay-Calamba Road, Brgy. San Jose, Tagaytay City, Cavite	Sequence Batch Reactor (SBR)	221 cmd
Avida Serin West	Tagaytay-Calamba Road, Silang Crossing East, Tagaytay City, Cavite	Sequence Batch Reactor (SBR)	285 cmd

6. PROJECT IMPLEMENTATION

a. Typical Phases of an AGWT Project

Phase 1 Thorough review of the contract documents and specification and dissemination of important information within the AGWT organization.

Phase 2 Detailed Engineering Design

Phase 3	Engineering Submittal
Phase 4	Engineering Design – Final
Phase 5	Procurement
Phase 6	Equipment Fabrication and Assembly
Phase 7	Testing and Quality Control Inspection
Phase 8	Shipping and Delivery
Phase 9	Site installation
Phase 10	Start-up, Commissioning, Performance Testing and handover
Phase 11	Operator and Maintenance Training
Phase 12	Ongoing service and support throughout the testing phase
Phase 13	Client support – Operational Advice, Provision of Spare and Wearing Parts.

b. Project Staffing

Immediately following award, a Project Manager will be assigned. The Project Manager will have the overall responsibility to see that all aspects of the project are performed in strict accordance with the contract terms and specifications as well as the necessary authority to successfully carryout his responsibilities.

An internal project handover meeting will take place between the applications engineering team and the Project team to review contractual

obligations, both technical and commercial and other relevant matters pertaining to the timely and orderly execution of the project.

From that point, the Project Manager will be responsible for the overall coordination and control of the project from the detailed design and engineering stage up to the final testing and commissioning of the plant, ensuring that the project is executed in accordance with contractual obligations and in a timely fashion. The Project Manager will be supported by a dedicated Project Engineer, Design Engineer, Project Scheduler and Procurement Manager. The Quality Control Manager, who reports directly to the VP Engineering, will closely monitor the project in accordance with the Company's written Quality Assurance procedures.

6 QUALITY CONTROL POLICY

AGWT is committed to the implementation and maintenance of quality assurance systems throughout all areas of its activities.

A copy of AGWT QA/QC Manual is available upon request.

Commitment to quality by all AGWT employees ensures that a consistently high standard is achieved in all activities.

Sustained excellence requires continuous improvement. The AGWT management actively encourages all employees to participate in a quality improvement programme, and provides training to enable staff to contribute effectively.



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PROJECT PHOTOS

Wastewater Treatment Plant



PROJECT PHOTOS

- Dicing Saw Wastewater Reclaim / Ultrafiltration System



PROJECT PHOTOS

- Itrafiltration System for Dicing Saw, Backgrid and other RODI Wastewater



PROJECT PHOTOS

- Sewage Treatment Plant with Re-use and Recycling – 165 m³/day



PROJECT PHOTOS

- Sewage Treatment Plant 2000 m³/day



PROJECT PHOTOS

- Reverse Osmosis System 546m³/day



- Reverse Osmosis System 720m³/day



- 150 gpm RO/DI System



PROJECT PHOTOS

- Reverse of Osmosis Deionization System 150 gpm

