

## **VISION**

MCWD envisions itself to be a progressive and economically viable utility firm that provides adequate, safe, potable and affordable water and an effective sewerage system for Metro Cebu.

## **Mission Statement**

We are committed to undertake continuing exploration and development activities, aimed at the preservation and sustainability of our water resources. We must always adhere to sound practices in preserving our natural environment.

Our capability to provide proper services must continuously improve by designing and managing the growth of infrastructure in an innovative, timely, safe and cost-effective manner and conforming to internationally accepted standards.

We shall operate and maintain our facilities in an optimal manner, making total quality an integral part of our performance.

It is then indispensable to nurture a highly-motivated workforce, with a strong spirit of collaboration, deeply committed to professionalism, and firmly focused on productivity.

The workforce shall be upheld and inspired by a competent management team dedicated to the common good of MCWD.

All these tasks must be accompanied by sound and prudent financial management with overriding goal of providing better services to the people of Metro Cebu.

## **MCWD CORE VALUES**

To attain our vision through the fulfillment of our mission, we must establish a corporate culture deeply characterized by our core values. Everything that we do in the office and in the field on a day-to-day basis must be imbued by the force of these core values:

### **1. Spirit of Service**

Anchored in the belief that our major reward in work consists in making people happy because we serve them well.

Let us be accessible to all our customers and serve them with sincere and honest attention.

Our spirit of service must go beyond responding to the customers' complaints by providing them with prompt service and accurate information.

## **2. Moral Integrity**

Built on the reality that human dignity and happiness are essentially linked to the practice of moral values in the workplace and elsewhere.

Genuine selflessness will be our prime motive for doing our work. This means that we principally desire to be a valuable service to people, and not to do our work simply because of what we can get in return.

Avoid all use of influence and connections to get undue favors for oneself or for others, and refuse to influence one another negatively.

Let us encourage a lifestyle that is truly respectful of a person's dignity.

Reject all use of MCWD resources and time for our own personal convenience and financial benefit.

## **3. Loyalty to our Institution**

Rooted in the intrinsic values of our corporation worthy of our love and pride.

Let us align our personal goals with the corporate goals of MCWD. It would be a disservice for any employee of MCWD to use undue influence which is in conflict with the corporate goals.

Deep concern about the image of MCWD must characterize our behavior at all times. We must strive to contribute to the good image of MCWD by doing our work selflessly with competence and integrity.

Loyalty to our institution leads us to be mutually supportive of all employees and departments of MCWD with no exception whatsoever.

## **4. Professionalism**

Based on a belief that our God-given talents must be made to grow and be constantly improved so that we may be of better service to people.

It is our personal responsibility to build our own competence by working hard and demanding a lot from ourselves, seeking to upgrade our skills and learn from our mistakes.

Let us create and maintain a culture where respect for work standards is paramount and where we help one another in striving for excellence.

## **5. Focus on Performance**

Linked to our ideal that it is through excellence in our performance that we best serve people.

We must find pride and meaning in our own work, principally because we have worked productively, constantly conscious of the standards we have set for ourselves.

Let us instill a sense of urgency in all that we do. We will fight against all forms of procrastination. This will require that we take timely and adequate initiative in all our efforts.

Conscious of the need for goal setting at all levels of the organization, we need to be forward-looking and review our goals often.

## **6. Stability in Unity**

Founded in the knowledge that our organization will be firm and strong, anchored in the spirit of solidarity by which we all strive to contribute to the good of all.

The strength of an organization is found principally in the united power of people. We will foster an atmosphere of genuine trust and confidence in one another based on building competence and instilling integrity within the organization. Open and honest communication shall likewise be encouraged.

A sense of fairness and justice would guide all our actions and thoughts. This requires a firm respect for the rights of everyone without exception. We must avoid all forms for envy and greed.

## **MESSAGE OF THE CHAIRMAN OF THE BOARD OF DIRECTORS**

With my assumption as chairman of the Board of Directors of Metropolitan Cebu Water District (MCWD) this year after having been away for a few years, I saw more challenges and opportunities that the water district needed to face head on.

The message is simple: be more aggressive.

While Metro Cebu was still reeling from the effects of the 2015 El Nino phenomenon, its overpumped aquifers was taking a beating from the unprecedented demand due to the “abnormal” growth in both the residential and commercial consumers’ population.

Although the development is an effect of several years’ worth of efforts to promote Cebu as an investment and tourism hub, there was just not enough water in MCWD’s service area to cope with the demand.

I started serving MCWD as director in 1997 and for the first time in two decades, subdivisions and multi-million companies were turning to MCWD for help as their private wells were starting to dry up.

The immediate solution to the widening supply-demand gap was to enter into small water supply agreements with the private sector through Private-Public partnerships for an additional 80,000 cubic meters per day by 2020.

Desalinated water is no longer just one of the options but a must.

MCWD also needs to immediately bid out the Mananga and Lusaran dams for the huge volume needed to meet the projected demand if the water district also wants to expand its service coverage from the current 43 percent.

To achieve this goal, MCWD will have to expand its distribution system by an additional 100 kilometers of pipelines by 2020.

Distribution of water will be improved by reducing the non-revenue water percentage to below 20 and by putting up additional storage facilities.

These new sources and programs will mean MCWD will have to increase its water tariff structure to cover the cost.

In the future, adequate water will not be cheap.

This is the new reality that MCWD is faced with and Metro Cebu’s water consumers will expect improvements in both supply hours and service if they are to pay more.

As a start, the MCWD Board of Directors made it a policy to look at the customers’ welfare first.

The board decided to stop the seminar-orientation as a requirement for new applicants for water service connection to make the process easier.

Customers welcomed the development enthusiastically and with gratefulness.

Before the year ended, MCWD entered into an agreement with the Development Bank of the Philippines for the provision of payment services for water bills using Visa credit cards.

This milestone will make it easier for customers to deal with MCWD.

Our customers will have to wait a little bit more for improvements in their water supply but MCWD will continue to look for ways to make our services more meaningful for them.

Joel Mari Yu

## **GM Noel's message**

First and foremost, I would like to sincerely express my appreciation to my colleagues, who have shown me their support from the first to the last day of my stint as acting general manager of the water district.

The year 2017 for Metropolitan Cebu Water District (MCWD) was a good year for us but full of changes and some progress. We welcomed a new chairman and a new member of the Board, new staff, technology, policies and set a new direction for the advancement of the water district.

In terms of operations, MCWD intensified its efforts to look for additional water sources. The bulk supply projects from Danao City, Mambaling in Cebu City and Lawaan, Talisay City will hopefully address the supply gap in MCWD's service area.

To increase production of the Jac lupan wellfield and Buhisan Dam, desiltation works were conducted and completed in the last quarter of 2017. After silt and mud were removed, the Buhisan Dam produced a maximum of 6,000 cubic meters per day (cmd) from 4,000 cmd. The Jac lupan wellfield maintains its production of 27,000 cmd.

Three more wells were drilled, tested and developed in 2017. One is located in Alpha Executive Homes in Talisay City, Well T6 is in Labangon, Cebu City and the Tawason well in Mandaue City. These wells have a combined yield of 1,560 cmd that will make the total daily production of 228,560 cmd once these will be commissioned.

MCWD's Septage Management Program expands as the water district applied for a \$20-million grant or equivalent to P1-billion more or less from the Japan International Cooperation Agency (JICA) to fund the construction of septage treatment plants (STPs) in two allocated sites in Mandaue City and the Province of Cebu. This is in addition to MCWD's STP in Cordova, which has been operating since 2016.

The completion of the 1,000 cubic meter-capacity modular water tank in Brgy. Kalunasan, Cebu City to ensure a continuous supply of water to the residents was another accomplishment for MCWD during the year, in terms of distribution improvement.

To ensure that water still flows in every household even during power outages and calamities, MCWD set up a P5-million centralized generator set in Casili reservoir in Consolacion. The genset minimizes service interruptions as this will provide power to the eight wells in the wellfield.

MCWD is a growing family. With the completion of the pipelines expansion projects in Barangays Inayawan, Kinasang-an and Basak-San Nicolas, under the pro-poor Water Supply (WatSup) Project Cebu of MCWD in cooperation with its partner Vitens Evides International (VEI), over 3,000 households can now have water service connections from MCWD. VEI is the corporate social responsibility company formed from the four biggest water companies in the Netherlands. The other partners of WatSup, which is aimed to deliver water to the poorest of the poor in Metro

Cebu, are Eau et Vie (E&V) Tubig Pag-asa, the Netherlands Red Cross and the Cebu City Government.

## CUSTOMER SATISFACTION

We value our customers. We are serious when it comes to their satisfaction.

Thus, MCWD launched the Internet Protocol Telephony system aimed to bring convenience to our valued customers. It is the first for MCWD to have this kind of system that enables to receive more incoming calls from customers, who have inquiries on different concerns including advisories on scheduled and emergency water service interruptions. The Text Blast was likewise introduced to update MCWD employees on scheduled and emergency interruptions, which will eventually include customers.

We looked for ways to improve our systems. We were delighted to announce that MCWD customers who are Visa credit cardholders may pay their water bills through online banking, whether they are in the Philippines or abroad. This system was realized in partnership with the Development Bank of the Philippines.

Furthermore, the water service connection seminar for new applicants was stopped, and was replaced with a more personalized customer service – a one-on-one interview. This, we believed is suitable to the different needs of the residential and commercial applicants.

Also, we have accepted accredited plumbers to install service connections of new applicants in accordance with MCWD standards and at a regulated cost to protect the interest of our customers.

MCWD also continue its efforts to reach out to and educate communities especially the children and the youth to develop them into water warriors. More than 600 elementary pupils benefited in the handwashing activities that MCWD conducted in which some of these were in partnership with youth groups from different universities in Cebu City and VEI.

We are still striving for excellence in our work, systems and processes to meet our mandate to provide adequate, safe, potable and affordable water and an effective sewerage system for Metro Cebu. We look forward to building stronger ties within the water district and with our partners and stakeholders to give a better and quality service to our customers.

**ENGR. NOEL R. DALENA**

**(JANUARY)**

## **MCWD welcomes new chairman, member to Board of Directors**



**NEWLY APPOINTED MEMBERS OF THE MCWD BOARD.** Joel Mari Yu (left) as the Chairman of the Board and Atty. Ralph Sevilla as member.

The Metropolitan Cebu Water District (MCWD) starts 2017 with a new chairman of the Board of Directors (BOD) in the person of Joel Mari S. Yu.

Former BOD Chairman Renato E. Mercado now serves as vice chairman

Meanwhile, MCWD's new BOD member is Atty. Ralph J. Sevilla representing the Civic Sector.

Yu, Mercado, Sevilla together with Jose Maria Eugenio V. Elizalde and Procopio E. Fernandez complete the five-member MCWD Board of Directors.

Director Yu is already a familiar face to MCWD since he served as BOD member on February 22, 2008 to December 31, 2012 as replacement to Atty. Adelino Sitoy as representative of the Professional Sector.

He is back again at MCWD for another six years as he is appointed to serve from January 1, 2017 to December 31, 2022 representing the Education Sector.

He replaced former BOD Director Juan Saul Montecillo, whose six-year term ended in December 2016.

Director Yu is currently the company president of Consulting + Networking, Inc. in Cebu City and also a member of the BOD in one of the biggest domestic software firms in the Philippines, the Alliance Software Corporation.

He was managing director of Cebu Investment Promotions Center for 20 years.

Atty. Sevilla is the newly-elected BOD Secretary.



He replaced Atty. Manuel Legaspi whose term also ended in December 2016.

A resident of Inayawan, Cebu City, Atty. Sevilla is a B.S. Customs Administration graduate from the University of Cebu.

He studied Bachelor of Laws in the University of San Carlos and passed the bar exams in 1993.

His work experiences include being an Administrative Officer of the Sangguniang Panlungsod of Cebu City, Legal Officer in the Cebu City Attorney's Office, Department Head of the Human Relation Development Office of the Cebu City Government and senate consultant of Senator Sergio "Serge" Osmeña III from 1998 to 2007, among others.

## **VEI donates to MCWD leak detection equipment worth P500T**



**MORE EQUIPMENT ARRIVE.** Patrick Egan (center, holding paper) of Vitens Evides International (VEI) together with PMG personnel check the newly-arrived leak detection equipment. (photo by Cesar G. Pelarca)

The Metropolitan Cebu Water District recently received leak detection equipment worth P500,000 from Vitens Evides International (VEI).

The equipment is composed of four ground microphones to locate leaks, three metal detectors to find buried valves and two plastic and metal pipe locators to trace the route of the water pipes. There are also three laptop computers that the leak detection team can use to access GIS and other data in the field.

"The equipment will support MCWD's successful initiative to reduce non-revenue water, and supplement their leak detection teams' capability in proactive leak detection," Patrick Egan,

manager of Vitens Evides International's pro-poor project in Cebu.

Repairing leaks not only allows more water to reach customers, it also allows more savings for the water district which can be used to invest in new infrastructure projects. It also reduces the risk of water contamination.

The equipment is part of the P376-million pro-poor water supply project of MCWD and VEI.

VEI is the corporate social responsibility company formed from the four biggest water companies in the Netherlands.

The other partners of the project, which is aimed to deliver water to the poorest of the poor in Metro Cebu, are Eau et Vie (E&V) Tubig Pag-asa, the Netherlands Red Cross and the Cebu City Government.

The Netherlands Enterprise Agency (RVO), through its Sustainable Water Fund (FDW), is funding 55% (P208 million) of the \$8 million (P376 million) 5-year private-public partnership water supply project that will hugely benefit the lives of 80,000 people in Metro Cebu.

Aside from the P208 million FDW grant, MCWD will contribute more than P112 million while VEI will give P38.5 million as counterpart.

## **42nd Anniversary Program, 90 employees to be honored**

The Metropolitan Cebu Water District (MCWD) will turn 42 years old this February 1, 2017.

To mark its founding anniversary, a program will be held in advance on January 31 from 2pm to 5pm at the MCWD Social Hall.

The highlight of the program is the honoring of employees who have been part of the success that MCWD has achieved over the years.

The service awardees, who will each receive a plaque

## **GM Dalena's anniversary message**

Magsaulog na sab kita sa ika 42 ka tuig nga kasumaran sa pagkamugna sa Metropolitan Cebu Water District.

Dako ang akong pasalamat nga sa mga nanglabay'ng mga tuig, bisan sa ka daghan sa atong mga giatubang nga mga challenges, hugot gihapon atong pagsalig nga makalampos ta ug padayon nga molambo.

I hope that this year and in the coming years, we continue to give a better service, not only to our consumers but also to all the people of Metro Cebu.

Ipadayon nato atong mga pagpaningkamot nga mahatagan og tubig 24/7 ang atong mga konsumidor ilabina ang naa sa mga thirsty areas.

Akong ipaabot sa tanan ang akong mainiton nga pakigsaulog sa atong 42<sup>nd</sup> nga anniversary!

Happy birthday to my MCWD family!

## **PDD upgrades technology capability**

To monitor the volume and pressure of a bulk supply in real-time, Production and Distribution Department (PDD) engineers will now use iPads and get data even while they are on fieldwork.

In a memorandum to PDD Department Manager Edgar Ortega dated Jan. 13, Project Management Office Officer-in-Charge Alan Chu said the turned over six iPad units will be used for data monitoring of the injection points in Compostela, Liloan and Consolacion as provided in the bulk supply contract with Cebu Manila Water Development (CMWD) Inc.

The CMWD Bulk Supply Project, which involves a 35,000 cubic meters per day additional supply to MCWD, is closely monitored by PDD, said Ortega.

Monitoring the volume and pressure is necessary to ensure CMWD is complying with the contract although a monthly report is still required from them as basis for the payment, said Production Division Manager Rebecca Husayan.

At present, MCWD is getting real-time data or information every three hours from CMWD's automated reporting.

The iPads, which are owned by CMWD, can be used to access data remotely but any computer with internet access can also get the data, Husayan added.

The project also includes three reservoirs – two with a capacity of 2,000 cu.m. and one with a capacity of 1,000 cu.m. – are still to be commissioned, Ortega said.

**(FEBRUARY)**

## **Talisay residents to get additional water supply**



**NEW WELL.** The newly-drilled well is undergoing a pump test to address turbidity. ( photo by Cesar Pelarca)

MCWD's Environment and Water Resources Department (EWRD) drilled a new well inside the vicinity of the subdivision, Alpha Executive Homes, which is expected to yield 480 cubic meters of potable water a day to augment the water supply in Lawaan, Talisay City.

The well will serve around 80 households in the subdivision, which needs 64 cu.m. per day for their daily use.

The well is among the in-house wells MCWD will tap to address the supply shortage in south Metro Cebu.

This additional supply will likewise benefit the residents outside the subdivision as the excess will be distributed to them.

According to Service Connection Installation Department OIC Manager John Neville Macabinta, Alpha Executive Homes turned over its water system to MCWD sometime in 2010 after which, the homeowners applied for individual water service connections.

At present, the subdivision's water supply comes from its own well, which only yields three cu.m per hour per day.

At this stage, EWRD personnel are still doing some pumping tests to address the turbidity issue. The work is expected to be completed this month.

## MCWD's partner youth group receives national recognition (w/pic)



AWARD. Cebu Institute of Technology's Industrial Engineering Council receives the Coca-Cola Barkada Water Stewardship Award in the recent 14<sup>th</sup> Ten Accomplished Youth Awards. (contributed photo)

Metropolitan Cebu Water District's (MCWD) advocacies for the youth and children won for its partner organization a national award for water stewardship.

The Coca-Cola Barkada Water Stewardship Award was received by the Industrial Engineering Council from the Cebu Institute of Technology (CIT), which has been MCWD's main partner for its sanitation, hygiene and water conservation programs since 2015.

The award was given during the annual 14th Ten Accomplished Youth (TAYO) Awards in Pasay City last week.

The annual search for exemplary youth organizations that strive to contribute to nation building is supported by the National Youth Commission, the TAYO Foundation, the offices of Senators Bam Aquino and Francis "Kiko" Pangilinan, and Coca-Cola.

MCWD partnered with CIT's IE Council since they had a group of students who developed a mobile application called Water Warrior, which encouraged children to save water by catching rainwater and repairing leaks through a game.

From then, the partnership grew to community outreach activities, like hand washing sessions in several schools, the Read-Along Activity with children of MCWD employees and the Youth Forum, which was aimed at raising water warriors among college student leaders.

“MCWD is very proud of this recognition since it gives so much more meaning to our campaigns. It means we’re doing something good for our communities,” said Community Relations and External Affairs Department Manager Charmaine Rodriguez-Kara.

CIT IE’s Project AQUARIA, which stands for Abiding Quality Aquatic Responsibility through Innovation and Awareness, won because of the series of activities with MCWD.

Erlyn Rago, CIT IE president, acknowledged MCWD’s role in accepting the award.

Cecile Alcantara, Coca-Cola Philippines Foundation president, said the company gives the Coke Barkada Water Stewardship Award to organizations who share the thrust of Coca-Cola Philippines for the responsible and sustainable use of water resources, according to [wethepvblic.com](http://wethepvblic.com).

### **Be more aggressive in 2017, Chairman Yu declares**



Chairman Joel Mari Yu speaks during the 42nd Anniversary celebration (photo by Cesar Pelarca)

Metropolitan Cebu Water District’s (MCWD) Chairman of the Board of Directors Joel Mari Yu said that Cebu is facing great challenges and the water district needs to be more aggressive in meeting those challenges.

“We need to be more aggressive as it is expected that additional water is needed in the next 10 years,” he said.

This was his message during Metropolitan Cebu Water District’s (MCWD) 42<sup>nd</sup> anniversary celebration on January 31 at the MCWD Social Hall.

He expressed that he was proud of being back at MCWD knowing the level of competence of the people of the water district.

Meanwhile, in his speech, Acting General Manager Noel Dalena likewise asserted it is everyone’s role to let people be aware on the importance of how to use and conserve water. He encouraged everyone present during the celebration to make a self-evaluation if each has given his/her best work performance for MCWD.

The event was highlighted with the honouring of service awardees, who each received a plaque of recognition. Some employees also received special awards in appreciation to their valuable contribution to MCWD.

Vice Chairman Renato Mercado, Director Procopio Fernandez, Director Ralph Sevilla and outgoing director Juan Saul Montecillo also graced the affair together with guests from MCWD's project partner, Vitens Evides International.

## **F.F. Cruz and Co. is MCWD's top consumer**

Metropolitan Cebu Water District's (MCWD) key account, F.F. Cruz and Co. consumed 41,609 cubic meters of water in January 2017 making it as the water district's number one consumer.

The developer, which owns properties in the New Mandaue City's North Reclamation Area, has been consistently making it to the top of the list of all consumers of MCWD in the past years based on the Key Accounts Quarterly Report.

MCWD's records showed the company pays its water bills on time thereby enjoying a 25% discount on its water fee.

Any consumer who pays on or before the due date of its water bill can get a discount based on MCWD's Tiered Discount Scheme if the consumer's consumption reaches a minimum of 51 cu.m and up per month.

MCWD's Key Accounts Unit regularly monitors the consumption of key accounts.

In January, the following were the top 10 consumers:

1. F.F. Cruz and Co.—Mandaue City—41,609 cu.m.
2. Cebu Light Industrial Park—Lapu-Lapu City— 22,297 cu.m.
3. Ayala Center Cebu—Cebu City –21,223 cu.m.
4. Fairchild Semi-conductor Phils.—MEZ-1— 14,642 cu.m.
5. SM City Cebu—Cebu City—13,931 cu.m.
6. University of San Carlos—Cebu City—12, 253 cu.m.
7. Robinsons Land Corp. (Robinsons Galleria) - Cebu City -10,694 cu.m.
8. Plantation bay Resort & Spa – Lapu-Lapu City—10,007 cu.m.
9. Everjust Realty Dev't. Corp. (JCentre Mall) - Mandaue City – 9,996 cu.m.
10. Philippine Spring Water Resources Inc.—Mandaue City— 8,908 cu.m.



## **New genset to minimize service interruption during brownouts, calamities**



**FOR BETER SERVICE.** Jerry Verez of General Services Dept. (in sweat shirt) and Engr. Mark Jorge Ruiz (partly hidden) of Maintenance Support Services Dept. check the newly-installed generator set in the Casili reservoir in Consolacion.

Photo by Cesar Pelarca

To ensure a steady supply of water even during brownout or calamities, the Metropolitan Cebu Water District (MCWD) installed a P5-million centralized generator set in its Casili reservoir in Consolacion.

The genset can supply power to the eight wells in MCWD wellfield in Consolacion during power interruptions.

Rebecca Husayan, head of the water district's Production Division, explained that MCWD has a power line for all the eight pumps connected to a VECO post. In case the Visayan Electric Co. (VECO) needs to cut its power supply, MCWD can run its generator to energize the pumps and prevent water service interruptions.

However, if VECO's personnel will have to do some repairs on their power line, the genset could not be used as it will be risky for the repair men considering that the MCWD's line is attached to VECO's post and the two lines are very close to each other.

The eight wells produce water to fill one of the two 5,000-cubic meter capacity reservoirs in Casili.

The reservoirs supply water to at least 10,000 households in the cities of Mandaue, Lapu-Lapu and part of Cebu City.

The first exercise loading for the genset was done on Sunday, Feb. 5 and this will be done every quarter as part of the water district's disaster preparedness. This was done simultaneously

with the preventive maintenance of the two reservoirs to minimize the impact of the two activities on the water supply of the consumers.

## **One-on-one interview na alang sa mga new commercial accounts**

Ang mga commercial establishments, subdivisions, condominiums , kompaniya, eskwelahan ug uban pa nga susama niini og klasipikasyon nga mo-apply og bag-o nga water service connection, dili na magkinahanglan nga motambong sa orientation seminar.

Sa bag-o nga pamaagi karon, ang Metropolitan Cebu Water District (MCWD) pinaagi sa Marketing Sales Team nga gipangulohan ni Service Connection Installation Department (SCID) OIC Manager John Neville Macabinta mao nay mopahigayon og interbyo sa aplikante sigun sa klasipikasyon o gi-aplayan nga koneksyon.

Sr. Corporate Planning Analyst Engr. Mia Bato maoy mo one-on-one interview sa mga aplikante sa subdivisions, samtang si Sr. Corporate Accounts Analyst Sieg Sison maoy in-charge sa mga commercial establishments.

Matod ni OIC Macabinta, gi implementar kini nga polisiya sukad pa sa January 2017 aron sa paghaum sa mga panginahanglan sa mga korporasyon ug uban pa. Lahi usab ang ilang mga requirements nga pangayu-on sa MCWD.

Sa mao usab nga paamagi, maka-monitor ang SCID sa mga development projects sa mga commercial consumers.

Sa laing bahin, ang mga aplikante og koneksyon pang-residential o individual, kinahanglan gihapon nga motambong sa orientation seminar nga ipahigayon matag Wednesday ug Saturday.

## **MCWD's Kalunasan reservoir nears completion**



**KALUNASAN MODULAR TANK.** As soon as MCWD's Kalunasan reservoir will be completed residents in the area can enjoy a steady supply of water from the water district. Photo by Cesar Pelarca

The new P16-million modular water tank of the Metropolitan Cebu Water District (MCWD) in Barangay Kalunasan will soon be completed.

The tank is the 11<sup>th</sup> reservoir of the water district and the third of its kind that MCWD built. The first is in BC Homes in Lahug and the second is at the entrance of Monterrazas de Cebu in Guadalupe.

These reservoirs use state-of-art technology called glass fused to steel.

The 1,000-cubic meter capacity reservoir in Kalunasan is targeted to be completed on March 15.

The construction, which is undertaken by Houston Hydrotech Products and Systems Inc., started on June 23 last year and was supposed to be completed last Feb. 17.

But because of the bad weather that occurred during the construction phase, the contractor asked for an extension up to March 15.

The tank will be used to store water from Oprra 1 Well as well as from other sources.

With Oprra 1 Well and the completion of the reservoir, some 900 consumers of MCWD in the area can enjoy stable supply of water.

MCWD commits to prioritize the residents of the barangay in the supply of water from the well.

MCWD has 118 wells and 10 reservoirs. It targets to increase the number of reservoirs to 20 in different areas in Cebu City, Talisay City and the municipalities of Cordova and Consolacion by 2020.

Reservoirs are used to store water which can be used during peak hours or in times of calamities.

**(MARCH)**

## **MCWD to serve more residents in 2 barangays**



**WATER FOR THE POOR.** Jan Paul van Aken of Netherlands Enterprise Agency checks the water from the distribution line during the turnover ceremony of the expansion project in Villa Pacita, Inayawan. With him are (from left) MCWD Manager Charmaine Kara, DSJP Construction owner Danilo Peñaranda, Suman Chandra Sil from Red Cross, Vitens Evides International project manager Patrick Egan, representatives from Tubig Pag-asa (Eau et Vie), MCWD's Engr. John Paul Delgado and Engr. John Macabinta.

Photo by Cesar Pelarca

Over 500 households will benefit in the recently completed pipelines expansion projects of Metropolitan Cebu Water District (MCWD) and its partners.

This month, the DJSP Construction completed the project worth P4.1 million in Villa Pacita, Lower Torre, Barangay Inayawan and the P4.09 million-worth project in Lower Greyhound, Barangay Kinasang-an, Cebu City that are expected to serve 200 and 309 service connections, respectively.

This development is part of the Water Supply (WatSup) Cebu project of MCWD in cooperation with partners Vitens Evides International (VEI), Netherlands Enterprise Agency, Red Cross Netherlands and Tubig Pag-asa (Eau et Vie Water and Life Philippines).

WatSup Cebu, a P376-million worth project, is expected to improve the lives of 80,000 beneficiaries in MCWD's service area by giving them potable and affordable water supply in five years.

The Netherlands Enterprise Agency poured some P208 million for this project, P112 million from MCWD, P15 million from Red Cross Netherlands and P38.5 million-counterpart from VEI.

VEI Project Manager Patrick Egan, Netherlands Enterprise Agency representative Jan Paul van Aken, Red Cross Netherlands representative Suman Chandra Sil, representatives from Tubig

Pag Asa, DJSP Construction owner Danilo Peñaranda along with MCWD officials witnessed the flushing of the water from the newly-installed distribution line in Brgy. Inayawan during a brief turnover ceremony on March 8.

Freda Amaba, 45, a resident of Sitio Malipayon, Lower Torre for three years and a non-MCWD consumer expressed her joy on this recent development.

“Magpa-connect gyud ko sa MCWD aron ko maka-save,” Amaba said. A sari-sari store owner, Amaba spends P15 per day for water at P3 per pail and P2 per gallon. She said it will be convenient for her and her family once they get connected to MCWD as they will no longer be fetching and buying water from their neighbor.

WatSup Cebu aims to provide affordable and potable water to slum areas not only in Cebu City, but also in Mandaue and Talisay cities.

After the turnover ceremony, Engr. John Paul Delgado of the Corporate Planning (CorPlan) Department led the group to Murillo, Cebu City and Tanke, Talisay City where MCWD and VEI also have ongoing expansion projects. The former is worth P4.1 million and can serve up to 400 households while the latter is worth P4.3 million that can accommodate 350 service connections. Distribution of water in these two barangays will be managed by Tubig Pag-asa, a French government-funded organization. It will also manage the already completed P1.3 million pipeline expansion project in Brgy. Mantuyong, Mandaue City, which can accommodate up to 120 service connections.

In the meantime, Red Cross Netherlands will handle the Water Sanitation and Hygiene, Health Promotion and Disaster Resilience of WatSup Cebu. They will be working in close coordination with the local Red Cross in implementing this program.

## Over 80 kindergarten kids learn handwashing on World Water Day



**HANDWASHING.** Patrick Egan of VEI (center) together with the Tanke Elem. School principal Wee Wyn Elnas (right) joyfully demonstrate to the kinder pupils the proper way of washing their hands while GM Noel Dalena (left) looks on.  
Photo by Cesar Pelarca

To celebrate World Water Day, the Metropolitan Cebu Water District (MCWD) and Vitens Evides International (VEI) held a handwashing activity in Tanke Elementary School in Talisay City on March 22.

More than 100 kindergarten pupils of the school are the recipient of the handwashing activity where they will be taught of the proper way of washing hands to ensure sanitation and cleanliness.

This year's International World Water Day theme is Wastewater.

The United Nations wants to give emphasis on the need to improve water quality and reduce, treat and reuse wastewater.

According to the World Health Organization, globally, the vast majority of all the wastewater from homes, industry and agriculture flows back to nature without being treated or reused, thus, polluting drinking and bathing water sources.

VEI, MCWD, Netherlands Enterprise Agency, Red Cross and Tubig Pag-asa (Eau et Vie) are partners in a pro-poor water supply project called WatSup Cebu.

This project will expand MCWD's network to slum areas and connecting 80,000 people to the supply of safe water and Barangay Tanke is one of the recipients.

The project also provides 27 generator sets at MCWD's wellfields so that there is continuity of supply even during electrical outages and typhoons.

VEI is a corporate social responsibility firm of six big water companies in the Netherlands that supports water companies in developing countries by improving business processes in a

sustainable way.

As its way of helping prevent pollution of water sources, MCWD intends to put up a septage treatment plant (STP) that will cater to its consumers in the cities of Mandaue, Cebu and Lapu-Lapu.

The project is in compliance with the Clean Water Act of 2004 which requires all local government units and water districts to implement septage management programs.

MCWD will desludge, treat and properly dispose of septage waste in order to protect the water source from getting contaminated.

The water district started operating in August 2016 its septage treatment plant in Cordova that caters to its consumer in Cordova and Lapu-Lapu City.

Septic tanks in the country are usually open bottom and septage will seep into the aquifer if these are not desludged regularly.

Ideally, septic tanks must be emptied every three to five years. Today, there are private desludgers operating in Cebu. However, the disposal of the wastes is questionable as there are no septage treatment facilities in Cebu except for the STP operated by MCWD and its contactor, Envirokonsult Equipment Services Inc.

## **SCADA BRIEFING**



Gipasabot ni Distribution Division OIC-Manager Michael Diola ang mga personnel sa MCWD One-Stop Shop og Call Center sa Supervisory Control and Data Acquisition (SCADA) System sa MCWD. Dako kaayo og tabang ang information gikan sa SCADA System sa pag-responde sa mga pagputana og reklamo sa mga konsumidor.



## **WOMEN'S DAY.**



Ang South Town Centre Mall sa Talisay City, usa sa mga Key Accounts sa MCWD, nisaalog sa Women's Day pinaagi sa Women Empowerment Conversation. Apil sa mga speakers si MCWD CREAD Manager Charmaine Rodriguez-Kara (rightmost). Ang uban nga speakers sila Rio Olympics Marathon runner Mary Joy Tabal, Miss Cebu 2016 Gabriele Raine Baljak, Miss South Town Centre 2016 Kate Rollins og Engr. Cindylyn Pepito sa Environmental Management Bureau 7.

## **GIVEAWAYS.**



Service Connection Installation Department personnel were happy to receive the umbrellas distributed Human Resources Department as corporate giveaways for employees.



## 27 areas now considered “suspended” by MCWD



**SPEAKER.** AGM Raul Tabasa (center) respond to the queries from the audience during the open forum. With him were (from left) PIA 7 Director Fayette Riñen, AGM Jorge Gabriente, DM Charmaine R. Kara, Alfredo Quiblat of Pag-asa, and Hazel Gloria of PIA 7.

Photo by Cesar Pelarca

To protect its existing consumers and so as not to give false hopes to those who want to have new water service connections, the Metropolitan Cebu Water District (MCWD) has identified 27 areas in Metro Cebu where the installation of new service connections is suspended.

MCWD Community Relations and External Affairs Department Manager Charmaine Kara revealed this during the Association of Government Information Officers (AGIO) forum held at MCWD Social Hall recently.

Suspending the installation of new water service connections will protect existing consumers because the available water will not be shared with the new connections.

Also, allowing additional connections even with the scarcity of supply would give the new consumers false hopes that they will have a steady supply of water.

But Atty. Jorge Gabriente, acting assistant general manager for operations, assured the public, especially the affected residents, that the suspension of the installation of new water connections in these 27 areas is temporary.

These areas include Kasambagan, Lagtang and Lagtang road in Talisay City.

In Cebu City, these are East Capitol Site, entire Lahug, entire Apas, Banawa, Minoza Road (from San Jose up to Pit-os Talamban), upper Kamputhaw, Maria Luisa Village, Sitio Bas in Banilad and Barangay Guadalupe.

In Lapu-Lapu City, the affected areas are Punta Engaño, Maribago and Marigondon while in Cordova, areas included are Barangays Gabi, Poblacion, Babag 1 and 2, Calawisan, Agusan, Suba Basbas, Suba Panas, Pilipog, Day-as, Buagsong, Catarman, Ibabao and Alegria.

In Liloan, Barangays Tagaytay and Calero are also affected.

Engr. Raul Tabasa, acting assistant general manager for technical services, on the other hand, said MCWD continues to find ways to have additional sources of water.

He announced that within the year, there will be an additional 10,000 cubic meters of water a day from three new sources. These are the 5,000 cubic meters of bulk water supply from Pilipinas Water Resources Inc. (PWRI), 3,000 cubic meters from a desalination plant in Lapu-Lapu City and 2,000 cubic meters from three wells being developed by MCWD.

The water district is asking the public to conserve water especially that summer is almost here.

Pag-asa's senior meteorologist Al Quiblat who also attended the forum announced that they may declare the start of summer at the end of March or first week of April.

He added the possibility of having an El Niño phenomenon this year is high and may start in September.

**(APRIL)**

## **MCWD celebrates Earth Day with youth leaders**



**EDUCATING THE YOUTH.** Eco-tour participants take a pose together with MCWD's Community Relations and External Affairs Department manager Charmaine R. Kara and former Cebu City councilor Nestor Archival (11th and 12th from left, respectively), after going around the 7,000 sq.m. facility.

Photo by Cesar Pelarca

Children of the employees of Metropolitan Cebu Water District (MCWD) and youth leaders from different schools that are members of the UNESCO Clubs in Cebu participated in an eco-tour on April 25 organized by the Metropolitan Cebu Water District (MCWD) as part of the Earth Day celebration.

There were 35 participants, 19 MCWD employees' children and 16 youth leaders. First stop was the Septage Treatment Plant in Barangay San Miguel, Cordova.

There, they were briefed of the importance of septage management in order to keep the environment and water sources clean and the process of treating wastes from septic tanks in MCWD's facility by Rebecca Husayan.

They also had a short activity that taught them the importance of water and the things that they can do at home to save water.

From the treatment plant, the participants proceeded to the Archival Ecohouse in Talamban.

Former Cebu City Councilor and environmentalist Nestor Archival, who owns the place, led the participants in going around the 7,000-square-meter property.

First stop was the solar panel system which produces about 10,000 kilowatts of power everyday. Archival said he used to pay Veco P25,000 a month for their power consumption. But now that he is using solar panels, he does not spend a single cent and he shares the energy he generates to his less privileged neighbours.

Archival also brought the participants to his aquaponics garden, a combination of soil-less planting and fish-raising. He waters the plants using water with fish waste and the plants filter the water giving the fish clean and safe place to live.

Archival also keeps goats in his compound and he feeds them using vegetable wastes from the market. The wastes of the goats are collected and kept in a septic tank. Together with human wastes, the waste materials are processed to become fuel which is used in cooking.

All over the place are recycled planters from soda cups, bottles and detergent containers.

The property also houses a brick making facility. Non-biodegradable wastes are collected and shredded.

Mixed with cement and using a special machine, the mixture produces solid bricks.

Archival also practices vermi composting where biodegradable materials like fruits and vegetables are shredded and mixed with saw dust and manure and placed in worm beds.

Archival also teaches wood work for free. He collects scrap wood and these are made into

benches, trays, tables and other wood furniture.

The Ecohouse also has crocodiles, fishes, birds and a Burmese python.

After the tour, kids were asked of what they learned from the activity and those who first gave their answer were given prizes. Those who also won in the activities at the STP were given prizes.

Each participant got a certificate of participation and an MCWD face towel.

## **Septage Management ordinance para sa Compostela giduso na**



**UPDATE.** Si Rebecca Husayan (standing near screen), officer-in-charge sa MCWD Septage Management Program (SMP), ni-update sa Municipal Council sa Compostela bahin sa SMP sa MCWD.

Photo by Charmaine Kara

SUGDAN na pag-draft sa Municipal Council sa Compostela ang Septage Management Program (SMP) ordinance karong buwana.

Kini ang pasalig sa konseho ngadto sa mga representante sa MCWD atol sa presentation niadtong April 10. Si Rebecca Husayan, officer-in-charge sa SMP sa MCWD, maoy ni-update sa konseho bahin sa SMP.

Matud ni Compostela Vice Mayor Josephine Abing nga igo ra nilang sigurohon nga maka-benepisyo gyud ang mga taga-Compostela sa maong ordinance.

Nipasalig ang MCWD, pinaagi ni Husayan, Engr. Emmanuel Espina og si CREAD Manager Charmaine Kara, nga motabang sa pag-panday sa maong ordinance sa mandatory desludging.

Atol sa discussion, niingon si Councilor Joven Amor nga 20 percent ra sa mga taga-Compostela

ang customer sa MCWD. Nangutana siya kung unsaon pagbayad sa mga dili customer sa MCWD.

Matud ni Espina nga pwede kausahon og bayad sa mga dili customer sa MCWD ang desludging fee nga mas menos kaysa sa gikolekta sa mga private desludgers.

Kung mapasar ang maong ordinance, kumpleto na ang walo ka Local Government Units (LGUs) nga sakop sa service area sa MCWD nga dunay SMP ordinance.

Naningkamot ang MCWD nga dunay mandatory desludging ang tanan LGUs aron magmalamposon ang SMP.

Apil sa Mission Vision sa MCWD nga maka-provide og effective sewerage system para sa Metro Cebu.

Ang SMP mao ang regular nga paghabwa sa mga septic tank sa mga customer sa MCWD og sa pag-treat sa septic waste aron matarong og luwas ang disposal sa wastewater og sa biosolids balik ngadto sa environment.

Nagsugod og operate ang Septage Treatment Plant sa MCWD sa San Miguel, Cordova niadtong August 2016.

Ang Cordova maoy una nipasar sa SMP ordinance niadtong 2011. Gisundan kini sa Cebu City og Liloan niadtong 2014, Lapu-Lapu City sa 2015, og sa Mandaue City, Talisay City og Consolacion sa 2016.

## **Cordova gets 1<sup>st</sup> MCWD Medal for Excellence**



**AWARDEE.** Arvin Agustin Vaflor (second from left), the first recipient of MCWD Medal for Excellence award. With him (from left) Cordova Mayor Mary Therese Sitoy-Cho, Edna A. Inocando and his grandmother





**The MCWD Medal for Excellence** given to the student.

AN outstanding Grade 10 student of the Cordova National High School was the first recipient of the Metropolitan Cebu Water District Medal for Excellence which was given during the school's moving up ceremony on April 7.

Arvin Agustin Vaflor of Grade 10 Wisdom was the only one who finished with high honors and was a recipient of six other special awards for outstanding performance in Media, English, Filipino, Science, Mathematics and Social Sciences.

Vaflor also received a special recognition for winning in the English editorial and feature writing in the division, regional and national levels of schools press conference.

The medal was conferred by Edna Inocando, MCWD Corporate Communication Division manager.

The MCWD Award for Excellence is given to the outstanding graduate with an extraordinary academic performance and is enrolled in a school under MCWD's service area.

"We are giving this award to raise more youth champions for water, sanitation and the environment for Metro Cebu. This is very important in water governance since what we do for water and the environment today strongly impacts the future," said MCWD Acting Manager Noel Dalena.

In an interview, Vaflor was thankful for the recognition. He is happy that his hard work finally paid off.

Vaflor said when he was younger, he did not excel in school because he was more focused on his friends.

But when he was in Grade 5, he realized the importance of education and decided to study hard.

Since then, he was the consistent top 1 in class. He graduated a valedictorian in elementary.

He said he does not own a cellular phone or any gadget that might distract his studies. He also does not play computer games

During his free time, he stays at home and read. This summer, he is working as a call center agent of a company in Cordova. He will take the STEM (science, technology, engineering, math) track in senior high school.

He plans to take up nursing in college and hopes to proceed to medicine after. His grandmother, Leonila Vaflor, admires her grandson for being hardworking and dedicated to his studies. His two younger brothers are also doing good in school.

## **Water supply shortage puts service connection works on hold**

Due to the limited water supply, the Service Connection Installation Department (SCID) will not perform activities temporarily in areas that were declared with inadequate water supply.

For elevated areas in Lahug, Apas, Banawa, Pit-os, Kamputhaw and Guadalupe, the following activities are temporarily stopped, according to a memorandum issued by the office of the OIC-AGM for Finance dated March 31, 2017.

- Installation of new connections
- Transfer of meters
- Assumption or reopening with change name of the registered consumer of water service connection

However, the reopening of the temporarily closed service connections and permanently closed service connections for consumers who decided to have their water service connection reopened will continue.

In areas that are not elevated but are at the tip of the distribution network like parts of Punta Engaño, Lapu-Lapu City and Lagtang, Talisay City, the directive of “no installation of new connections” also applies. Furthermore, activities are limited to the following:

- Assumption of connections
- Transfer of water meter
- Reopening of water service connection

It is only the SCID that can inspect, verify, and give instructions or advice the applicant in relation to the latter’s application, the memo added.

## Kalunasan modular tank nears completion



**NEW MODULAR TANK.** MCWD's Kalunasan modular tank is already completed which means residents in the area can enjoy an improved supply of water from the water district, said Production and Distribution Manager Edgar Ortega.

Photo by Cesar Pelarca

This month, the new P16-million modular water tank of the Metropolitan Cebu Water District (MCWD) in Barangay Kalunasan, Cebu City will start serving its consumers.

The tank is the 11<sup>th</sup> reservoir of the water district and the third of its kind that MCWD built. The first is in BC Homes in Lahug and the second is at the entrance of Monterrazas de Cebu in Guadalupe.

Reservoirs are used to store water which can be used during peak hours or in times of calamities.

The three reservoirs use state-of-the-art technology called glass-fused to steel.

The construction of the 1,000-cubic meter capacity reservoir in Kalunasan, which is undertaken by Houston Hydrotech Products and Systems Inc., started on June 23 last year.

The tank will be used to store water from Oprra 1 well and other sources.

MCWD Production and Distribution Department Manager Edgar Ortega said that with Oprra 1 well and the completion of the reservoir, some 900 consumers of MCWD in the area can enjoy an improved supply of water.

MCWD commits to prioritize the residents of the barangay in the supply of water from the well.

MCWD has 118 wells and 10 reservoirs. It targets to increase the number of reservoirs to 20 in different areas in Cebu City, Talisay City and the municipalities of Cordova and Consolacion by 2020 to improve its distribution capacity.



**(MAY)**

## **MCWD to increase water supply to meet water demand in 2020**



**INCREASE WATER SUPPLY.** Chairman Joel Mari Yu speaks before the members of the European Chamber of Commerce in the Philippines during the Water Challenge Forum recently held in Marco Polo Plaza Hotel. Photo by Cesar Pelarca

The Metropolitan Cebu Water District (MCWD) projects to have 43,000 cubic meters of additional supply from 2018 to 2020 in order to meet the fast growing demand of water in Metro Cebu.

Joel Mari Yu, chairman of the MCWD Board of Directors, who was among the keynote speakers in the forum, said that Cebu is facing an “abnormal growth” in domestic and commercial water demand and one way to address water shortage is through private-public partnership.

He announced that MCWD will be buying water from private suppliers as it cannot cope with the rising demand if it will only rely on in-house production.

But he also warned the public that “adequate water will not be cheap.”

MCWD projected that Metro Cebu’s water demand will grow up to 416,000 cubic meters a day in 2020 and hopes to increase its total production to more than 350,000 cubic meters a day. This means a reduction of the demand and supply difference from 171,000 to 66,000.

Engr. Ronell Magalso of the MCWD Environment and Water Resources Department (EWRD) revealed that there are at least eight sources that MCWD is developing for additional volume of water in the coming years. These include desalination, bulk water projects and rehabilitation of old in-house wells of the water district.

In his presentation before the participants of the Water Challenge forum organized by the

European Chamber of Commerce in the Philippines (ECCP), Magalso said that by the end of 2016, Metro Cebu's water demand has reached more than 385,000 cubic meters a day and MCWD was only able to produce more than 214,000 cubic meters a day or a difference of 171,000 cubic meters a day.

Magalso also stressed that ground water pollution and depleted supply are among the problems that Metro Cebu is facing now.

In MCWD's record, as of March this year, salinity of underground water has already reached Mabolo, Mandaue City, Liloan and Lapu-Lapu City.

These are caused by over extraction of underground water. Magalso said there are thousands of wells in the Metro Cebu but only 120 of these are operated by MCWD. The rest are owned and operated by private firms or individuals.

MCWD monitors and regulates its water extraction to protect the aquifer but most private well owners do not monitor their extraction.

A study conducted in 2010 by the Japan International Cooperation Agency (JICA) revealed that if water extraction levels at present continue, saltwater intrusion is projected to reach inland to as far as foothills of Barangay Talamban in Cebu City in 2030. Because of this study, MCWD, which relies heavily on groundwater, has started its shift to surface water sources.

One of MCWD's major source of water now is Cebu Manila Water Development (CMWD) bulk water supply which gets water from a river in Carmen. The future sources to be developed are mostly desalination plants and bulk water supply from a river in Danao City.

Another problem is the rise in nitrate content in water because of unsanitary disposal of human wastes.

In line with this, MCWD is now promoting the proper desludging of septic tanks to prevent underground water contamination.

MCWD operates a septage treatment facility in Cordova, Cebu.

## Another VEI, MCWD project completed



**PROJECT TURNOVER.** Vitens Evides International (VEI) Project Manager Patrick Egan (2nd from left) poses near one of the stubouts of the Janssen project with MCWD representatives Charmaine R. Kara (left), Rogelio Jumao-as (3rd from left) and Engr. Israel Ortiz (5th from right) of the Service Connection Installation Department.

Photo by Cesar Pelarca

At least 3,000 individuals in Basak San Nicolas, Cebu City will soon enjoy potable and affordable water from the Metropolitan Cebu Water District (MCWD).

This is because the pro-poor water supply project of MCWD and Vitens Evides International (VEI) in Janssen, Basak-San Nicolas was already completed.

The Janssen project, which is undertaken by DJSP Construction, is worth P7.1 million and will be turned over to MCWD today.

The whole pro-poor water supply project of MCWD and VEI, which is called Water Supply Cebu (WatSup Cebu), is worth P376 million. This is a 5-year private-public partnership water supply project that will hugely benefit 80,000 people in Metro Cebu.

WatSup Cebu aims to help MCWD provide water to areas not yet served by the water district.

The Netherlands Enterprise Agency (RVO), through its Sustainable Water Fund (FDW), is funding 55% or P208 million of the project.

Aside from the P208 million FDW grant, MCWD will contribute more than P112 million while VEI will give P38.5 million as counterpart.

Tubig Pag-asa of E & V Water and Life Philippines, a French government-funded organization, will contribute more than P1 million while the Netherlands Red Cross' contribution will be P15 million.

Earlier this year, more than P9 million worth of pipe laying and expansion projects were completed in three areas.

On March 1, the 138 linear-meter pipe laying project worth P1.3 million in Barangay Mantuyong, Mandaue City was completed. It can service up to 120 connections.

A few days later, another expansion project located in Villa Pacita, Lower Torre, Inayawan, Cebu City, was also turned over to MCWD.

The project, which is worth P4.1 million, can serve up to 200 connections or 1,020 individuals.

On the same month, the pipelaying project in Lower Greyhound in Kinasang-an, which is worth P4 million and can serve more than 309 connections was also turned over

MCWD and VEI's pro-poor water supply project will also be serving residents in Murillo, Inayawan and in Tanke, Talisay City.

The Murillo expansion project is worth P4.1 million and can serve up to 400 connections while the project in Tanke is worth P4.3 million and it is targeted to serve 350 connections or 1,785 individuals and these will soon be turned over to the water district.

## **MCWD targets to serve 300 people in medical outreach**

To promote sanitation and hygiene, the Metropolitan Cebu Water District (MCWD), in partnership with various government and private agencies, will be holding a medical outreach program that will cater to seven barangays in Lapu-Lapu City and Cordova.

The activity, which will be on June 16 from 8 a.m. to 12 noon, is part of the information and education campaign of MCWD on sanitation and hygiene in relation to the water district's operation of a septage treatment plant in San Miguel, Cordova.

According to Rebecca Husayan of MCWD who heads the operation of the STP, they are expecting around 300 participants from barangays Babag 1 and 2, Canjulao, and Calawisan of Lapu-Lapu City as well as from barangays Pilipog, San Miguel, and Ibabao in Cordova.

MCWD's partners are the Philippine Association of Medical Technologists (PAMET) Cebu, the Armed Forces of the Philippines (AFP), Department of Health (DOH) 7 and the Mother of Perpetual Help Parish in Babag, Lapu-Lapu City, which will be the venue for the activity.

PAMET will give free laboratory services like cholesterol test, complete blood count (CBC), urinalysis, and blood typing while the AFP and DOH will give free dental services.

MCWD will hold talks on proper handwashing and the importance of regular desludging of septic tanks.

Husayan hopes that this will just be a start of a series of medical outreach activities of the water district.

## Better way to reach goal: theme for teambuilding



**BRAINSTORM.** The Blue Team huddles and plans what would be their team banner's design and what it signifies. Strategy, perseverance and time management is applied in this activity (right photo).  
Photo by HRD

To promote teamwork in achieving goals, the Metropolitan Cebu Water District (MCWD) management recently attended the 2017 teambuilding in Santiago Bay Beach Resort in Camotes Island.

The seminar is a yearly activity of MCWD as part of the training program for managers facilitated by the Human Resources Department (HRD) training personnel. The participants were composed of AGMs, department and division managers and OICs.

The objective was for managers to learn, employ different strategies, right planning and execution, become goal-focused, have coordination, teamwork, time management, sensitivity to the members and other work-related values and practices in order to reach MCWD's goal.

HRD Manager Atty. Elson Englis said there's always a better way to reach our goal if we only find ways, have a proper planning and execution.

**(JUNE)**

## **MCWD launches medical outreach activity**



**EXAMINE.** A Medical Technologist-volunteer examines the blood sample for cholesterol screening. MCWD's Division Manager Rebecca Husayan (right), a medical technologist get the results.

Photo by Cesar Pelarca

Some 168 participants availed of the free medical services conducted by the Metropolitan Cebu Water District (MCWD) last June 16 in Our Mother of Perpetual Help Parish (OMHP) grounds, Babag, Lapu-Lapu City. It was the first medical outreach activity ever made by the water district since its creation.

The activity is in partnership with the Philippine Association of Medical Technologists (PAMET)-Cebu Chapter, the Department of Health (DOH) and the Envirokonsult Services, Inc.

This is to promote proper hygiene and sanitation in relation with MCWD's septage management program and the operation of the septage treatment plant in Cordova.

Three barangays of Lapu-Lapu City participated in the medical outreach like Babag 1 & 2, Calawisan, Canjulao and and two from Cordova.

Pinky del Pedro BEC President of OMHP and her husband who availed of the free medical services, said "salamat kaayo ninyo taga MCWD sa paghimo og medical mission dinhi kay libre ra. Daghan baya kaayo ang nanginahanglan og ingon niini. Maayo unta og naa sad sa uban nga barangay."



Prior to the start of medical services, a short video presentation on septage management and treatment was made by DivM Rebecca Husayan. After which, Community Relations and External Affairs Department (CREAD) Manager Charmaine R. Kara demonstrated to children the proper way of handwashing.

PAMET volunteers conducted the free laboratory tests like cholesterol screening, blood typing, urinalysis, complete blood count (CBC) and blood pressure taking while the DOH representatives performed dental services.

The activity started at 8 am and ended at 12 noon.

## MCWD needs renewed sense of urgency



**AN URGENT CALL.** Chairman Joel Mari Yu share his views during the recent management review about the water supply problem the water district is facing. He urged everyone to change the mindsets and respond to the problem with utmost urgency.

Photo by Cesar Pelarca

In the midst of all the challenges that the Metropolitan Cebu Water District (MCWD) is currently facing, Board Chairman Joel Mari Yu said there is a need for everybody to change their mindsets and have a renewed sense of urgency to address what he described as a “perfect storm”.

During the Management Review on June 7, Chairman Yu has raised the question to the managers on how to fulfill the water district’s mandate and deliver water to the end users when the demand continues to go up but the supply is dropping.

He further emphasized the need to have more water, improve distribution, repair dilapidated lines, lay new lines and put up reservoirs.

Because of the economic growth in Cebu, it led to an abnormal growth in the demand for water but MCWD’s ability to extract water from the aquifer is severely limited due to saltwater intrusion and high nitrate content caused by groundwater pollution.

“We need to bring in more water the fastest way,” Chairman Yu said.

The Operational Highlights report of the

Corporate Planning Department revealed MCWD did not reach the targets set for production, water sales, non-revenue water and number of service connections from January to April 2017.

According to CorPlan OIC Engr. John Paul Delgado, in order to attain the Vision 60/80 in 2020, MCWD has to add to the production volume of 47,000 cubic meters per day, cut NRW by 39,000 cu.m. per day and increase sales by 51,400 cu.m. per day.

Distribution Division OIC Michael Diola and Service Connection Installation (SCID) OIC John Neville Macabinta presented short-and long-term solutions to augment the water supply in areas where MCWD has water supply shortage.

## **PDD finds ways to augment water supply**

To cope with the increasing demand for water, the Production and Distribution Department (PDD) is implementing short-and long-term solutions to boost the water supply in the thirsty areas within Metropolitan Cebu Water District's (MCWD) service area.

The table below shows that in Lahug, OPRRA, Guadalupe, Banawa, Mactan, Cordova and Liloan, the demand is great, but there is a deficit in the water supply in these areas.



Area	Actual Demand (cmd)	Actual Supply (cmd)	Shortage (cmd)	Problems	Ongoing projects to address the problems(short-and long-term)
Lahug	12,300	9,500	2,800	Abejo shortage of delivery by 1,700 cmd due to water quality issue	Interconnection of L4 Interconnection of L8 Increase capacity of PBN booster station Increase capacity of TESDA booster station Interconnection of distribution line from Canduman to Talamban Proposed Salinas drilling (2018) Lusaran proposal

OPRRA	1,400	1,000	400	Clavano booster station reduced to 5 hrs. of operation due to unavailability of water	Denitrification of wells For Clavano to operate a minimum of 7 hrs. Proposed Capitol drilling Booster station along Salvador St.
Guadalupe	6,600	5,100	1,500	Intrusion of nitrate at W13 and W13B Elevated	Denitrification of wells Activation of Guadalupe booster along Englis Road
Banawa	5,400	4,200	1,200	Intrusion of nitrate at G5 and G4 Elevated	Denitrification of wells Proposed booster station along Salvador St.

Area	Actual Demand (cmd)	Actual Supply (cmd)	Shortage (cmd)	Problems	Ongoing projects to address the problems(short-and long-term)
Mactan	30,000	25,000	5,000	Inadequate supply	Additional desal water of 5,000 cmd within this year  Increase capacity of Fernan booster station from 5,000 cmd to 48,000 cmd
Cordova	30,000	25,000	5,000	Inadequate supply	Additional desal water  Increase capacity of Fernan booster station from 5,000 cmd to 48,000 cmd
Liloan				Elevated	Installation of booster station  CMWD injection point in Liloan  Interconnection of pipe at Liloan bridge

## **MCWD gets additional supply from new well**

The Metropolitan Cebu Water District (MCWD) will soon commission a new well, which can produce up to 360 cubic meters a day (cmd) in Barangay Tisa, Cebu City.

It is an in-house well called Well T6, which is worth P1.3 million and was recently drilled and tested by the Environment and Water Resources Department (EWRD).

Well T6 is located inside the MCWD Tisa facility and will serve 360 households once this will be commissioned by the Production and Distribution Department (PDD).

Currently, MCWD's water supply in the barangay is 28,000 cmd.

Meanwhile, EWRD has an ongoing well drilling activity in Barangay Tawason, Mandaue City, which is expected to be completed in September this year. Aidfaz Development Corp. turned over its well to MCWD with an agreement that the water produced will be committed to the former's subdivision occupants.

## **MCWD now accepts water service connection applications in Janssen, Basak, Cebu City**

The newly completed pro-poor water supply project of the Metropolitan Cebu Water District (MCWD) and the Vitens Evides International (VEI) in Janssen, Basak, Cebu City is now ready to serve the residents in the area.

In his memorandum to Service Connection Installation Department (SCID), Production and Distribution Department (PDD) Manager Edgar Ortega recommended the acceptance and processing of new water service connection applications in the said area after the conduct of water quality test was made.

The MCWD, VEI Janssen project is worth P7.1 million and can serve more than 3,000 individuals.

**(JULY)**

## **MCWD eyeing for ISO 9001:2015 certification**



**TRAINING.** Members of the ISO Committee and representatives of core processes departments attend the ISO 9001:2015 series of seminars to upgrade them with the latest information in preparation for its implementation. Photo by Cesar Pelarca

The Metropolitan Cebu Water District (MCWD) is keen on getting the International Organization Standard (ISO) 9001:2015 Certification after the expiration of its ISO 9001:2008 Certification in January 2015.

The ISO 9001:2015 is a Quality Management System (QMS) standard that would enable MCWD to provide services that meet customer satisfaction as well as applicable statutory and regulatory requirements.

It will ensure that MCWD's personnel skills and knowledge are consistently upgraded with the latest information and that all have uniform understanding of its QMS for its effective and proper implementation.

MCWD's ISO Committee headed by the lead auditor, Internal Audit Department Manager Elmer de Guzman, is already coordinating with consultants from BCJA Training and Travel Agency Consultancy in the processing of the latest ISO version.

Other members of the ISO Committee include Enrique Reyes (IAD), Garry Tercero (IAD), Eugene Reseloza (IAD), Juanito Ando (GSD), Giovanni Getubig (PMD), John Neville Macabinta (SCID), Pia Barnido (FMD) and Tarleyto Tabinas (MISD).

De Guzman said, "Instead of applying for a corporate-wide certification, we will only focus on the four core processes of MCWD, which are those of the Environment and Water Resources Department (EWRD), Production and Distribution Department (PDD), Maintenance Support

Services Department (MSSD) and Service Connection Installation Department (SCID).”

Representatives from these departments already attended a series of trainings conducted by the consultants. Eight more trainings are expected to be held until August this year to acquaint MCWD on what are the needed requirements to be complied with.

De Guzman said there are a lot of things to be done in terms of conforming to processes based on the ISO standard. He further added that the development of a QMS Complaint and Certifiable to ISO 9001:2015 will greatly enhance the operations of MCWD.

MCWD will apply for the ISO 9001:2015 Certification only after the consultants will certify the readiness of the water district, which could be later part of this year or early part of 2018.

## **Ongoing desiltation works at Jaclupan wellfield, Buhisan Dam**

At the onset of July, “pakyaw workers” have started the first phase of the desiltation activity in Jaclupan water facility and another group of workers bring their tools to do the same work at the Buhisan Dam.

According to Distribution Division OIC Engr. Michael Diola, desilting is necessary to increase the volume of water stored in the sedimentation basin in Jaclupan wellfield.

“The pakyaw workers have to manually cut down thick napier grass, bamboos and mahogany trees growing within the designated areas before they can perform the dry-desiltation of the pond area”, Engr. Diola said.

As of July, 13 wells are operating at the Jaclupan wellfield and contribute 30,000 cubic meters per day to Metropolitan Cebu Water District’s (MCWD) total daily production.

From the wellfield, the water is being fed directly to the households and commercial consumers in Talisay City down to Cebu City.

On the other hand, silt and sand are removed also at the Buhisan Dam yearly and this year, it started in the second week of July.

MCWD gets three percent of its daily water production from the Buhisan Dam. But if not desilted, mud brought by constant rains will limit the volume of water stocked in the dam.

In both water facilities, the desiltation work is expected to be completed in December this year.

## **New commercial applicants welcome specialized application services**

To address the unique needs of commercial account owners in applying for new water service connections, the Metropolitan Cebu Water District (MCWD) provided specialized services for them.

Instead of attending the water service connection seminar, they can inquire directly from personnel in-charge and comply with the requirements.

“MCWD is constantly looking for ways to improve its systems and processes and provide specialized services to our customers,” said Acting General Manager Noel Dalena.

Prior to the change that was implemented last February, new applicants for both residential and commercial accounts need to undergo the seminar held every Wednesday and Saturdays so they could be oriented of their rights and obligations as water consumers, the application process and the corresponding fees and the services of MCWD.

However, MCWD saw that residential and commercial applicants had different needs and concerns and offering a specialized service for the latter was seen to improve the process and the orientation seminar will be designed solely for residential consumers.

Service Connection Installation Department (SCID) Officer-in-Charge John Macabinta said he has received good feedback from commercial applicants regarding the new policy.

This saved them time in processing their application.

“The commercial account applicants have specific and unique needs that the general orientation was not able to capture,” he explained.

Since February, a total of 68 new applicants have availed of the services.

SCID caters to five to eight commercial applications per day.

“Mas maayo, mas dali ug maka-save ko’g time” said by Noel Singko, 44, a representative of MIK Prime, a new applicant.

MCWD will soon introduce a system to make the orientation seminar optional and offer all future applicants more media in getting the needed information to guide them in the process.

## MCWD simplifies service connection application process



**APPLICATION.** An applicant fills out an application form for water service connection.

Photo by Cesar Pelarca

To give residential water service applicants ease in processing applications, the Metropolitan Cebu Water District (MCWD) will now require them only to go straight to the One-Stop Shop at the MCWD Main Building to start the process.

This means new water service applicants will no longer be required to attend the orientation seminar held every Wednesday and Saturday as part of the requirements for application for water service connection starting August 5.

“For years, MCWD provided the additional service of giving a seminar orientation to guide our future consumers on the application process and to inform them of their rights and obligations as water consumers,” said MCWD Acting General Manager Noel Dalena.

But with available technologies that consumers can access now, information given during the seminar orientation will be available through MCWD’s website [www.mcwd.gov.ph](http://www.mcwd.gov.ph) through CDs or email and through a Customer Handbook, said MCWD Customer Services Group Head Ma. Rowan Tenedo.

The information provided will include application and installation policies, meter reading and billing policies, payment and collection policies, disconnection, reconnection and reopening policies and other policies deemed useful by all MCWD consumers.

However, with public service as its priority, MCWD will still give offsite orientation seminars to those who will request for one, like homeowner associations, barangays and other groups of individuals who would like to apply as a group.

MCWD's One-Stop Shop is open from 7:30 a.m. to 5 p.m., Mondays to Fridays, and is located at the ground floor of the main building on Magallanes corner Lapu-Lapu Sts., Cebu City.

Applicants may send representatives to MCWD and secure the application forms and list of requirements. However, all forms related to the application for water service connection need to be signed by the account owner.

Early this year, MCWD also eased the application process for commercial accounts by not requiring their representatives to attend the orientation seminar.

Applicants for commercial accounts need only to meet with MCWD's Marketing personnel at the Service Connection Installation Department, 4<sup>th</sup> floor, MCWD Main Building to inquire about the process.

## **(AUGUST)**

### **Additional bulk water supply from Danao for Cebu north consumers**



**CONSTRUCTION.** Danao City government's representative Engr. Marivic Macapaz shows the design of the infrastructure that is being constructed to MCWD's Project Management Office (PMO) representative Engr. Basilio Sangarios during the latter's site visit.

Photo by Cesar Pelarca

Amid the need to address the growing demand for more water in the northern service area of Metropolitan Cebu Water District (MCWD) and with the goal of getting surface water instead of groundwater, the water district will soon have an additional bulk water supply from Danao City.

According to MCWD Project Management Office's Technical Division Manager Engr. Paciencia Quimson, the Danao City Government already started the construction of its production and supply facility.



“We are monitoring the ongoing works to make sure that conditions and obligations in the contract are followed,” Quimson said.

It was in July 2015 when MCWD entered into a 20-year agreement with the Danao City Government for a water supply project.

Although the construction of the facility is behind schedule, Danao City Administrator Oscar “Boying” Rodriguez assured they will deliver 10,000 cubic meters of water per day for the first two years starting in 2019 and double this to 20,000 cu.m per day on the 3<sup>rd</sup> year up to the 20<sup>th</sup> year as stipulated in the contract.

The water rate is fixed at P19.38 per cu.m.

The LGU will develop the source, which is from the Tangon River in Barangay Sta. Rosa and will likewise lay the pipes from the intake facility in Danao City to the injection point in Barangay Jubay in the municipality of Liloan. MCWD required a high level reservoir storage.

In addition, it has already started the construction of its Water Treatment Plant (WTP) in Barangay Guinacot where the treatment process will take place before the water will be fed to the injection point in Liloan. The WTP has a capacity of 29,000 cu.m of water per day.

This bulk water supply from Danao City is another surface water source of MCWD that will reinforce the 37,000 cu.m of water per day from Cebu Manila Water Development Corp. (CMWD). Its water source also comes from Luyang River in Carmen.

## MCWD completes third modular water tank



**INSPECTION.** Resident engineers of MCWD (from left) Engr. Basilio Sangarios (PMO), Engr. Janilito Borces (PMO), Engr. Clarito Misal (PDD) and Engr. Roy Basar (PMO) and Houston Hydrotech Products and System Inc. General Manager Engr. Delbert Erni conducts final electrical inspection of the modular water tank in Kalunasan, Cebu City.

Photo by Cesar Pelarca

The Metropolitan Cebu Water District's (MCWD) installation of a 1,000 cubic meter-capacity modular water tank in Barangay Kalunasan, Cebu City has been completed this month after a year of construction.

It is the third of its kind that MCWD built apart from those in BC Homes in Lahug with a 500 cu.m.-capacity and the 1,000 cu.m-capacity in Monterazzas de Cebu in Guadalupe, which are both glass-fused steel tanks.

The state-of-the-art water tank worth P16 million will be used to store water from the Oprra Well, which produces 1,200 cu.m of water per day. Production and Distribution Department (PDD) assured this will benefit 1,200 households in Oprra and in Capitol Site.

Personnel from the Project Management Office (PMO) of MCWD made its final power inspection on August 23 in the presence of representatives from PDD and the contractor, Houston Hydrotech Products and System Inc.

Water Quality Division personnel likewise took samples for the water quality test to make sure the water stored in the reservoir is safe for distribution to consumers.

MCWD already has 11 reservoirs including this newly-built tank in Kalunasan that are used for water storage especially during off peak hours to minimize non revenue water. The stored water is released when demand is at its peak to reinforce water supply.

## **Fewer activities in 35 areas with inadequate water supply**

The Production and Distribution Department (PDD) announced that two more barangays in Metropolitan Cebu Water District's (MCWD) service area are now included in the list where activities are temporarily suspended due to inadequate water supply.

There were only 35 barangays that were in the list in May this year. Now, parts of barangays Looc and Umapad in Mandaue City are included as per a memorandum issued by PDD on July 31.

The following are the areas with inadequate supply:

<b>What are allowed:</b>  *temporary disconnection  *reopening of temporary closed service connection (same account)  <b>What are not allowed:</b>  *new service connection installation  *transfer of meter  *assumption of service connection	<b>What are allowed:</b>  *transfer of meter  *reopening of temporary closed service connection (same owner)  *assumption of service connection  <b>What are not allowed:</b>  *new service connection installation  *temporary disconnection
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<p><b>Cebu City</b></p> <p>Banawa (Sitio Kawayan, Damias, Garden Road, Forest Hills)</p> <p>Guadalupe (Sandayong, Guadalajara, Buena Hills)</p> <p>Kamputhaw (Quintolimbo, Purok 8, Care, Mabugnaw)</p> <p>Kalunasan OPRRA</p> <p>Lahug (Sudlon, Maracas, Nivel Hills, Busay, Plaza, Tanguile, PBN Housing, Plazaville, Road to Beverly Hills)</p> <p>Busay (Maracas, Nivel Hills, Sitio Tanguile, PBN Housing, Plazaville)</p> <p>Apas (Sitio Plaza, Sitio Grotto, Back GMA, Sitio Panabang, Sitio Mahayahay, Sitio Sto. Niño)</p> <p>Talamban, San Jose</p> <p><b>Mandaue City</b></p> <p>A.C. Cortes Ave. (from booster station to Mandaue Bridge), Looc</p> <p>U.N. Ave. (from booster station to Fernan Bridge), Umapad</p>	<p><b>Cebu City</b></p> <p>Banawa (Duterte St., Salvador, Happy Valley, Fortich)</p> <p>Guadalupe (Kalunasan, Andres Abellana, Langub, Quijada, Kabajar, Nichols Heights, M. Velez, Englis)</p> <p>Kamputhaw (Juana Osmeña Extn.)</p> <p>Capitol Site (Sitio Ipil-ipil, Sitio Lubi-lubi, Green Valley, Peace Valley, Ponce Compound)</p> <p>Apas (Sitio San Miguel, San Antonio Village 1 &amp; 2)</p> <p>Banilad (Maria Luisa Subdivision)</p> <p>Talamban (Kauswagan, Tigbao)</p> <p>Bacayan</p> <p>Pit-os</p>
<p><b>Lapu-Lapu City</b></p> <p>Punta Engaño</p>	<p><b>Lapu-Lapu City</b></p> <p>Ibabao Babag, Calawisan, Agus</p> <p>Looc, Buyong, Soong, Maribago</p> <p>Marigondon, Suba Basbas</p>

<b>Liloan</b> Tagaytay Calero	<b>Cordova</b> Gabi, Alegria, Poblacion, Catarman Day-as Pilipog
	Talisay City Sitio Kasambagan

## MCWD readies safety plan for SpTP



**MENTORING.** Rebecca Husayan (4<sup>th</sup> from left) of Metropolitan Cebu Water District (MCWD) answers questions from World Health Organization representatives of the Philippines during the presentation of the water district's draft Sanitation Safety Plan, which is risk-based management tool for sanitation systems.

Photo by Cesar Pelarca

The Metropolitan Cebu Water District (MCWD) is finalizing its Sanitation Safety Plan (SSP) in compliance with World Health Organization (WHO) and Department of Health standards for the operation of septage treatment plants (SpTPs).

From the transport of septic waste to its processing and disposal, health experts are now ensuring that risks to the environment and human health are being closely watched and all stakeholders are protected in the sanitation system.

WHO representatives in the Philippines visited MCWD recently for a coaching and mentoring session for the crafting of the SSP, which is a tool to help SpTP operators reduce any health impact and maximize the benefits of healthier communities and safe environment.

MCWD, together with its private partner Envirokonsult Equipment and Services Inc. (EKI), is operating an STP in San Miguel, Cordova, Cebu. It started providing services in August 2016.

The first of its kind in the Visayas, the fully-mechanized SpTP will process, treat and properly dispose of collected septage from Cordova and Lapu-Lapu City, which are part of MCWD's service area.

MCWD, which will receive a grant from the Japan International Cooperation Agency for its septage management program (SMP), will build three more SpTPs to serve its customers in the cities of Talisay, Cebu, Mandaue and the municipalities of Consolacion, Liloan and Compostela.

With the goal of minimizing the pollution of water sources in MCWD's service area, the SMP is backed by enabling mandatory desludging ordinances passed by local city and municipal councils who share the same vision for environmental protection.

WHO in the Philippines' representatives led by Environmental Health Technical Officer Bonifacio Magtibay with his team Engr. Jerome Lim and Engr. Patricia Ann Go were joined by Department of Health Center for Disease Control and Prevention's Sanitary Engr. Sonabel Anarna and guided MCWD and EKI representatives in finalizing the SSP.

MCWD's SMP officer in charge Rebecca Husayan said although 90 percent of the SpTP operations are handled by EKI, MCWD will be at the forefront of ensuring all safety and health standards

## **MCWD inks MOA with CIC, Camp 4, Talisay officials for watershed rehab**



**SIGNING.** MCWD OIC AGM for Operations Gabriente (2<sup>nd</sup> from left) signs the Memorandum of Agreement. Present during the signing were (from left) CIC's Sr. Ma. Elisa B. Barranco, Camp 4

Barangay Captain Saturnino Navecilla, Sr. Marissa dela Torre, Jefferson Benedicto and the witnesses.      **Photo by Cesar Pelarca**

To protect and conserve our water sources, the Metropolitan Cebu Water District (MCWD) signed a Memorandum of Agreement (MOA) with the officials of Colegio dela Inmaculada Concepcion (CIC) Cebu and Camp 4, Talisay City barangay officials for a five-year partnership for the rehabilitation of the watershed in Mananga.

In the tri-partite agreement, MCWD will provide the technical assistance and planting materials, CIC Cebu will provide the financial support while Barangay Camp 4 will adopt about a hectare for the reforestation of riparian zones, road strips and vulnerable patches of land in the Mananga Watershed.

The partnership was achieved through the efforts of Environment Division in line with MCWD's environmental advocacy on Adopt-A-Tree and Adopt-A-Hectare program. The agreement was signed on July 21, 2017 at the CIC Cebu campus.

## **(SEPTEMBER)**

### **3 projects to improve supply in Metro Cebu**

Metropolitan Cebu Water District (MCWD) is expecting an additional 20,000 cubic meters per day to address the supply and demand gap in its service area.

With the additional water, a distribution management plan was also set in place to bring water to "thirsty" areas with the laying of new distribution lines, deployment of booster pumps and improvement of existing ones.

Water from MCWD's Mambaling Bulk Supply Project, which has a production of 5,000 cubic meters (cu. m.) per day, is expected to start flowing before the year ends.

This will benefit customers in central Cebu City which are experiencing low pressure to no water during peak demand hours.

The two other supply projects that were already bid out are the Lawaan Bulk Supply project, which has a production of 10,000 cu. m. per day and the Mactan Bulk Supply project, which has a capacity of 5,000 cu. m. per day, and are expected to bring water to MCWD consumers by next year.

With these three new sources, the water district plans to lay new pipes to bring water to areas

with inadequate supply or set up new booster stations or improve some of its booster pumps to meet the increasing demand for water in different areas in Metro Cebu.

MCWD Acting General Manager Noel Dalena said the three new projects are in addition to the Danao Bulk Supply Project, which is already in the construction phase and will bring in an additional 10,000 cu. m. per day in 2019. The volume will increase to 20,000 cu. m. per day after two years as per MCWD's 20-year contract with Danao City.

"Apart from the ongoing projects, MCWD continues to search for more new sources and will bid these out soon to address the gap between the supply and demand," Dalena added.

Currently, MCWD is serving only 50 percent of the demand in its service area. Other water users have their own groundwater wells or are being served by private water suppliers.

As of this week, MCWD's daily production is at 227,000 cu. m. per day with its surface water sources in Jacupan, Talisay City and Buhisan Dam in Cebu City, giving a normal to above normal production amid the heavy downpours in Metro Cebu the previous weeks.

The two sources have a combined production of about 40,000 cu. m. per day.

With the infusion of additional volume, MCWD's challenge is to manage the distribution to satisfy customers and to maintain or bring down losses or Non-Revenue Water (NRW).

MCWD targets to bring down its NRW to 15 percent by 2020.

The Lawaan Bulk Supply project will increase the volume in south Metro Cebu and the distribution plan will include bringing the existing supply to as far as parts of north Cebu that are experiencing low pressure to no water during peak hours.

The Mactan Bulk Supply project, which will use desalination technology, will increase MCWD's capacity to supply to existing and new customers in Mactan island.

## **MCWD to realign pipelines to support DPWH subway project**

The Metropolitan Cebu Water District (MCWD) responded to the request of the Department of Public Works and Highways (DPWH) to remove and relocate the water pipes while the construction of a subway along N. Bacalso Ave., Cebu City is ongoing.

DPWH requested MCWD for the realignment of the pipelines as these are along the path where the underpass is to be constructed.

MCWD engineering teams conducted field surveys to inspect the pipelines that will be relocated and already presented their pipeline rehabilitation/relocation design to DPWH.



The estimated cost of the project is P11.6 million as this would involve the laying of approximately 488.0 linear meters of a 400-millimeter diameter Ductile Iron transmission line, among others.

The budget is already inclusive of the materials, labor and equipment cost, health and safety cost, price and physical contingencies, bonds and permits.

According to Design Division OIC Richard Misal, the project is now with the Bids and Awards Committee (BAC) for the bidding although other options are being considered that would help expedite the implementation of the project.

Misal said that aside from him, MCWD was represented by OIC-AGM for Pipelines Maintenance Group Ferdinand Nicanor and Engineering Department Manager Raul Tabasa, among others, in the coordination meetings with DPWH headed by Regional Director Ador Canlas.

Misal further said these pipelines have to be safely transferred to prevent any incidents that would cause interruptions of MCWD's water supply.

MCWD's pipelines repair teams headed by Division Manager Rogelio Jumao-as, Jr. are closely working with DPWH to ensure that MCWD's water pipes are in good condition in the ongoing subway construction.

The project starts once a Notice to Proceed is issued to the winning contractor and is expected to be completed within three months per DPWH target.

## **Bag-ong Telephony System sa MCWD**



**DEMO.** Sa demonstration nga gihimo sa Telephony System, si ABS CBN reporter Jude Torres ang mi-testing sa pagtawag sa MCWD trunkline samtang nagtan-aw (gikan sa wala) si 7Core Communications Inc. Managing Director Cloyd Dedicatoria, CREAD Manager Charmaine Kara ug ICTD OIC Rommel Yu..



**SEMINAR.** Aron ma-orient sa telephony system, usa ka seminar ang gipahigayon alang sa tanang secretaries sa MCWD.

Aron makahatag og mas maayong serbisyo sa mga konsumidor, ang Metropolitan Cebu Water District (MCWD) nga gipasiugdahan sa Information and Communications Technology Department (ICTD) ug Community Relations and External Affairs Department (CREAD), nag-install og Internet Protocol Telephony system nga mas paspas ug customer-friendly.

Ang maong system nikabat og P3 milyon nga gi-install sa 7Core Communications Inc., usa ka Cebu-based company.

Gihimo kini nga lakang sa MCWD aron mas daghan ang matubag nga mga incoming telephone calls gikan sa konsumidor.

Si ICTD OIC Rommel Yu mipahibalo nga ang features sa bag-ong Telephony System mao kini:

Digital – internet ang gamit sa system sa pag -store ug pag-generate og data

Interactive Voice Response (IVR) – adunay motubag dayon sa madawat nga tawag sa MCWD trunkline. Sa pagkakaron, lima pa lang ka options ang madungog sa telephony system nga mao  
Press 0 – para sa Operator

Press 1 - kung gusto ang konsumidor nga makahibalo sa scheduled o emergency interruptions

Press 4 – para sa billing inquiry (andama ang consumer code)

Press 5 – new water service application status (andama ang control number nga ihatag sa One-Stop Shop)

Press 9 – kung kahibalo na ang konsumidor sa local number nga iyang tawgan sa MCWD

Gawas niini, pwede sad ang system modawat og video ug audio conferencing.

Reports – mohatag kini og report kung pila ang gitubag, wala natubag ug nabiyaan nga calls nga nisulod sa MCWD

Global System for Mobile communication (GSM) gateway integration – ang GSM gateway usa ka electronic device diin gi-integrate sa MCWD ang iyang data aron ang mga calls nga nadawat gikan sa konsumidor ma-transfer ngadto sa cellphone sa empleyado o opisyal sa MCWD nga maoy gipangita o makatubag sa pangutana sa konsumidor

“Follow me” – tungod sa GSM integration, matawgan gihapon ang empleyado o opisyal sa MCWD bisan wala sila sa iyang work station tungod sa GSM integration diin kung dili matubag ang local number kutob sa ika-unom nga ring, mobalhin kini dayon sa cellphone number sa empleyado o opisyal.

Matod sa 7Core Communications Inc. Managing Director Cloyd Dedicatoria, ang MCWD pa lang ang unang water utility nga adunay sama nga Telephony System sa tibook Pilipinas.

Tungod kay bag-o man kini, mipasiugda og usa ka press conference ang MCWD aron mapaabot sa tanang katawhan labina sa mga konsumidor ang maong development.

## UNESCO Clubs, MCWD receive P50T for water projects



**AWARDING.** UNESCO headmaster Guadalupe Kaiser Bando (center) assisted by former CIT Industrial Engineering Council President Erlyn Ivy Rago and MCWD CREAD Manager Charmaine Kara receive the cash reward from Coca-Cola Foundation Phils. Representatives (in red shirts)

Funds will go to back to schools for sinks, rainwater catchments.

Metropolitan Cebu Water District (MCWD) organized a youth forum participated in by at least 40 youth leaders from different schools that are members of UNESCO Clubs, a Cebu-based youth organization, on Sept. 16 at the MCWD Training Room.

The event was highlighted by the handing over of the Coca-Cola Barkada Water Stewardship Award by officials from Coca-Cola Foundation Philippines who came to Cebu just to bring the P30,000 check reward to Project Aquaria, MCWD's partner in its community-based advocacies, like the Water Caravan which has been promoting water conservation and proper handwashing. MCWD is actively partnering with youth groups to raise a new generation of water warriors and to educate future leaders in its service area on the importance of water, said Community Relations and External Affairs Department Manager Charmaine Kara.

Coca-Cola Foundation Philippines Program Officer for Environment Monica Pacheco handed the P30,000 cash reward to the youth club and this was received by its headmaster, Guadalupe Kaiser Obando assisted by former CIT Industrial Engineering Council President Erlyn Ivy Rago and Kara.

The Plaque for the Coca-Cola Barkada Stewardship Award was already given during the annual 14<sup>th</sup> Ten Accomplished Youth (TAYO) Awards in Pasay City in February this year, where Project Aquaria also received a P20,000-cash prize as a finalist.

"We will give back the P50,000 to the communities by donating sinks and rainwater catchments," said Rago during the forum participated in by groups from the Cebu Institute and Technology Engineering Council, University of San Carlos Philippine Junior Jaycees, Cebu Normal University and Youth for a Better Talisay.

As in the previous forum, Kara presented the current water supply situation in Metro Cebu and the challenges that MCWD is facing in the delivery of its water service.

During her talk, she challenged the youth leaders to do their share in protecting water sources, increasing Metro Cebu's water supply and to continue to be active stakeholders in its conservation as they become the next generation of sectoral leaders and policymakers.

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MCWD's Charmaine Rodriguez-Kara and Engr. Michael Diola meet with officials of Visayan Electric Co., National Grid Corp. of the Philippines and Cebu City Hall to address the effects of rotating power outages to the water supply. After the meeting, the MCWD Board of Directors passed a resolution asking Veco to exempt MCWD wells from rotating outages so as not to inconvenience water consumers from emergency supply interruptions. Veco is yet to act on MCWD's request.

## **(OCTOBER)**

### **MCWD gisugdan na ang pagpahibaw bahin sa Septage Management Program sa Talisay**



**SEMINAR.** Mga Barangay Health Workers sa Talisay City naminaw kang Dr. Anabelle Laranjo nga naghigot bahin sa mga sakit nga dala sa tubig atol sa usa ka seminar nga gipahigayon sa Metropolitan Cebu Water District (MCWD) ug Cebu Medical Society Inc. sa Poblacion Barangay Hall.

Photo by Cesar Pelarca

Gisugdan na sa MCWD ang pagpahibaw sa mga taga Talisay City bahin sa Septage Management Program (SMP).

Ubos sa Clean Water Act of 2004, ang MCWD og ang mga local governments kinahanglan mo-implement sa SMP aron siguradohon nga limpyo og luwas ang mga tinubdan sa tubig og magprotekahan ang panglawas sa mga tawo.

Ang Talisay City usa sa pito ka local government ubos sa service area sa MCWD nga nipasar na og mandatory desludging ordinance.

Pasabot niini, duna na'y balaud nga nagmando sa tanan lumolupyo sa pagpahabwa sa ilang mga septic tank og pagsubay sa sakto nga disenyo sa septic tanks.

Uban sa mga doctor sa Cebu Medical Society (CMS) Inc., nga gipangulohan ni Dr. Bernardita Sarcauga-Chua, ang MCWD nipahigayon og seminar mahitungod sa SMP og sa mga sakit nga dala sa tubig.

Dul-an sa 70 ka barangay health workers sa Talisay City ang nitambong sa seminar sa Poblacion Barangay Hall sa imbitasyon sa MCWD og CMS sa tabang pud ni Talisay City Councilor Richard Francis Aznar, chairman of the Committee on Health, nga nalipay sa maong kampanya.

Si MCWD Community Relations and External Affairs Department Manager Charmaine Rodriguez-Kara nipahibawo sa mga BHWs sa Talisay sa benepisyo nga makuha sa katawhan kung mapatuman na ang SMP.

Human sa Septage Treatment Plant sa Cordova, ang MCWD, pinaagi sa grant gikan sa Japan International Cooperation Agency, motukod og tulo pa ka planta nga moserbisyo sa mga konsumindor sa Cebu, Talisay and Mandaue cities ug sa Consolacion, Liloan and Compostela.

## 2 ka public hearing gipahigayon sa Basak San Nicolas para sa projects



**PUBLIC HEARING.** Nitubag si Ryan Belaniso sa Service Connection Installation Department sa mga pangutana bahin sa requirements sa pag-apply atol sa public hearing sa Basak San Nicolas.

Photo by Cesar Pelarca

AGI og pagpahibaw sa mga lumolupyo sa duha ka sitio sa Barangay Basak San Nicolas, Cebu City sa umaabot nga water projects sa ilang lugar, nipahigayon ang MCWD og public hearing niadtong Sept. 28 og 29.

Kinahanglan sa MCWD ang clearance aron makabutang og tubo para pag-supply og tubig sa mga sudlonon nga Sitio Panaghiusa og Sitio Villa Kalubihan gamit ang tabang sa Vitens Evides International, nga dunay Pro-Poor Water Supply Project para sa Metro Cebu.

Matud ni Junard Cesa sa Legal Department, dunay mga parte sa karsada nga agi-an sa tubo nga gipanag-iya og pribado nga tawo.

Nihukom si Basak San Nicolas Barangay Captain Norman Navarro nga mo-assist sila sa MCWD sa pagpahigayon sa duha ka mga public hearing aron makasabot ang mga tawo sa mga benepisyo nga ilang makuha kung duna'y linya sa MCWD ilang lugar.

Si Engineering Department Manager Raul Tabasa nipresentar sa mga projects atol sa public hearing.

Si Ryan Belaniso sa Service Connection Installation Department nitubag sa mga pangutana sa requirements sa pag-apply og transfer tapping.

Wala nibabag ang mga lumolupyo kay ang uban nila, dugay nang gusto mo-apply sa MCWD pero layo kaayo ang tapping point. Mohuwat sila sa project aron dili kaayo dako ilang magasto pagpalinya gikan sa stub-out.

Nipasabot sa Corporate Planning Division Officer-in-Charge (OIC) John Paul Delgado nga human sa public hearing, mahimo nang mo-process ang MCWD sa mga permit og maka-bidding na sa project.



Usa sa mga nitambong sa public hearing nangutana kung maayo ba ang supply sa tubig sa ilang lugar taliwa sa mga taho nga naay problema sa supply sa MCWD ang mga kasikbit nga barangay.

Si Production Division OIC John Jaluague nipasabot sa mga nanambong nga dunay mga bag-o nga projects ang MCWD aron maka-supply sa ilang lugar.

## **MCWD, VEI mi-sponsor og Plumbing Enhancement Seminar Workshop**



**MANANAOG.** Si SCID OIC John Neville Macabinta (wala nga bahin) ug ang Asset Management Specialist sa VEI nga si Jos Verhulst (naggunit og sobre) maoy nihatag sa premyo sa grupo nga midaog sa Meter Assembly contest. Apil sa maong grupo mao sila si (second from left) Nonito Paradela, Jose Enriquez, private plumber, Neil Suson, Richie, Mansera Bernard Nuñez ug Samuel Gelig.

Photo by Cesar Pelarca

Makita ang kadasig sa mga installation ug stub-out teams sa Service Connection Installation Department (SCID) nga mitambong sa duha ka adlaw nga Plumbing Skills Enhancement Seminar Workshop niadtong October 5 ug 6 sa MCWD Social Hall nga gihatag sa Metropolitan Cebu Water District (MCWD) ug sa Vitens Evides International (VEI).

Ang MCWD ug VEI ni-commit sa paghatag og tubig sa mga slum areas sa Metro Cebu ubos sa WatSup Project. Ang mga SCID teams ang mo-install sa mga service connections sa beneficiaries sa WaSup.

Sa kapin sa 40 ang mitambong sa maong seminar-workshop, miapil usab ang 13 ka MCWD accredited plumbers ug 5 ka plumbers sa Eau et Vie (E&V) Tubig Pag-Asa nga partner sa MCWD ug VEI sa pro-poor project.

Sa unang adlaw, si Kyle Cimafranca, usa ka Asesor sa Technical Education and Skills



Development Authority (TESDA) ang speaker. Iyang gipa-ambit sa mga partisipante kung unsaon pag-apply o pagkuha og TESDA certification sa plumbing.

Sa parte sa MCWD, si Materials and Equipment Quality Control Division Manager Nelson Ruiz ang mi-present sa MCWD technical standards ug si SCID OIC John Neville Macabinta sa disconnection, reconnection ug reopening policies nga nakasulat sa MCWD Customers Accounts Policy.

Matod ni Macabinta, “Duna ta ani nga seminar-workshop aron ma-enhance ang knowledge and skills sa atong mga teams ug makahibawo sila kung unsa na ang current trend and practices karon sa plumbing trade.”

Usa ka Cebu-based company ang gi-invite aron mohatag og product demo sa ikaduhang adlaw. Si Managing Director Chuckie Pardo sa Phildex Industries and Dev’t Corp. mi-introduce sa ilang “PP-R hot and cold water pipes and fittings” diin maoy kasagaran nga gigamit karon sa mga konsumidor.

Human sa mga lectures, nag-Mini Olympics ang mga partisipante.

Si Ricardo Gonido, Installation Team Leader sa SCID ug 29 years na nga empleyado sa MCWD, mipadayag sa iyang kalipay nga nakatambong sa maong seminar. Matod niya, “Daghan ko nakat-onan. Na-energized ko. Nindot gyud naay coordination. Ang mahimo sa usa, mahimo sad sa tanan kung magtinabangay.”

Himoon nga yearly event ang maong seminar workshop, ingon si OIC Macabinta.

## **MCWD mipahigayon og public hearing sa Mantuyong, Mandaue City**

Nipahigayon og usa ka public hearing ang Metropolitan Cebu Water District (MCWD) sa Barangay Mantuyong, Mandaue City niadtong Oct. 24, 2017.

Ang public hearing mahitungod sa water supply expansion project sa MCWD ug VEI nga pagahimuon sa may Echivarri sa mao nga barangay. Tungod sa kabalaka sa mga Konsehaes sa Brgy. Mantuyong nga makamugna kini og traffic ingon man kahasol sa mga nagpuyo sa mao nga dapit tungod sa kagamay sa dalan, ni-request ang konseho og public hearing aron mapahibawo ang katawhan mahitungod sa project ug mapasabot usab sila sa kaayuhan o benepisyo unya nga ilang matagamtam kun matapos na kini ug mahatagn og permit ang MCWD.

Sa sayo nga bahin, si Engr. Pancracio Abad, ang project engineer, nananghid sa konseho sa Brgy. Mantuyong nga trabahuon lang nila og adlawan tungod kay ang permit nga gihatag sa DPWH pang-gabii nga trabaho aron dili makahasol. Si Engr. Abad nipasabot sa mga konsehaes nga sa panahon nga mag-cutting ug magbreaking sa semento saba kaayo ang ekipo ug

makadisturbo kini sa pagkatulog sa katawhan sa mao nga dapit kun buhaton nila sa gabii.

Busa, nidesider gayud si Barangay Kapitan Juanito Urot nga magpatawag nalang og public hearing aron matubag sa MCWD ang mga pangutana unya sa mga lumolupyo.

Hinuon, nakasabot ra ang mga katawhan sa tumong sa mao nga proyekto ug pangitaan lang usab og paagi kadtong sakyanan nga maapektuhan inig sugod sa trabaho.

**(NOVEMBER )**

### **MCWD will accept Visa credit card for bills payment soon**



**MILESTONE.** Metropolitan Cebu Water District (MCWD) and Development Bank of the Philippines (DBP) officials sign a memorandum of agreement for the provision of payment services for water bills using Visa credit cards. With the use of the Internet Payment Gateway, MCWD bills can now be paid anywhere in the world—a milestone for the water utility. The MOA was signed by MCWD Acting General Manager Noel Dalena (seated, 3<sup>rd</sup> from right) and DBP Executive Vice President (VP) Anthony Robles (seated, 4<sup>th</sup> from left). The ceremony was attended by (seated, from left) DBP Senior Manager Herbert Antoine Achay, Senior VP Jane Gocuan, VP Fernando Lagahit, MCWD Chairman of the Board of Directors (BOD) Joel Mari Yu, MCWD BOD Vice president Rene Mercado, (standing, from left) DBP Account Officer Miralyn Meso, DBP Regional Lawyer Maria Vita Nunag, MCWD Directors Ralph Sevilla and Eugene Elizalde, MCWD Assistant General Manager Ma. Rowan Teñedo, MCWD Consultant Armando Paredes and MCWD Director Procopio Fernandez.

Photo by Cesar Pelarca

Customers of Metropolitan Cebu Water District (MCWD), who are Visa credit cardholders, may soon pay their water bills through online banking, wherever they are and whenever they want to.

This development was made possible when MCWD inked the E-Merchant Agreement with the Development Bank of the Philippines (DBP) on November 13 at the MCWD Board Room for this new payment scheme.

MCWD aims to provide convenience to customers and at the same time, improve its efficiency in collecting payments. To achieve this goal, MCWD has installed a new system called Internet Payment Gateway (IPG) service as introduced by DBP to enable customers to pay their water bills using their Visa credit cards.

MCWD Chairman of the Board Joel Mari Yu, who was present during the signing, thanked DBP for its efforts to help, not only utility companies like MCWD but also the whole country as well, by introducing digitization.

He said to DBP representatives, “The process that you have introduced will make it very much more expedient and easy for the customers to deal with MCWD.”

DBP, a government financial institution, was represented by Executive Vice President Anthony T. Robles, who also expressed how grateful they are for the trust and confidence that MCWD has given them.

Robles said DBP was given recently the mandate to be the infrastructure bank of the country in accordance with the “Build, Build, Build Program” of the Duterte Administration. He added, DBP is a pioneer in digital infrastructure including payments infrastructure wherein power and water utilities are its priorities.

“The IPG service provides another channel for customers to settle their bills,” Robles said. According to him, this will minimize the number of customers in queue waiting for their turn to pay their bills in MCWD.

Customers who will opt to pay online only have to open MCWD’s website which will show the added feature of payment using any Visa credit card. The transaction will be posted automatically to the account of the cardholder at the end of the day, as stated in the agreement.

MCWD’s Management Information Services Division Department (MISD) has prepared the system early part of this year and will do the final testing before this will be launched to the public.

MCWD and DBP will likewise work on a system that will allow debit card or a prepaid card as a means of payment.

Meanwhile, customers may still continue to pay using cash or checks at the main office or at MCWD’s payment centers, collecting banks, sub-offices or through EC pay.

## **Over 300 Mactan Subdivision residents get water supply from MCWD**

To ensure continuous water supply to its homeowners, Pacific Land Ventures and Property Development Inc., which developed the Mactan Plains Subdivision, recently turned over the subdivision’s new water system to Metropolitan Cebu Water District (MCWD).

With this development, 306 households in the said subdivision in Sitio Angasil, Mactan, Lapu-Lapu City can now apply to have their own service connection line and have access to adequate, potable, safe and affordable water from MCWD.

The water system project was completed and turned over by the developer to MCWD without any cost from the latter on Sept. 26 this year.

MCWD provided the detailed engineering design and estimates for the subdivision's water system and monitored the implementation of the project done by the developer.

The water supply demand of the subdivision is around 250 cubic meters per day, which will come from MCWD's bulk supply from Cebu Manila Water Development (CMWD) and from the Liloan wellfield, according to Production and Distribution Department Manager Edgar Ortega.

The Service Connection Installation Department (SCID) has started accepting and processing applications for service connections from the homeowners on October 30.

As part of the agreement of both parties, MCWD will conduct regular meter reading, bill distribution, payment collection, disconnections of delinquent individual service connection activities and process relevant complaints and other services rendered by the water district to its consumers in accordance with its Customer Accounts Policy.

As of October 2017, MCWD already has a total of 182,671 service connections as per Corporate Planning Department records.

## **New bulk supply in Mambaling**



**MAMBALING INJECTION POINT.** Engr. Basilio Sangarius of MCWD checks the concrete meter vault installed 300 meters from the proposed interconnection. Photo by: Cesar Pelarca

Currently, the source of water supply in Mambaling comes from the Lagtang Reservoir and Jacupan wellfield. However, consumers still experience low pressure to no water especially during peak hours.

In the 10-year contract signed by MCWD and PWRI, the latter is expected to deliver a minimum volume of 5,000 cubic meters of water per day starting next month at a rate of P24.96 per cubic meter. MCWD has to pay around P455.5 million for the contract duration.

MCWD opened the water supply project for bidding in the early part of 2017. It was in March when the contract was awarded to PWRI and the Notice to Proceed (NTP) was issued in June. As agreed, the first delivery date of the brackish source is reckoned six months from the issuance of the NTP.

Brackish water has more salinity than freshwater but PWRI's supply to MCWD is already potable to be directly injected at Mambaling injection point with 78 psi pressure.

MCWD is closely coordinating and monitoring the project from the very start. In October, Acting General Noel Dalena already made a follow up at PWRI on the status of the project.

At this stage, PWRI still has to complete its works on pipe crossing in the bridge. The meter vault as already installed but the pipeline installation works from the meter vault to the injection point is still ongoing. Furthermore, PWRI's proposed flow meter assembly, flanged butterfly and check valves are still under evaluation by MCWD's Project Management Office (PMO).

This is the second time MCWD entered into an agreement with PWRI, which also provides a 1,500 cu.m per day in MCWD's Banawa injection point. Out of MCWD's average daily production of 227,000 cu.m., 71,000 cu.m. per day comes from bulk supply as per Production and Distribution Department's daily report.

## **MCWD applies for a \$20M grant from JICA for STP project**



**DISCUSSION.** Engr. Emmanuel Espina of Corplan (left) discusses with JICA Engrs. Kozo Hayashishita (seated) and Yamato Nakamura, both of Yokohama Water Co. Ltd., about the proposed septage treatment plant project. Photo by Cesar Pelarca

The Metropolitan Cebu Water District (MCWD) is applying for a \$20-million grant or equivalent to P1-billion more or less from the Japan International Cooperation Agency (JICA) to fund the construction of septage treatment plants (SpTPs) in two allocated sites by Mandaue City and the Province of Cebu.

A team from JICA recently conducted a preliminary survey in these two areas after MCWD submitted the commitment letters from each local government unit (LGU).

The Mandaue City Government has committed a one-hectare lot for the treatment plant located at the Umapad dumpsite while the Provincial Government allocated an area at the back of SM City Cebu.

With the applied grant, JICA through the City of Yokohama will provide the design of the facility, supply of equipment, vacuum trucks and the civil works. On the other hand, MCWD will provide the site as committed by the LGUs as well as the supervision and coordination with the LGUs for the agreements later on.

According to Engr. Emmanuel Espina of Corplan, the amount applied for by MCWD will depend on the results of the JICA study team and the final approval of the Japanese government.

## **Pipeline expansion project sa Lapu-Lapu City gisugdan na**



**PIPELAYING.** Ang ME Sicat Construction maoy nagtrabaho sa pipelaying sa transmission line sa Brgy. Pusok, Lapu-Lapu City ubos sa supervision ug monitoring sa Project Management Office (PMO) sa MCWD.

Photo contributed Engr. Sharmaine Lipang, MCWD)

Ang Metropolitan Cebu Water District (MCWD) misugod na og dawat og mga applications alang sa water service connection niadtong September pagka-human sa pipeline expansion project diha sa Mustang Road, Barangay Pusok, Lapu-Lapu City.

Gisugdan pagtrabaho sa ME Sicat Construction, ang contractor sa maong expansion project, niadtong February 2016 ug nahuman pagka-June karong tuiga.

Ang Project Manager Office (PMO) maoy nag-supervise ug nag-monitor sukad sa pagsugod sa project hangtod sa pagtaod sa transmission line. Human sa final inspection niadtong July, gi-turned over kini ngadto sa Production and Distribution Department (PDD) para sa commissioning. Ang bag-ong linya na commissioned niadtong September.

Bisan og adunay mga lugar sa Lapu-Lapu City nga gi-suspend ang pagdawat og mga applications tungod kay walay igo nga water supply, padayon gihapon ang MCWD sa pagpatuman sa mga expansion projects sama sa Pipelines Expansion Package 10 sa Brgy. Pusok aron makahatag og dugang nga mainom ug barato nga tubig sa nahisgotan nga barangay

Mikabat og sobra sa P7 milyon ang nagasto sa mao nga water system expansion project diin adunay gitas-on nga 386 linear meters ug gidak-on nga 300-millimeter diameter Ductile Iron pipes ang mao nga transmission line.

Lakip sa pagpatuman sa MCWD Vision 60/80 in 2020 mao ang pag-implement sa mga infrastructure projects sama sa expansion lines aron mahatagan og sufficient water supply ang mga konsumidor labina sa mga lugar nga nanginahanglan. Dugang pa niini, padayon usab nga gitun-an ang pagpalambo sa distribution strategy aron maka-tubig 24/7 ang mga konsumidor sa service area.



**(DECEMBER)**

## **Balance distribution of water supply, new GM's message**



**NEW GM.** Engr. Jose Eugenio B. Singson Jr. speaks about balanced distribution of water supply before the jam-packed Social Hall during the corporate Christmas party.

Photo by Cesar Pelarca

Metropolitan Cebu Water District's (MCWD) new General Manager Engr. Jose Eugenio B. Singson, Jr. already laid down its course for the water district with the support of the Board of Directors (BOD), which is to have a balanced distribution system.

This was what he emphasized during the General Workforce meeting on December 8 at the MCWD Social Hall. He said a comprehensive master plan will help bring water to areas experiencing low pressure to no water and those having a 24/7 water supply.

"With a limited supply, water should be equally distributed. This is quite difficult, but not impossible to do," GM Singson emphasized.

He mentioned of rationing and putting up of additional booster pumps to balance the distribution of water.

Another program that, he said, he will be focusing on is to lessen the gap between demand and supply.

GM Singson pointed out that MCWD should be able to serve and provide water to consumers including those in elevated areas by looking for a source somewhere in Bonbon, Cebu City.

Desalination will also be pursued as this has been approved by the BOD already to augment the water supply in Lapu-Lapu City, which will become an isolated system. Water that used to supply in Mactan island can now be focused in the mainland Cebu.



GM Singson made a comeback to the water district and is taking the helm as the new General Manager by virtue of a BOD appointment effective December 1 this year.

He was first hired in MCWD in March 1989 as Works Engineer in the Engineering Department. In 1995, he became the Head of Technical Division of Project Management Office for a few months until he became the Division Manager in the same department. In March 2010 to February 2013, he held the position of Department Manager of Maintenance Support Services Dept. He became the Assistant General Manager for Technical Services Group from February 2013 to October 2015.

He availed of the optional retirement in 2015 when he sought for an elective position in a municipality in Cebu. It is mandated by law that government officials who seek for an elective post must resign from their positions upon filing their certificates of candidacy. The law prohibits the appointment of a losing candidate from holding public office for a period of one year after the elections. Unfortunately, GM Singson lost in the election but he can still return to any office in the government. He signified with the BOD his interest to work again in MCWD.

He asked everyone in MCWD to have an empty mind, adapt the attitude of a child, set aside animosities and to just focus each one's tasks.

GM Singson promised to have a quarterly meeting with the workforce as he wants transparency under his administration.

## MCWD, VEI launch water supply for fire victims



**RIBBON CUTTING.** Honorary Consul of the Kingdom of The Netherlands Dondi Joseph and E&V Tubig Pag-Asa Inc. Program Manager Clara Bouchet-Doumenq lead the ribbon cutting ceremony of the new fire hydrant to inaugurate the water supply system in Barangay Mantuyong, Mandaue City. Present also during the event are (from left) Mantuyong Barangay Captain Juanito Urot Jr., Disaster Risk Reduction Management Officer Hildorico Patindol, MCWD General Manager Jose Eugenio Singson Jr., Tony Juanco of the Housing and Urban Development Office, VEI Project Manager Patrick Egan and Netherlands Red Cross delegate Karine Lacroix.

Photo by Cesar Pelarca

Over 200 fire survivors in Barangay Mantuyong, Mandaue City got an early Christmas gift of adequate, safe, potable and affordable water as Metropolitan Cebu Water District (MCWD) in partnership with Vitens Evides International (VEI) completed its pro-poor water supply project in the barangay.

The said water supply project called Water Supply Cebu (WatSup Cebu) is a 5-year private-public partnership (PPP) of MCWD and VEI, which aims to provide water to unserved areas of MCWD including Mantuyong.

WatSup Cebu, likewise, is a P376-million worth of project funded, in part, by The Netherlands government to improve the lives of 80,000 Filipinos in Metro Cebu and is now in its second year of implementation.

The Netherlands Enterprise Agency (RVO), through its Sustainable Water Fund (FDW), is funding 55% or P208 million of the project. Aside from the P208-million FDW grant, MCWD will contribute more than P112 million while VEI will give P38.5 million as counterpart. E&V Tubig Pag-asa (TPA) will contribute more than P1 million while the Netherlands Red Cross' contribution is P15 million.

The water system in Mantuyong will be managed by E&V Tubig Pag-asa.

To mark the development in the barangay, an Inauguration Ceremony was held at the Mantuyong Multi-Purpose Gym attended by the Honorary Consul to the Kingdom of the Netherlands Gordon Allan Joseph, Mandaue City Vice Mayor Carlo Fortuna, City Councilor Carmelino del Mar, Jr., Mantuyong Barangay Captain Juanito Urot, MCWD General Manager Jose Eugenio Singson, VEI Project Manager Patrick Egan, E&V Tubig Pag-Asa Inc. Program Manager Clara Bouchet-Doumenq, Netherlands Red Cross delegate Karine Lacroix, MCWD officials, E&V staff, officials of the LGU, and barangay residents.

Hon. Consul Joseph said during the ceremony, the project will make people's lives better. "Continue expanding this fantastic Private-Public-Partnership (PPP) for the people!" he said.

Mantuyong Barangay Captain Juanito Urot, Jr. expressed his happiness with the realization of the project as this will benefit the residents in his barangay.

MCWD, through the contractor DSJP Construction, completed the 132 linear-meter Ductile Iron expansion pipe laying worth P1.3 million on Ceniza Street in Mantuyong in March this year.

It is stipulated in the Memorandum of Agreement signed between MCWD and E&V TPA that the former will provide sufficient and potable bulk supply for the latter to distribute to the residents of the barangay. TPA will also collect the payments from the beneficiaries on installment basis.

Gina Bantilan, a mother of eight children and owner of a sari-sari store in Mantuyong, was thankful that finally, her family will no longer have to fetch water from the deep well, which is inconvenient and time-consuming.

As part of the project, other expected development to be implemented in Mantuyong is a community health program that includes education on sanitation and hygiene to be provided by the Netherlands Red Cross and Philippine National Red Cross in partnership with MCWD, and trainings for the beneficiaries on disaster preparedness.

## **Chairman Yu urges all to face challenges speedily**

With the challenges that Metropolitan Cebu Water District (MCWD) are facing today, Chairman Joel Mari Yu is encouraging all officials and employees to address these at a faster pace than ever before

This was his message during the MCWD corporate Christmas Party where other members of the BOD also graced the half-day affair on December 15 at MCWD Social Hall. The Social Hall was packed with employees who were present for the corporate Christmas party celebration except for the frontliners and those who were working on field.

It was apt for Chairman Yu to tell everyone about the water supply situation in Cebu today, which he said is much different than five years ago.

He said the population is growing rapidly, more subdivisions and condominiums are sprouting, which means more people need water. According to him, there is now a wide gap between the demand for water and the water supply.

He continued that with the rise of the social media, it is already impossible to hide the real situation of the water supply.

“We need to empty our minds. We need a paradigm shift. Let’s bite the bullets and take the water where it can be taken,” he said in his inspirational message.

He told everyone to “think out of the box” in terms of finding additional water source to address the demand for water supply. He mentioned developing the Mananga and Lusaran dams.

He urged all departments to move and act at a faster pace.

On a lighter note, Chairman Yu wished everyone a Merry Christmas as he ended his message.

## 2017 Operational Highlights



### Production

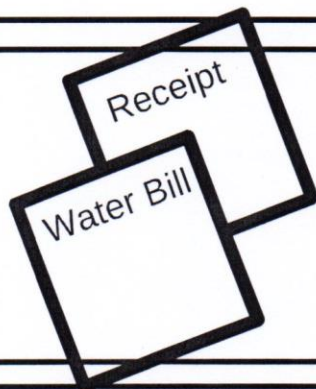
**2017** 223,206 cubic meters/day

**2016** 214,095 cubic meters/day

### Number of Service Connections

**2017** 183,690

**2016** 176,772



### Water Sales

**2017** 166,888 cubic meters/day

**2016** 164,525 cubic meters/day

### Non-Revenue Water

**2017** 25.25%

**2016** 22.97%



# INFRASTRUCTURE PROJECTS

Name of Project	Location	Contractor	Final Project Cost	Date Completed
Water Distribution Rehabilitation at Alaska, Mambaling	Alaska, Mambaling, Cebu City	FDRCon Co., Inc.	Php 14,802,865.00	Nov 21, 2017
Pipeline Expansion Under Salintubig Project at RC Cola, Tamiao, Estaca, Compostela, Cebu	RC Cola, Tamiao, Estaca, Compostela, Cebu	A.L. Gantuangco Construction	P 12,575,943.83	Nov 15, 2017
Pipeline Expansion under Hydraulic Area 1 Package 3	Consolacion, Cebu	Geo-Transport & Construction, Inc.	variation order is being processed	Oct 30, 2017
Design and Construction of 1,000m <sup>3</sup> Modular Water Tank at OPRRA, Cebu City	Brgy. Kalunasan, Cebu City	Houston Hydrotech Products and System Incorporated	P 16,335,113.08	Aug 23, 2017
Pipeline Expansion under Hydraulic Area 1 Package 1	Compostela and Liloan, Cebu	PMG Ventures	P 52,718,033.03	Aug 16, 2017
Pipeline Expansion under Salintubig Project at San Miguel, Cordova	San Miguel, Cordova	DSJP Construction	P 8,017,150.29	Jul 5, 2017
Pipeline Expansion Under Hydraulic Area 1 Package 10	Pusok-Matumbo Road and Mustang Road, Brgy. Pusok and Brgy. Mactan, Lapulapu City	M.E. Sicat Construction, Inc.	P 30,537,739.05	Jul 4, 2017

Pipeline Expansion Under Vitens Project at Janssen, Basak, San Nicolas	Janssen, Basak, San Nicolas	DSJP Construction	P	7,122,898.19	May 25, 2017
Pipeline Expansion Under HA1 Package 8	Corner Poblacion Cordova to Corner Basak-Marigondon Road, Lapulapu City	Rex E. Morales Construction	P	66,287,318.71	May 5, 2017
Pipeline Expansion under Hydraulic Area 1 Package 11	Brgy. Jubay, Liloan, Cebu	A.L. Gantuangco Construction	P	9,912,218.57	April 28, 2017
Pipelines Expansion under Hydraulic Area 1 Package 9	Juan Sitoy St., Brgy. Catarman, Cordova and M.V. Patalinghug Avenue, Lapulapu City	JFAP Construction	P	50,394,469.99	Mar 30, 2017
Pipeline Expansion under Vitens Project at Lower Greyhound, Kinasang-an, Pardo	Lower Greyhound, Kinasang-an, Pardo	DSJP Construction	P	4,087,955.24	Mar 24, 2017
Pipeline Rehabilitation Project at Landing, Catarman, Liloan, Cebu	Landing, Catarman, Liloan, Cebu	A.L. Gantuangco Construction	P	11,408,417.82	Mar 15, 2017
Pipeline Expansion Under Vitens Project at Villa Pacita, Inayawan, Cebu City	Villa Pacita, Inayawan, Cebu City	DSJP Construction	P	4,105,396.10	Mar 8, 2017

Pipeline Expansion Under Vitens Project at Ceniza St., Mandaue City	Ceniza St., Mandaue City	DSJP Construction	P	1,237,112.38	Mar 1, 2017
Pipeline Expansion Under Vitens Project at Tangke, Talisay City	Tangke, Talisay City	DSJP Construction	P	2,874,061.52	Feb 22, 2017
Pipeline Expansion Under Vitens Project at Murillo St., Inayawan, Cebu City	Murillo St., Inayawan, Cebu City	A.L. Gantuangco Construction	P	4,153,808.57	Feb 15, 2017

#### WATER SYSTEM PROJECTS

Name of Project	Location	Owner/Developer	Final Project Cost		Date Completed
Water Distribution Systems for Mactan Plains Subdivision	Sitio Angasil, Brgy. Mactan, Lapulapu City	Pacific Land Ventures and Property Development, Inc.	P	1,617,764.80	Sep 5, 2017
Water Distribution System for Brookridge Subdivision	Dr. Pablo Abella St., Labangon, Cebu City	Primary Homes, Incorporated	P	2,414,108.22	Jun 30, 2017
Water Distribution System for Villa Sebastiana Subdivision	Brgy. Tawason, Mandaue City, Cebu	Aidfaz Development Corporation	P	1,343,438.70	Jun 14, 2017
Water Distribution System for Rose Pike Subdivision	Forest Hills, Kalubihan, Banawa, Brgy. Guadalupe, Cebu City	F.S. Baltazar Builders	P	1,415,707.20	Mar 10, 2017
Water Distribution System for Peninsula Subdivision	Sudtungan Road, Brgy. Basak, Lapulapu City	Peninsula Resort Corporation	P	1,196,027.58	Feb 21, 2017



<b>FLOWMETER ASSEMBLY AND VAULT</b>				
<b>Name of Project</b>	<b>Location</b>	<b>Owner/Developer</b>	<b>Final Project Cost</b>	<b>Date Completed</b>
Ø100mm Flow Meter for Marco Polo Residences	Veterans Drive, Nivel Hills, Apas, Cebu City	Federal Land, Inc.	P 535,054.44	Aug 24, 2017
Ø75mm Surface Flow Meter for Ayala Center Cebu Corporate Center	Bohol Street, Barangay Hipodromo, Cebu City	Cebu Holdings, Inc.	P 619,188.80	Mar. 22, 2017
Revised Ø75mm Surface Flow Meter for Bamboo Bay Community	Subangdaku, Mandaue City	Contempo Property Holdings, Inc.	P 725,460.93	Jan 26, 2017

#### **IN-HOUSE INFRASTRUCTURE PROJECTS**

<b>Name of Project</b>	<b>Location</b>	<b>Designer</b>	<b>Final Project Cost</b>	<b>Date Completed</b>
Ø350mm Interconnecting Works	Bag-ong Dan, Liloan	Engr. Arvin John M. Jaluague	P 682,000.00	May 18, 2017
Ø75mm X 305LM DI pipe rehabilitation	Aquarius, Virgo and Libra Sts., Pleasant Homes Subd., Punta Princesa, Cebu City	Engr. Sharmaine T. Lipang	P 2,450,500.00	May 31, 2017
MC23 Pumping Stations Improvement (conversion to underground installation)	F. Sotto St., Cebu City	Engr. Arvin John M. Jaluague	P 3,345,738.00	Jul 8, 2017
Decommissioning and transfer tapping project	Pulpogan Road, Consolacion, Cebu	Engr. Christopher N. Getutua	P 1,975,215.35	Oct 6, 2017
Ø150mm X 565 LM DI Pipeline Expansion under Vitens Project	Barangay Labogon, Mandaue City	Engr. Christopher N. Getutua	P 4,935,870.72	Dec. 20, 2017

# Metropolitan Cebu Water District

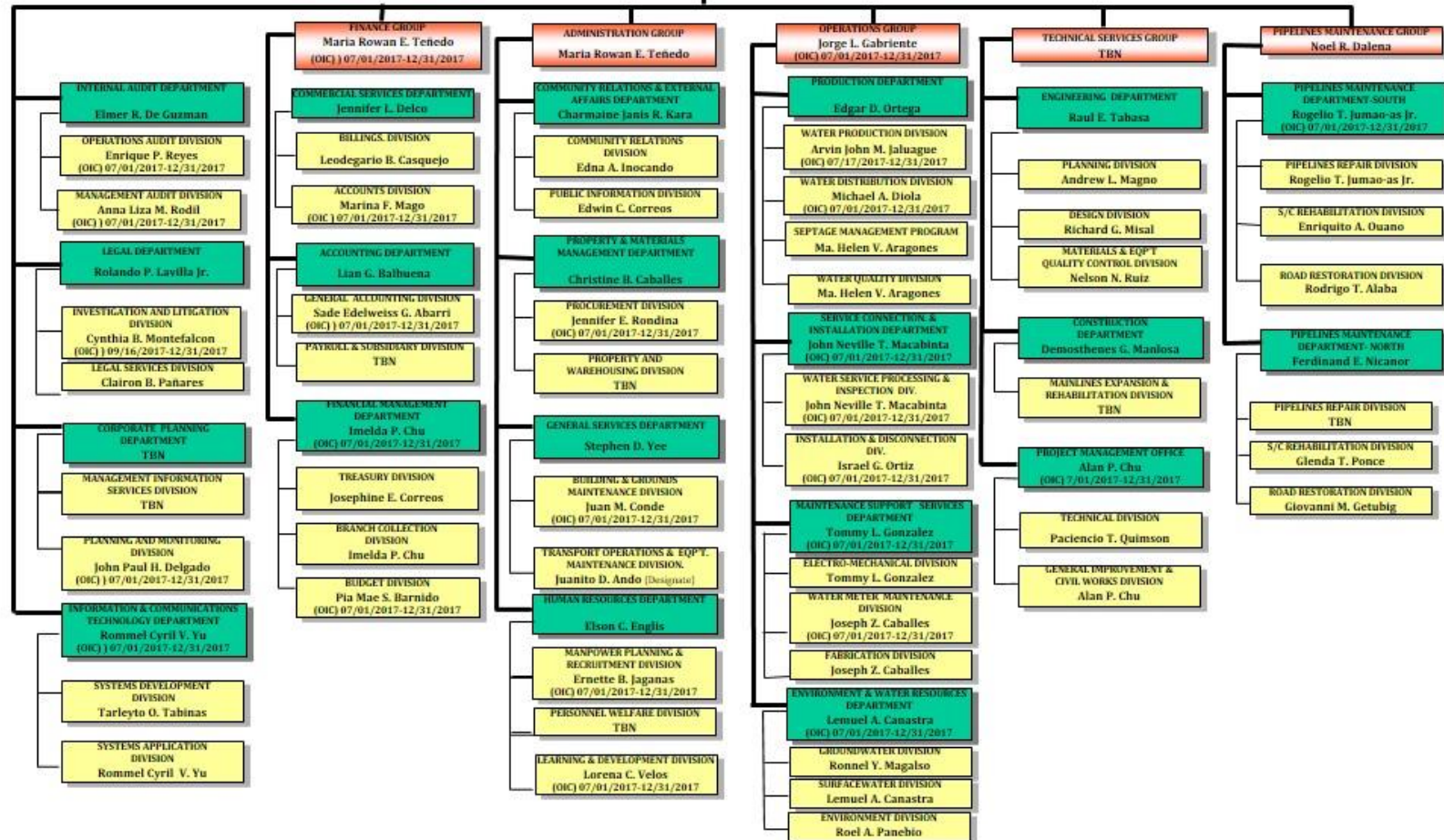
## Table of Organization

As of December 31, 2017

### BOARD OF DIRECTORS



GENERAL MANAGER  
Jose Eugenio B. Singson Jr.



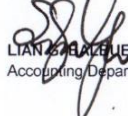
METROPOLITAN CEBU WATER DISTRICT  
STATEMENT OF COMPREHENSIVE INCOME  
FOR THE CURRENT MONTH AND YEAR TO DATE ENDING DECEMBER 31, 2017

		CURRENT MONTH								YEAR TO DATE					
DECEMBER	NOVEMBER	ACTUAL	% to TOTAL	BUDGET	% to TOTAL	OVER	BUDGET	ITEMS	ACTUAL	% to TOTAL	BUDGET	% to TOTAL	OVER	BUDGET	
2016	2017	AMOUNT	(Actual)	AMOUNT	(Budget)	(UNDER)	%		AMOUNT	(Actual)	AMOUNT	(Budget)	(UNDER)	%	
139,787,792	137,570,266	145,617,383	100	171,607,190	100	(25,989,807)	(15)	Operating Revenue	1,687,762,121	100	1,898,590,667	100	(210,828,546)	(11)	
								Less: Operating Expenses							
86,776,060	104,301,640	73,872,437	51	103,761,181	60	(29,888,745)	(29)	Operation	1,090,862,417	65	1,271,798,137	67	(180,935,720)	(14)	
16,653,781	18,830,530	12,113,361	8	14,728,279	9	(2,614,919)	(18)	Maintenance	200,700,687	12	263,223,756	14	(62,523,069)	(24)	
12,099,815	8,405,902	8,414,946	6	11,746,054	7	(3,331,108)	(28)	Depreciation	107,365,691	6	140,952,646	7	(33,586,956)	(24)	
115,529,656	131,538,073	94,400,743	65	130,235,515	76	(35,834,771)	(28)	Total Operating Expenses	1,398,928,794	83	1,675,974,540	88	(277,045,745)	(17)	
24,258,136	6,032,193	51,216,640	35	41,371,675	24	9,844,964	24	Utility Operating Income	288,833,326	17	222,616,127	12	66,217,199	30	
								Other Income							
0	0	0	-	0	-	0		Dividend Revenue	0	-	0	-	0		
798,530	650,953	746,288	1	769,299	0.448291	(23,011)	(3)	Interest Revenue	9,548,972	1	9,231,610	0	317,362	3	
(475,794)	2,836,648	2,594,588	2	2,289,170	1	305,418	13	Misc. Non-Operating Revenue	26,831,778	2	27,470,036	1	(638,258)	(2)	
(526,822)	(22,046)	(1,096,164)	(1)	72,215	0	(1,168,379)	(1,618)	Income (Loss) fr Non-Utility Operation	(1,850,874)	(0)	866,580	0	(2,717,454)	(314)	
(204,086)	3,465,555	2,244,713	2	3,130,684	2	(885,971)	(28)	Total Other Income	34,529,876	2	37,568,226	2	(3,038,350)	(8)	
24,054,050	9,497,749	53,461,352	37	44,502,359	26	8,958,993	20	Income Before Other Deductions	323,363,203	19	260,184,354	14	63,178,849	24	
								Miscellaneous Income Deduction							
938,109	963,363	934,624	1	1,302,661	1	(368,038)	(28)	Local Government Revenue Share	11,606,319	1	14,410,890	1	(2,804,572)	(19)	
(11,583)	296,953	60,498	0	0		60,498		Unrealized Gain or Loss on FO	42,723	0	0	-	42,723		
0	0	0		0		0		Extraordinary Gain/ Loss	0		0	-	0		
0	0	0		0		0		Value Added Taxes	0		0	-	0		
926,526	1,260,316	995,122	1	1,302,661	1	(307,540)	(24)	Total	11,649,041	1	14,410,890	1	(2,761,849)	(19)	
23,127,524	8,237,433	52,466,231	36	43,199,698	25	9,266,533	21	Net Income Before Interest Charges	311,714,161	18	245,773,463	13	65,940,698	27	
2,798,523	2,299,843	2,672,747	2	2,131,167	1	541,580	25	Interest on Long Term Debts	30,522,031	2	28,691,427	2	1,830,603	6	
20,329,001	5,937,589	49,793,484	34	41,068,531	24	8,724,953	21	Net Income Before Income Tax	281,192,131	17	217,082,036	11	64,110,095	30	
	208,467	0		86,999		(86,999)		Income Tax for Other Income	747,430		1,043,992		(296,561)		
20,329,001	5,729,122	49,793,484.44		40,981,532		8,811,952		Net Income After Income Tax from Other Inc	280,444,700.42		216,038,044		64,406,656		


Prepared By:

  
SADE EDELWEISS G. ABARRI  
Chief Corporate Accountant

Checked by:

  
LIAN BALBUENA  
Accounting Department Manager

Noted By:

  
MA. RDWAN TENEDO  
OIC AGM - Finance Group



METROPOLITAN CEBU WATER DISTRICT  
DETAILED STATEMENT OF REVENUES AND EXPENSES  
FOR THE CURRENT MONTH AND YEAR TO DATE ENDING DECEMBER 31, 2017

		CURRENT MONTH						YEAR TO DATE						
DECEMBER 2016	NOVEMBER 2017	ACTUAL AMOUNT	% to TOTAL (Actual)	BUDGET AMOUNT	% to TOTAL (Budget)	OVER (UNDER)	BUDGET %	ITEMS	ACTUAL AMOUNT	% to TOTAL (Actual)	BUDGET AMOUNT	% to TOTAL (Budget)	OVER (UNDER)	BUDGET %
COMMERCIAL DIVISION														
Operation Revenue:														
Water Sales:														
140,766,320	138,746,081	146,892,290	101	172,607,796	146	(25,715,506)	(15)	Metered Sales to General Customers	1,700,532,264	101	1,909,500,445	124	(208,968,181)	(11)
0	0	0	-	-	-	0		Private Fire Protection Service	0	-	0	-	0	
0	0	0	-	-	-	0		Public Fire Protection	0	-	0	-	0	
140,766,320	138,746,081	146,892,290	101	172,607,796	146	(25,715,506)	(15)	Total Water Sales	1,700,532,264	101	1,909,500,445	124	(208,968,181)	(11)
3,724,217	3,827,017	3,886,285	3	4,376,509	4	(490,224)	(11)	Less: Discount on Water Sales	44,325,395	3	48,415,806	3	(4,090,411)	(8)
7,942	7,113	7,221	0	8,903		(1,682)		Senior Citizen Discount	87,119	0	98,492		(11,372)	
137,034,161	134,911,951	142,998,785	98	168,222,384	142	(25,223,599)	(15)	Net Water Sales	1,656,119,750	98	1,860,986,148	121	(204,866,397)	(11)
Others:														
1,606,777	1,490,510	1,452,836		1,949,179		(496,344)	(25)	Environmental Fee	17,824,939	1	21,652,083	1	(3,827,143)	(18)
1,129	7,135	2,630	0	73,540	0	(70,910)		Interest on Materials	63,274	0	92,811	0	(29,536)	
1,070,058	1,069,753	1,149,087	1	1,751	0	1,147,336	65,512	Penalty Charges	12,784,258	1	13,690,333	1	(906,075)	(7)
75,666	90,917	14,045	0	1,360,335	1	(1,346,290)	(99)	Water Levy	969,898	0	2,169,293	0	(1,199,394)	(55)
2,753,631	2,658,315	2,618,598	2	3,384,806	3	(766,208)	(23)	Total	31,642,370	2	37,604,519	2	(5,962,149)	(16)
139,787,792	137,570,266	145,617,383	100	171,607,190	145	(25,989,807)	(15)	Total Operating Revenue	1,687,762,121	100	1,898,590,667	124	(210,828,546)	(11)
CUSTOMER ACCOUNTS EXPENSE														
Operation:														
1,837,789	896,773	477,327	1	1,905,692	(2)	2,383,019	(125)	Installation and Disconnection Expense	17,353,889	1	19,030,203	1	(1,676,314)	(9)
2,507,194	2,696,233	1,860,507	2	2,648,649	2	(788,142)	(30)	Meter Reading Expense	28,400,842	2	31,464,938	2	(3,064,095)	(10)
934,187	590,096	358,441	0	1,023,554	1	(665,113)	(65)	Customer Records and Collection Expense	7,533,947	1	11,572,391	1	(4,038,444)	(35)
580,685	633,419	527,822	1	683,141	1	(155,319)	(23)	Treasury Expense	8,000,900	1	8,888,594	1	(887,694)	(10)
287,791	368,577	331,545	0	406,282	0	(74,738)	(18)	Branch Administration Expense	4,243,530	0	5,362,512	0	(1,118,982)	(21)
28,401	51,035	39,098	0	95,560	0	(56,462)	(59)	Marketing Expense	645,852	0	1,240,171	0	(594,319)	(48)
(196,182)	0	582,594	1	81,667	0	500,927	613	Uncollectible Accounts Provision	582,594	0	980,000	0	(397,406)	(41)
1,341,736	2,103,821	1,456,472	2	4,328,824	4	(2,872,353)	(66)	P I O / P A D	18,506,629	1	23,966,229	2	(5,459,601)	(23)
7,321,601	7,339,955	5,633,806	7	7,361,986	6	(1,728,180)	(23)	Total Customer Accounts Expenses	85,268,183	7	102,505,039	7	(17,236,855)	(17)
PRODUCTION DIVISION														
Source of Supply Expenses														
40,858,910	50,523,209	41,777,740	49	53,781,530	45	(12,003,790)	(22)	Purchased Water	523,181,250	41	571,518,894	37	(48,337,645)	(8)
Pumping Expenses														
2,066,616	2,515,656	2,911,332	3	1,983,948	2	927,385	47	Production Expense	28,361,910	2	27,447,811	2	914,098	3
2,842,892	2,900,616	2,221,793	3	2,514,363	2	(292,570)	(12)	Distribution Expense	31,394,901	2	36,822,437	2	(5,427,536)	(15)
4,261,205	7,412,488	3,464,033	4	6,469,860	5	(3,005,827)	(46)	Fuel or Power Purchased for Pumping	68,908,914	5	72,643,786	5	(3,734,872)	(5)
9,170,712	12,828,759	8,597,159	10	10,968,171	9	(2,371,012)	(22)	Total Pumping and Distribution Expenses	128,665,724	10	136,914,034	9	(8,248,310)	(6)
1,373,259	1,162,655	2,838,709	3	474,453	(0)	3,313,162	(698)	Water Treatment Expenses	19,178,279	1	22,810,764	1	(3,632,485)	(16)
51,402,881	64,514,624	53,213,608	62	64,275,249	54	(11,061,641)	(17)	Total Production Expenses	671,025,252	52	731,243,692	48	(60,218,440)	(8)

METROPOLITAN CEBU WATER DISTRICT  
DETAILED STATEMENT OF REVENUES AND EXPENSES  
FOR THE CURRENT MONTH AND YEAR TO DATE ENDING DECEMBER 31, 2017

DECEMBER 2016	NOVEMBER 2017	CURRENT MONTH						ITEMS	YEAR TO DATE					
		ACTUAL AMOUNT	% to TOTAL (Actual)	BUDGET AMOUNT	% to TOTAL (Budget)	OVER (UNDER)	BUDGET %		ACTUAL AMOUNT	% to TOTAL (Actual)	BUDGET AMOUNT	% to TOTAL (Budget)	OVER (UNDER)	BUDGET %
2,166,560	1,279,249	(6,795,580)	#DIV/0!	1,646,325	1	(8,441,905)	(513)	Mactan Septage Management Service	7,023,136	1	19,865,229	1	(12,842,094)	(65)
								Septage Treatment Expenses						
								<b>MAINTENANCE DIVISION</b>						
								Maintenance of:						
4,079,142	3,034,981	5,238,220	6	2,616,153	2	2,622,067	100	Power, Production and Equipment	36,257,820	3	34,846,865	2	1,410,955	4
3,752,366	4,383,342	3,150,244	4	4,168,132	4	(1,017,888)	(24)	Transmission and Distribution - South	46,704,770	4	63,235,126	4	(16,530,356)	(26)
4,864,434	4,560,189	3,481,938	4	3,913,294	3	(431,357)	(11)	Transmission and Distribution - North	51,440,564	4	78,133,596	5	(26,693,032)	(34)
3,604,368	3,050,292	(3,024,127)	(4)	3,807,624	3	(6,831,751)	(179)	Meter Maintenance	33,688,276	3	43,324,655	3	(9,636,379)	(22)
(1,231,571)	340,362	293,005	0	330,958	0	(37,953)	(11)	Fabrication Expense	3,725,864	0	8,750,323	1	(5,024,459)	(57)
109,823	976,797	1,317,644	2	383,535	(0)	1,701,179	(444)	General Plant	10,990,832	1	12,697,691	1	(1,706,859)	(13)
1,475,218	2,484,567	1,656,437	2	275,654	0	1,380,784	501	Motorpool	17,892,560	1	22,235,500	1	(4,342,940)	(20)
<u>16,653,781</u>	<u>18,830,530</u>	<u>12,113,361</u>	14	<u>14,728,279</u>	12	<u>(2,614,919)</u>	(18)	Total Maintenance Expenses	<u>200,700,687</u>	16	<u>263,223,756</u>	17	<u>(62,523,069)</u>	(24)
								<b>TECHNICAL SERVICES EXPENSE</b>						
2,963,955	2,820,211	2,273,360	3	785,739	1	1,487,621	189	Engineering Expenses	32,201,270	2	36,902,849	2	(4,701,579)	(13)
1,483,023	1,375,444	946,686	1	1,548,618	1	(601,932)	(39)	Construction Supervision	16,719,134	1	19,901,578	1	(3,182,444)	(16)
2,626,578	2,167,577	1,813,085	2	3,087,198	3	(1,274,113)	(41)	Water Sourcing and Environmental Expenses	24,264,292	2	40,277,820	3	(16,013,528)	(40)
<u>7,073,556</u>	<u>6,363,232</u>	<u>5,033,132</u>	6	<u>5,421,555</u>	5	<u>(388,424)</u>	(7)	Total Technical Services Expenses	<u>73,184,696</u>	6	<u>97,082,247</u>	6	<u>(23,897,551)</u>	(25)
								<b>ADMINISTRATIVE DIVISION</b>						
								Operations:						
1,833,198	1,436,150	1,813,144	2	699,781	1	1,113,363	159	Management Information System Expenses	16,570,133	1	19,160,722	1	(2,590,589)	(14)
944,310	1,001,095	536,886	1	1,559,372	1	(1,022,487)	(66)	Legal Expenses	11,956,663	1	19,983,645	1	(8,026,982)	(40)
1,599,477	1,078,971	605,935	1	1,314,326	1	(708,392)	(54)	Procurement Expenses	10,168,427	1	15,835,207	1	(5,666,780)	(36)
2,744,893	2,718,011	2,883,377	3	4,053,195	3	(1,169,818)	(29)	Administrative and General Salaries	33,232,089	3	45,827,077	3	(12,594,988)	(27)
91,590	108,215	105,417	0	125,780	0	(20,363)	(16)	Overtime and Holiday Pay	1,092,155	0	1,446,029	0	(353,874)	(24)
322,650	339,776	337,291	0	519,193	0	(181,902)	(35)	GSIS Premium and ECC	4,100,997	0	6,230,320	0	(2,129,323)	(34)
27,113	26,600	26,250	0	44,175	0	(17,925)	(41)	GSIS Medicare	319,488	0	530,100	0	(210,613)	(40)
8,400	8,100	8,100	0	11,500	0	(3,400)	(30)	Pag-ibig Contributions	97,600	0	138,000	0	(40,400)	(29)
(1,884,219)	3,560,165	(1,280,964)	(1)	3,354,418	3	(4,635,382)	(138)	Employees Pensions and Benefits	36,707,145	3	47,684,403	3	(10,977,258)	(23)
2,229,054	894,013	2,127,863	2	1,277,000	1	850,863	67	Medical Plan	13,435,948	1	15,324,000	1	(1,888,052)	(12)
	1,647,151	2,437,853	#DIV/0!	719,307	1	1,718,546	239	Retirement Benefits	20,556,514	2	14,378,439	1	6,178,075	43
27,000	27,000	15,000	0	27,000	0	(12,000)	(44)	Professional Fees	285,000	0	324,000	0	(39,000)	(12)
4,172,485	5,093,426	1,769,093	2	4,174,784	4	(2,405,692)	(58)	Other Outside Services Employed	39,701,205	3	48,627,983	3	(8,926,778)	(18)
181,030	161,133	161,133	0	208,333	0	(47,200)	(23)	Insurance Expenses	2,093,812	0	2,500,000	0	(406,188)	(16)
50,982	23,227	38,617	0	60,950	0	(22,333)	(37)	Office Supplies	748,734	0	1,511,752	0	(763,017)	(50)
489,772	21,280	463,534	1	87,000	0	376,534	433	Communications	2,971,522	0	3,087,000	0	(115,478)	(4)
52,287	234,903	80,934	0	515,103	0	(434,169)	(84)	Training	2,526,101	0	6,222,006	0	(3,695,905)	(59)
			#DIV/0!	41,667	0	(41,667)	(100)	Gender and Development Program	0	-	500,000	0	(500,000)	(100)
1,143,243	1,132,029	1,221,072	1	376,333	0	844,739	224	Light, Power and Water	13,604,210	1	13,668,000	1	(63,790)	(0)

METROPOLITAN CEBU WATER DISTRICT  
**DETAILED STATEMENT OF REVENUES AND EXPENSES**  
 FOR THE CURRENT MONTH AND YEAR TO DATE ENDING DECEMBER 31, 2017

DECEMBER 2016	NOVEMBER 2017	CURRENT MONTH						ITEMS	YEAR TO DATE					
		ACTUAL AMOUNT	% to TOTAL (Actual)	BUDGET AMOUNT	% to TOTAL (Budget)	OVER (UNDER)	BUDGET %		ACTUAL AMOUNT	% to TOTAL (Actual)	BUDGET AMOUNT	% to TOTAL (Budget)	OVER (UNDER)	BUDGET %
109,650	149,920	195,023	0	47,692	0	147,331	309	Employees Physical Development Expenses	564,016	0	1,105,000	0	(540,984)	(49)
1,571,994	283	22,100	0	225,000	0	(202,900)	(90)	Corporate Social Responsibility	150,026	0	2,700,000	0	(2,549,974)	(94)
281,436	1,294,243	127,102	0	375,100	0	(247,998)	(66)	Directors Fees and Expenses	3,752,963	0	4,688,200	0	(935,237)	(20)
162,738	65,526	58,721	0	136,006	0	(77,286)	(57)	Fuel, Oil and Lubricants	792,926	0	1,632,031	0	(839,104)	(51)
245,300	1,115,094	(12,000)	(0)	416,667	0	(428,667)	(103)	Clothing Allowance	3,170,594	0	5,000,000	0	(1,829,407)	(37)
1,144,671	684,684	1,284,095	1	2,365,550	2	(1,081,455)	(46)	Miscellaneous Administrative and General Expenses	13,161,544	1	19,493,017	1	(6,331,472)	(32)
16,690	227,492	25,801	0	200,000	0	(174,199)	(87)	Travelling Expense	630,761	0	700,000	0	(69,239)	(10)
1,245,717	1,736,094	1,736,094	2	2,077,500	2	(341,406)	(16)	CNA Incentive - Civilian	20,868,407	2	20,805,000	1	63,407	0
0	0	0	-	43,333	0	(43,333)	(100)	Taxes, Licenses and Registration Fees	1,102,169	0	2,000,000	0	(897,831)	(45)
<b>18,811,461</b>	<b>24,804,581</b>	<b>16,787,470</b>	<b>20</b>	<b>25,056,066</b>	<b>21</b>	<b>(8,268,596)</b>	<b>(33)</b>	<b>Total Administrative and General Expenses</b>	<b>254,361,149</b>	<b>20</b>	<b>321,101,929</b>	<b>21</b>	<b>(66,740,781)</b>	<b>(21)</b>

Prepared By:

*Sam*  
**SADE EDELWEISS G. ABARRI**  
 Chief Corporate Accountant

Checked by:

*Sam*  
**LINA Z. ALABRERA**  
 Accounting Department Manager

Noted By:

*Sam*  
**MA. ROWAN TERNEDO**  
 OIC AGM - Finance Group



METROPOLITAN CEBU WATER DISTRICT  
CASH FLOW STATEMENT  
FOR THE CURRENT MONTH AND YEAR TO DATE ENDING DECEMBER 31, 2017

	NOVEMBER 2017	CURRENT MONTH			YEAR TO DATE		
		ACTUAL	BUDGET	OVER (UNDER) BUDGET	ACTUAL	BUDGET	OVER (UNDER) BUDGET
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>							
Cash Inflows							
Water Sales	138,061,938	138,532,787	167,285,041	(28,752,254)	1,669,087,339	1,899,991,395	(230,904,055)
Environmental Fee	1,518,968	1,479,899	1,903,864	(423,965)	18,205,611	21,758,273	(3,552,662)
Other Revenues							
Fines and Penalties	1,012,813	1,076,146	1,044,132	32,014	12,026,692	12,629,719	(603,027)
Water Levy	90,806	14,026	734,442	(720,416)	967,484	8,813,308	(7,845,824)
Other Misc. Non-Operating Revenues	781,301	1,050,110	1,443,086	(382,976)	10,250,035	17,317,034	(7,067,000)
Other Cash Receipts:							
Customer Deposit	9,157,332	9,606,843	1,769,000	7,837,843	77,750,807	21,228,000	56,522,807
Payment of Serv Connection Cost	4,649,420	4,895,847	4,584,000	311,847	72,929,258	55,008,000	17,921,258
Refund of Employees Advances	171,584	193,221	183,197	10,024	834,905	2,198,362	(1,363,458)
Special Deposit for Bidder's Bond	657,994	-	122,132	(122,132)	2,352,158	1,465,586	886,573
Others	7,164,387	1,006,916	829,767	177,149	14,257,199	9,957,209	4,299,990
<b>Total Cash Inflow</b>	<b>163,266,544</b>	<b>157,865,797</b>	<b>179,898,662</b>	<b>(22,032,865)</b>	<b>1,878,661,489</b>	<b>2,050,366,886</b>	<b>(171,705,396)</b>
Cash Outflow							
Personnel Cost	(59,315,241)	(57,950,795)	(43,161,536)	(14,789,259)	(484,520,160)	(528,368,426)	43,848,266
Purchased Water	(64,420,235)	(5,731,108)	(42,024,772)	36,293,664	(469,096,409)	(504,297,266)	35,200,856
Chemicals	(249,384)	(112,212)	1,617,605	(1,729,817)	(8,111,889)	(7,775,952)	(335,938)
Power/Fuel for Production	(13,396,452)	(5,552,782)	(5,921,700)	368,977	(79,821,399)	(71,061,118)	(8,760,281)
Fuel for Maintenance	(406,933)	(148,179)	(856,381)	708,202	(6,608,599)	(6,456,775)	(151,824)
Maintenance of Materials	(8,302,978)	(2,874,071)	(1,634,875)	(1,239,196)	(70,246,728)	(122,878,424)	52,631,696
Training Expenses	(48,528)	(146,733)	(516,330)	369,597	(2,084,492)	(6,147,134)	4,062,642
Office Supplies	(313,039)	(22,210)	(381,906)	359,696	(3,611,135)	(4,582,875)	971,740
Other Operating Expenses	(16,147,202)	(8,006,186)	(6,573,982)	(1,432,204)	(102,279,850)	(134,706,464)	32,426,614
Local Government Revenue Share	(2,092,222)	229,651	(805,032)	1,034,683	(9,504,216)	(10,757,166)	1,252,951
VAT/Excise Tax Payment/Franchise Tax	(14,446,696)	(13,032,685)	(15,167,677)	2,134,993	(147,460,994)	(166,130,391)	18,669,396
Others Cash Disbursements	(331,038)	3,763	(805,734)	809,498	(3,731,822)	(9,668,816)	5,936,994
<b>Total Cash Outflow</b>	<b>(179,469,929)</b>	<b>(93,343,547)</b>	<b>(116,232,380)</b>	<b>22,888,833</b>	<b>(1,387,077,696)</b>	<b>(1,572,830,807)</b>	<b>185,753,112</b>
<b>Net Cash Provided by (Used in) Operating Acti</b>	<b>(16,203,384)</b>	<b>64,522,250</b>	<b>63,666,283</b>	<b>855,968</b>	<b>491,583,793</b>	<b>477,536,079</b>	<b>14,047,714</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>							
Cash Inflows							
Escrow Fund - DBP	2,337,514	-	2,469,081	(2,469,081)	25,584,476	29,603,342	(4,018,866)
Interest Income	1,073,327	544,314	944,499	(400,185)	9,452,794	11,333,987	(1,881,192)
<b>Total Cash Inflows</b>	<b>3,410,841</b>	<b>544,314</b>	<b>3,413,580</b>	<b>(2,869,266)</b>	<b>35,037,270</b>	<b>40,937,328</b>	<b>(5,900,058)</b>
Cash Outflows							
Purchased Equipment	(6,161,063)	(499,884)	(4,630,000)	4,130,116	(93,671,387)	(174,466,115)	80,794,728
Construction of Projects	(9,981,808)	(25,953,076)	(20,950,691)	(5,002,385)	(258,295,459)	(588,713,724)	330,418,265
Fund Transfer - from Temporary Investment to Special Deposit as security for the Customer Deposits Liability Account					(200,000,000)		
<b>Total Cash Outflows</b>	<b>(16,142,871)</b>	<b>(26,452,960)</b>	<b>(25,580,691)</b>	<b>(872,269)</b>	<b>(551,966,846)</b>	<b>(763,179,839)</b>	<b>411,212,993</b>
<b>Net Cash Provided by (Used in) Investing Activ</b>	<b>(12,732,030)</b>	<b>(25,908,646)</b>	<b>(22,167,111)</b>	<b>(3,741,535)</b>	<b>(516,929,576)</b>	<b>(722,242,511)</b>	<b>405,312,935</b>
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>							
Cash Inflows							
Proceeds of the Loans and Grants	-	240,317,632	-	240,317,632	261,915,138	-	261,915,138
<b>Total Cash Inflows</b>	<b>-</b>	<b>240,317,632</b>	<b>-</b>	<b>240,317,632</b>	<b>261,915,138</b>	<b>-</b>	<b>261,915,138</b>
Cash Outflows							
Payment of DBP Loan Amortization (Principal+Interest)	(14,146,520)	(12,229,455)	(14,157,432)	1,927,977	(167,700,446)	(169,889,184)	2,188,738
<b>Total Cash Outflows</b>	<b>(14,146,520)</b>	<b>(12,229,455)</b>	<b>(14,157,432)</b>	<b>1,927,977</b>	<b>(167,700,446)</b>	<b>(169,889,184)</b>	<b>2,188,738</b>
<b>Net Cash Provided by (Used in) Financing Acti</b>	<b>(14,146,520)</b>	<b>228,088,177</b>	<b>(14,157,432)</b>	<b>242,245,609</b>	<b>94,214,693</b>	<b>(169,889,184)</b>	<b>264,103,877</b>
<b>Net Cash Inflow (Outflow)</b>	<b>(43,081,934)</b>	<b>266,701,761</b>	<b>27,341,740</b>	<b>239,360,042</b>	<b>68,868,909</b>	<b>(414,595,616)</b>	<b>483,464,526</b>
Add: Beginning Balance	1,094,500,963	1,051,419,029	636,342,872	415,076,157	1,249,251,901	1,078,280,228	170,971,673
Outstanding Checks (net)							
<b>Cash Balance End</b>	<b>1,051,419,029</b>	<b>1,318,120,811</b>	<b>663,684,612</b>	<b>654,436,199</b>	<b>1,318,120,811</b>	<b>663,684,612</b>	<b>654,436,199</b>

METROPOLITAN CEBU WATER DISTRICT  
**CASH FLOW STATEMENT**  
 FOR THE CURRENT MONTH AND YEAR TO DATE ENDING DECEMBER 31, 2017

Accounted for as Follows:

Cash in Bank

PENBANK - Pajo Lapulapu	P
PENBANK - Punta Princesa	
Queenbank	
WealthBank - Carbon	
Wealthbank- Ayala	
East West Banking Corp.-Archbishop Reyes	
WealthBank - Mandaue	
PENBANK - A. S. Fortuna	
East West Banking Corp. -Escario	
East West Bank- Magallanes	
East West Bank- Mandaue	
Banco Rural de Isla Cordova	
Banco de Oro- Escario	
Banco de Oro - Fuente	
Banco de Oro - Mandaue (Savemore Mactan)	
Banco de Oro - EMall (Savemore)	
Banco de Oro - Fuente Branch (Guadalupe)	
Banco de Oro - SM Branch	
Banco de Oro - Mandaue (PPC Consolacion / Liloan)	
Banco de Oro - Post Office (Mandaue/Talisay)	
Banco de Oro - SM Hypermarket	
Banco de Oro - SM Consolacion	
Banco de Oro - Global Pinoy	
Banco de Oro - Mandaue (Savemore Maguikay & Canduman)	
Banco de Oro - Mandaue Branch (Savemore Insular Square)	
Banco de Oro - Mandaue Branch (Philpost - Lapulapu)	
Wealth Bank - Mango	
LBP - Plaza	
LBP (Dollar Account)	
Merchants Bank- M. Velez	
DBP - D'Family Park	
DBP (Current)	
Postal Bank	
LBP- One Treasury System	
Landbank - BIR	
DBP-Post Office Cebu City/Man. City	
DBP-EC Pay	
DBP-CIS Bayad Center	
ASPAC - Consolacion Branch	
DBP-MH Lhuillier (Online)	
DBP-MH Lhuillier (Offline)	
BDO-Email (City Mall Conso and N. Bacalso)	
DBP- (Pag-ibig, GSIS, Philhealth)	
Total	

Undeposited Collection

Temporary Investments

Other Cash Items

Total

NOVEMBER  
2017

CURRENT  
MONTH

146,819	222,178
132,893	322,635
0	0
1,084,458	1,226,850
370,413	512,364
126,554	160,202
255,491	262,433
180,985	157,701
0	0
0	0
0	0
0	0
2,530,585	3,455,392
0	0
1,442,027	1,574,505
2,089,115	3,475,372
620,842	1,244,919
1,368,071	2,866,447
50,011	50,190
152,174	253,509
1,557,881	1,510,846
828,893	1,367,295
55,191	52,438
438,992	666,090
347,519	371,031
50,170	50,179
316,988	381,539
78,388,730	85,641,640
7,172,612	7,112,132
1,332,472	1,332,472
7,765,966	7,638,106
115,847,109	364,858,972
39,138	32,245
80,985	-204,019
32,343	32,350
136,972	114,869
5,895,311	9,089,769
3,927,557	26,816
405,610	467,689
229,037	511,326
50,168	50,178
131,711	207,691
147	164
235,581,942	497,096,515
814,902,688	4,720,897
934,400	815,368,999
934,400	934,400
1,051,419,029	1,318,120,811

Prepared By:

SADE EDELWEISS G. ABARRI  
 Chief Corporate Accountant

Checked By:

LIAN B. BALBUENA  
 Accounting Department Manager

Noted By:

MA. ROWAN TENEDO  
 OIC AGM - Finance Group



Metropolitan Cebu Water District  
**STATEMENT OF FINANCIAL POSITION**  
As of DECEMBER 31, 2017

ASSETS AND OTHER DEBITS	NOVEMBER 2017	CURRENT MONTH	% to Total
<b>Utility Plant in Service</b>			
Utility Plant In Service	4,199,526,128	4,108,373,174.21	92.94
Less: Accumulated Prov. For Depreciation	(2,991,394,666)	- 2,873,160,912.45	(65.00)
Total Utility Plant in Service	1,208,131,461	1,235,212,261.76	27.94
<b>Land</b>			
Turned Over from OWS	14,794,450	14,794,449.69	
Acquired	331,736,825	366,488,821.44	
<b>Construction Work in Progress</b>	587,885,348	594,873,836.59	8.63
<b>Net Utility Plant</b>	2,142,548,084	2,211,369,369.48	13.46
			22.08
<b>Current Assets</b>			
Cash on Hand		4,720,897.06	
Cash in Bank	235,581,942	497,096,514.99	11.25
Temporary Investment	737,878,249	738,344,559.49	16.70
Other Cash Items	934,400	934,400.00	0.02
Accounts Receivable - Customers	288,511,411	297,506,830.60	6.73
Allowance for Bad Debts	(10,276,406)	- 10,858,999.32	(0.25)
Suspense Account	(25,446)	- 10,751.53	(0.00)
Materials and Supplies Inventory	241,528,807	233,276,532.02	5.28
Interest Receivable	1,562,896	1,764,619.85	0.04
Total	1,495,695,852	1,762,774,603.16	39.88
<b>Other Assets</b>			
Sinking Fund	77,024,439	77,024,439.03	1.74
Investment Property - net	25,530,373	25,431,033.39	0.58
Investment - PLDT	86,530	86,530.00	0.00
Special Deposits	224,617,080	224,862,330.19	5.09
Advances to Officers and Employees	2,980,635	1,087,824.55	0.02
Accounts Receivable - Others	38,093,475	38,026,811.77	0.86
Prepayments	33,005,315	32,205,528.51	0.73
Other Current Assets and Deferred Debits	8,397,850	8,400,274.55	0.19
Other Deferred Debits	4,166,768	2,021,525.44	0.05
Unamortized Portion of Pension Benefits	41,003,830	37,148,852.50	0.84
Preliminary Survey & Investigation Charges	0	-	-
Franchise Tax Receivable	0	-	-
Input Tax (12%)	(4,009)	25,826.61	0.00
Total	454,902,286	446,320,976.54	10.10
<b>Total Assets and Other Debits</b>	<b>4,093,146,223</b>	<b>4,420,464,949.18</b>	<b>100.00</b>



Metropolitan Cebu Water District  
**STATEMENT OF FINANCIAL POSITION**  
As of DECEMBER 31, 2017

<u>LIABILITIES AND OTHER CREDITS</u>	<u>NOVEMBER 2017</u>	<u>CURRENT MONTH</u>	<u>% to Total</u>
<b>Capital</b>			
Donated Capital	12,888,650	12,888,650.25	0.29
Retained Earnings	2,566,271,501	2,645,923,416.42	59.86
Revaluation Increment in Property	183,367,770	218,119,766.38	4.93
Total	<u>2,762,527,921</u>	<u>2,876,931,833.05</u>	<u>65.08</u>
<b>Long - Term Debt</b>			
Loans Payable - DBP	419,039,231	540,880,053.25	12.24
<b>Current and Accrued Liabilities</b>			
Vouchers Payable	46,019,882	59,529,790.10	1.35
Accrued Light and Power	18,073,913	18,268,046.01	0.41
Accrued Purchased Water	52,139,282	540,261.36	0.01
Current Portion of Long Term Debt	9,556,708	118,476,809.59	2.68
GSIS Accounts Payable	1,899,117	1,878,541.84	0.04
Pag-ibig Contribution Payable	99,265	98,398.93	0.00
Customers Deposit	317,462,771	326,614,030.99	7.39
Medicare Payable	353,763	351,012.50	0.01
Withholding Tax Payable	12,924,129	10,275,749.61	0.23
Creditable Withholding tax	(5,099,443)	5,522,859.20	(0.12)
Retention Payable	24,725,938	24,805,273.22	0.56
Other Current and Accrued Liabilities	75,586,135	93,161,157.27	2.11
Unearned Revenue	-	-	-
Accrued Income	-	-	-
Total	<u>553,741,461</u>	<u>648,476,212.22</u>	<u>14.67</u>
<b>Other Credits</b>			
Other Deferred Credits	22,478,534	22,578,533.80	0.51
Other Operating Reserves	221,640,831	217,471,800.58	4.92
Accounts Payable - Others	78,685,420	79,091,264.41	1.79
Income Tax Payable	3,603,051	3,603,051.00	0.08
Deferred Income	31,429,776	31,432,200.87	0.71
Total	<u>357,837,611</u>	<u>354,176,850.66</u>	<u>8.01</u>
<b>Total Liabilities and Other Credits</b>	<u><b>4,093,146,223</b></u>	<u><b>4,420,464,949.18</b></u>	<u><b>100.00</b></u>

0

Prepared By:

  
**SADE EDELWEISS G. ABARRI**  
Chief Corporate Accountant

Checked By:

  
**LIANG BALBUENA**  
Accounting Department Manager

Noted By:

  
**MA. ROWAN TEÑEDO**  
OIC AGM - Finance Group



**METROPOLITAN CEBU WATER DISTRICT  
FINANCIAL HIGHLIGHTS  
FOR THE CURRENT MONTH AND YEAR TO DATE ENDING DECEMBER 31, 2017**

	CURRENT MONTH		YEAR TO DATE	
	ACTUAL	BUDGET	ACTUAL	BUDGET
<b>FINANCIAL OPERATING RESULTS</b>				
OPERATING REVENUES	145,617,383	171,607,190	1,687,762,121	1,898,590,667
Operating Expenses	94,400,743	130,235,515	1,398,928,794	1,675,974,540
Utility Operating Income	51,216,640	41,371,675	288,833,326	222,616,127
Net Other Income (Deductions)	-1,423,155	-303,144	-7,641,196	-5,534,091
Net Income (Loss)	49,793,484	40,981,532	280,444,700	216,038,044
Amount per Cubic Meter billed:				
Operating Revenue	27.90	28.40	27.71	28.36
Operating Expenses	18.09	21.55	22.97	25.03
Net Income (Loss)	9.54	6.78	4.60	3.23
Production and Distribution cost per cu. m. produced	8.52	9.42	9.41	10.23
Net Cash Increase (Decrease)	266,701,781	27,341,740	68,868,909	-414,595,616
Debit to Payroll Clearing Account	15,575,707		198,339,083	
<b>FINANCIAL CONDITIONS</b>				
Total Assets			4,420,464,949	
Total Utility Plant (Net of Depreciation)			2,211,369,369	
Retained Earnings			-2,873,160,912	
Total Capital			2,876,931,833	
Long-term Debt			540,880,053	
Percent of Long-term Debt to Net Utility Plant			24.46%	
Debt / Equity Ratio			.44:1	
Current Ratio			2.72:1	
Asset Turn Over Ratio			.38:1	
<b>OTHERS</b>				
Collection:				
Collection of Water Billing-For Current Month's billings	88,588,196		1,053,224,396	
-For arrears-this year	46,230,014		493,902,191	
-For arrears-last year	179,287		79,129,692	
Customer Accounts - Balance at the end of the period			286,647,831	
Capital Expenditures	26,452,960	25,580,691	351,966,846	763,179,839

