

# ROWELL A. PEÑAFLOR

072 Sitio Central, Brgy. Ipil Santa Cruz, Marinduque 4902  
[rapenaflor@up.edu.ph](mailto:rapenaflor@up.edu.ph) | [rowell.penaflor@outlook.com](mailto:rowell.penaflor@outlook.com) | +63947-412-5161 | +63915-484-5129  
[Linkedin.com/in/rowell-peñaflor/](https://www.linkedin.com/in/rowell-peñaflor/)

## CAREER PROFILE

Civil Engineer with almost 5-1/2 years of experience in hydraulic modelling, primarily water supply and distribution design for private property developments and municipal water districts. Skilled in utilizing the following software and principles: Microsoft Office, Computer Aided Drawing (AutoCAD), Google Earth, Bentley WaterGems, and Water Distribution Master Planning.

## CAREER SUMMARY

<b>MUNICIPAL GOVERNMENT OF SANTA CRUZ PROVINCE OF MARINDUQUE</b>	<b>MARCH 2022 – PRESENT</b>
<ul style="list-style-type: none"><li>OIC - MUNICIPAL GOVERNMENT DEPARTMENT HEAD (MGDH - I) OFFICE OF THE MUNICIPAL ENGINEER<ul style="list-style-type: none"><li>MEMBER – CONTRACTS TERMINATION REVIEW COMMITTEE</li><li>MEMBER – MUNICIPAL INSPECTORATE TEAM</li></ul></li><li>OIC – MUNICIPAL BUILDING OFFICIAL OFFICE OF THE BUILDING OFFICIAL</li><li>MEMBER – BIDS AND AWARDS COMMITTEE OFFICE OF BIDS AND AWARD COMMITTEE</li><li>WATERWORKS SUPERINTENDENT - I OFFICE OF THE MUNICIPAL WATERWORKS</li></ul>	<ul style="list-style-type: none"><li>JUNE 2022 - PRESENT</li><li>NOVEMBER 2022 - PRESENT</li><li>JULY 2022 – PRESENT</li><li>JUNE 2022 - PRESENT</li><li>JUNE 2022 - PRESENT</li><li>MARCH 2022 – PRESENT</li></ul>
<b>LAGUNA AAAWATER CORPORATION (A MANILA WATER PHILIPPINE VENTURES COMPANY)</b>	<b>MARCH 2017 – MARCH 2022</b>
<ul style="list-style-type: none"><li>DISTRIBUTION EFFICIENCY MANAGER</li><li>NETWORK PLANNER</li></ul>	<ul style="list-style-type: none"><li>AUGUST 2019 – MARCH 2022</li><li>MARCH 2017 - AUGUST 2019</li></ul>
<b>PHENIX GARUDA CONSTRUCTION AND DEVELOPMENT CORPORATION</b>	<b>JANUARY - JULY 2016</b>
CONSTRUCTION SUPERINTENDENT - CONCRETING WORKS	
<b>AVIDA LAND CORPORATION</b>	<b>MAY – JUNE 2014</b>
QUALITY MANAGEMENT AND WARRANTY UNIT - INTERN	

## EDUCATION

<b>BACHELOR OF SCIENCE IN CIVIL ENGINEER UNIVERSITY OF THE PHILIPPINES – LOS BAÑOS</b>	<b>JUNE 2010 - JULY 2015</b>
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### ACHIEVEMENTS

- RECIPIENT OF REPUBLIC ACT 7687 SCHOLARSHIP PROGRAM  
Department of Science and Technology Science Education Institute (DOST-SEI)  
Registration No. U-2010-4B-77522

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- 1<sup>ST</sup> PLACE NATIONAL CIVIL ENGINEERING QUIZ  
University of the Philippines Association of Civil Engineering Students (UPACES)  
University of the Philippines Diliman September 2014
- 2<sup>ND</sup> PLACE PICESIKLABAN QUIZ BEE  
Philippine Institute of Civil Engineers (PICE) Inc.  
Cavite State University November 2014

## EMPLOYMENT HISTORY

MUNICIPAL GOVERNMENT OF SANTA CRUZ PROVINCE OF MARINDUQUE MARCH 2022 – PRESENT

MUNICIPAL GOVERNMENT DEPARMENT HEAD (MGDH – I) OFFICE OF THE MUNICIPAL ENGINEER - OIC JUNE 2022 - PRESENT

- MEMBER – CONTRACTS TERMINATION REVIEW COMMITTEE NOVEMBER 2022 - PRESENT
- MEMBER – MUNICIPAL INSPECTORATE TEAM JULY 2022 – PRESENT

OIC – MUNICIPAL BUILDING OFFICIAL OFFICE OF THE BUILDING OFFICIAL JUNE 2022 - PRESENT

MEMBER – BIDS AND AWARDS COMMITTEE OFFICE OF BIDS AND AWARD COMMITTEE JUNE 2022 - PRESENT

WATERWORKS SUPERINTENDENT I OFFICE OF THE MUNICIPAL WATERWORKS MARCH 2022 – PRESENT

LAGUNA AAAWATER CORPORATION MARCH 2017 - MARCH 2022

Laguna Water Corporation (LAWC) is a subsidiary of Manila Water Corporation (MWC) that provides water and used water services throughout the Province of Laguna using over 1084 linear kilometers of laid and maintained pipelines. The company obtains its raw water from 116 deep well facilities, 22 of which have a total capacity of 92 million liters per day (MLD) and are connected to Laguna Wellfield, one of the largest ground water facility in the Philippines. Furthermore, for its used water services, it operates the Laguna Technopark Inc (LTI) Sewage and Septage Treatment Plan (SSTP), having a capacity of 11 MLD of sewage per day and 70 cum of septage per day.

DISTRIBUTION EFFICIENCY MANAGER AUGUST 2019 - PRESENT

- Facilitates the formulation of operational philosophies, strategic, tactical and executorial plans for the optimization of the water supply network
- Develops, implements and evaluates strategic plans to ensure sufficient water pressure, proper supply allocation and water quality compliance of the supply grid

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- Identifies strengths and weaknesses of the grid to develop programs and projects in preparation for the expansion of water sources and services area coverage to meet the company objectives and targets
- Develops the operating rules on the production, transmission and distribution systems that best meet the needs of the customer (Business Operations) at minimum cost of operations by the water supply facilities
- Provide inputs, through modeling and simulation tools, on the development and implementation of capital investment projects involving water supply sourcing, production, transmission and distribution of the grid
- Develops and reviews water system masterplans and strategies for regulated, and future new businesses, with the objective of maximizing revenue while ensuring compliance with regulatory standards and company key performance indicators
- Provides technical support to the Business Areas on supply allocation and management of flow and pressure via demand-based management approach to improve Billed Volume (BV) and minimize Non-Revenue Water (NRW)

## NETWORK PLANNER

MARCH 2017 - AUGUST 2019

- Develops, maintains and updates the simulation from hydraulic modeling tools for the effective management of water production and transmission
- Evaluates hydraulic models and recommends technical solutions to improve reliability and operational efficiency
- Coordinate with Business Operations in identifying/initiating new projects that will meet corporate objectives
- Develops and implement procedures, and provides monitoring and control on providing technical services to new business development (NBD) engagements and operations

## MAJOR PROJECTS HANDLED

- LAGUNA WELLFIELD (LWF) 2 PROJECT
  - Package 3 Pipelaying of Cabuyao National Highway (Banay-banay to Banlic)
  - Package 4 Pipelaying of Mamatid Road (Banlic to Mamatid)
  - Package 5 Pipelaying of Cabuyao Coastal Road (Butong to Marinig)
- PAGSANJAN BUSINESS PLAN
  - Created the Master Plan for the newly take-over Pagsanjan Water District, comprising of Expansion and Rehabilitation Projects (pipelines and pumping stations) as well as the corresponding new water supply sources
- LAGUNA WATER CLUSTER 4 SEPTAGE TREATMENT PLANT
  - Take part in creating the Septage Master Plan of Laguna Water for the following municipalities: Calauan, Victoria, Pila, Sta Cruz and Pagsanjan
- VICTORIA PHASE 2 and 3 PROJECT
  - Spearheaded the water network and source development and design for the following barangays of Victoria: San Francisco, Banca-Banca, Masapang, San Benito and San Felix

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PHENIX GARUDA CONSTRUCTION AND  
DEVELOPMENT CORPORATION

JANUARY - JULY 2016

CONSTRUCTION SUPERINTENDENT - CONCRETING

Phenix Garuda, like its sisters’ company Hilmarcs Construction Corporation (HCC), a triple A construction corporation and one of the Philippines’ top 1000 contractors, is construction company that specializes in commercial and high-rise buildings. Among the company’s completed and on-going projects include Manila Bay Resort (Okada), Insular Life Makati Building Renovation and CarPark as well as Rockwell’s Power Plant Mall and the Proscenium Residences.

- Prepares actual estimate (volume quantity) of different type of concrete design mix
- Prepares detailed execution plan of actual pouring works for different structures
- Coordinates with other agencies and groups concerning traffic jam due to pile up of transit mixers
- Conducts measurement with suppliers to obtain actual volume of concrete needed
- Performs actual monitoring on progress of pouring works
- Performs inspection of casted structures after stripping of forms

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## PROFESSIONAL QUALIFICATION

REGISTERED CIVIL ENGINEER

Republic of the Philippines Professional Regulation Commission  
Registration Number: 0141692 valid until December 2024

ORIENTATION/WORKSHOP ON ENHANCED PUBLIC FINANCIAL MANAGEMENT ASSESSMENT TOOL (EPFMAT) FOR LOCAL GOVERNMENT UNITS (LGUs)

MIMAROPA League of Local Budget Officers (MiLLBO), Department of Budget and Management (DBM) MIMAROPA Region  
Eurotel North Edsa, 49 Bulacan St. Brgy. Bungad, Quezon City  
October 17-19, 2022

DOLE Prescribed 40-hours BASIC OCCUPATION SAFETY AND HEALTH (BOSH) TRAINING

Training Center: Synerquest Management Consultancy Services Inc.  
Bureau of Working Conditions, Department of Labor and Employment  
Accreditation No. 1030-011516-0060

BASIC TRAINING COURSE FOR POLLUTION CONTROL OFFICERS (PCO)

Pollution Control Association of the Philippines (PCAPI) Region IV-A Chapter, Inc. and Department of Environment & Natural Resources, Environmental Management Bureau (DENR-EMB) CALABARZON Region  
Citystate Tower Hotel, 1315 A. Mabini Corner Padre Faura Street, Ermita, Manila  
February 22, 2020

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## COMMUNITY SERVICES AND VOLUNTEERING WORKS

- **TUBIG PARA SA BARANGAY (TPSB)**
    - Laguna Water’s way of helping financially challenged household in connecting to their water network
    - Participated in designing the pipelines going to the customer
  - **LINGAP ESKWELA**
    - A program that aims to provide access to clean water and basic sanitation to public schools in Laguna
    - Shared technical skills by ensuring clean and safe water can reach the beneficiaries thru proper design of pipelines before and within the school compound
  - **LINIS ESKWELA (BRIGADA ESKWELA)**
    - A yearly program conducted by the company in partnership with public elementary schools across Laguna to help clean and rehabilitate school facilities
  - **DALOY NG SAYA**
    - The company’s Corporate Social Responsibility (CSR) initiative that bring smiles to public elementary school children in Laguna through Information, Education and Community (IEC) program and gift-giving
  - **PASIBOL**
    - Tree planting activity conducted by the company to do its share in preserving the ecosystem and the environment
  - **ASSISTED NATURAL REGENERATION**
    - Ayala Land’s initiative project to help make a cleaner and greener Philippines as part of its 185<sup>th</sup> anniversary
    - Volunteered at the tree planting activity held at Bella Vita Alaminos, Alaminos Laguna last June 18, 2019
  - **ADOPT A BUSINESS AREA (BA)**
    - The company’s action in response to Manila Water East Zone Water Supply Crisis
    - Assigned in water tankering services last April 1, 2019 at Makati- Mandaluyong (MakMan) Business Area
  - **DENR OPLAN ESTERO 2019**
    - Manila Water’s Toka (share) in Manila Bay Rehabilitation Plan
    - Volunteered at the Taguig River Clean up last March 31, 2019
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## REFERENCES

Available upon request

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