

THE FLOW

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Official Monthly Newsletter of the Sorsogon City Water District

Primewater troubleshoots San Pascual submersible pump, motor

by: Alpha Mae C. Ditan

Repair and maintenance works on submersible pump and motor were conducted by Primewater-Sorsogon City at San Pascual Pumping Station, Brgy. San Pascual, Bacon District last Jun. 16-17.

Low pressure to no water supply advisory was released by SCWD via its text blast application to affected

concessionaires of barangays Bogña, Caricaran, Poblacion and San Pascual because of control panel issues which occurred during pump operations in the early morning of Jun. 16.

By nighttime, PrimeWater-Sorsogon City Operations and Maintenance Team Leader Engr. Jerome J. Buen and Water Resources Team Leader Engr. Florenz Marc G. Bermundo led plumbers and pump operators in the pull-out of the San Pascual well assembly.

The re-installation of well assembly, riser pipes and a new 15 hp submersible pump and motor at San Pascual Pumping Station was completed by dawn of Jun. 17.

Before noontime, emergency repair and maintenance works were completed and normal pump operations and water supply resumed. SCWD consequently

informed the affected concessionaires of the activity completion and water supply resumption via text blast and the SCWD Facebook page.

PrimeWater learned of abnormal pump operations as a result of regular assessment of pump controls and other electro-mechanical components of SCWD's pumping stations presently operated and maintained by them.

It would be remembered that last May 2, repair and rehabilitation work of the DMI65 tank and installation of ABS filters with stainless screens were also completed at the San Pascual Pumping Station to improve its water quality.



SCWD joins 43rd PAWD national convention

by: Renee Rose T. Anagon

The SCWD Board of Directors and Management joined the 43rd Philippine Association of Water Districts National Convention hosted by the Metropolitan Cebu Water District at the Waterfront Cebu City Hotel and Casino, Cebu City on Jun. 15-17 where SCWD's monthly newsletter "The Flow" was recognized anew.

Over 2400 officers and employees from different water districts; guests from the government and

private entities; and exhibitors from the water and wastewater industry attended the face-to-face convention, after two years of virtual conference due to the COVID-19 pandemic restrictions.

This year's theme "Water Governance Towards Building a Better Normal" aimed to help improve the management and operation of WDs while easing into a new and better normal. **CONT'D. ON PAGE 3**





PRIMEWATER PERSONNEL GEORGE R. BARLONGAY, ENRICO JANABAN, NOEL M. MARANO, SERGIO F. FORTES AND JONNEL JIMENA INSTALLING AN ADDITIONAL FIRE HYDRANT AT PHASE III LAST JUNE 10 IN PREPARATION FOR OPLAN LINIS TUBO ACTIVITIES NEXT MONTH.

PrimeWater tweaks Seabreeze Homes Subdivision water system

by: Engr. Alejandro L. Alama

Ahead of the proposed Oplan Linis Tubo activities next month at one of Sorsogon City's largest subdivisions, PrimeWater-Sorsogon City improved the water system of Seabreeze Homes Subdivision, Brgy. Cabid-an through a series of adjustments this month.

On Jun. 10, PrimeWater completed the installation of a hydrant at Phase III to serve as an additional flushing point during regular and scheduled systems repair and maintenance activities.

On June 24, PrimeWater interconnected the newly-laid 4-inch diameter, 120-linear meter distribution line to the 4-inch distribution line along National Highway, Brgy. Cabid-an near Shell Gas Station and the existing Seabreeze Homes water system to augment the supply for Phase III.

Pavements affected by pipelaying, tapping and interconnection works were also restored.

Prior the water supply improvement activities, Phase I, Phase II and Phase III of Seabreeze Homes were supplied mainly by the 4-inch diameter and 6-inch diameter mainlines at the subdivision's main entrance fronting the National Grid Corporation of the Philippines (NGCP) sub-station.

On June 27, PrimeWater interconnected the two water mains and

installed an additional isolation valve to manage the water supply to the three areas of the subdivision with more than 600 connections.

Installation of a 4-inch diameter and 6-inch diameter additional isolation valves between Phase II and Phase III were completed on June 23 and June 30, respectively.

These new inter-connections and appurtenances allowed PrimeWater to supply Phase III, with 278 connections, using its new distribution line near Shell Gas Station while Phase I and Phase II, will be supplied by the existing mainlines at the subdivision entrance.

In a coordination meeting with PrimeWater-Sorsogon City engineers led by Branch Manager Engr. Ronel Roger S. Pereyra last Jun. 20, SCWD IGM Engr. Eduardo P. Tejada emphasized that the Oplan Linis Tubo activities not only improves water quality in key areas but also allows SCWD and PrimeWater to implement systems adjustment which would ultimately result to improved water supply.

SCWD and PrimeWater-Sorsogon City coordinated all activities with Cabid-an Punong Barangay Ruperto B. Yco, Seabreeze Homeowners Association president Arsenio C. Chavez and the Sorsogon First District Engineering Office of the Department of Public Works and Highways (DPWH).

SCWD presents disaster plan to CDRRMC amid Bulusan Volcano phreatic eruption

by: Annabelle V. Ancheta

SCWD, one of the council members of the Sorsogon City Disaster Risk Reduction and Management Council, presented its disaster risk reduction and management (DRRM) plan during the 2nd Quarter CDRRMC meeting on Jun. 24 as contained in its ISO 9001:2015-aligned Procedures and Work Instructions Manual amid the two successive phreatic eruptions of the Bulusan Volcano on Jun. 5 and Jun. 12.

Located approximately 30 kilometers away from Bulusan Volcano, SCWD informed the council of its DRRM plan in terms of water supply availability for Sorsogon City before, during and after volcanic eruptions wherein SCWD would initiate pre-positioning of supplies, manpower and equipment in the event of 50 recorded volcanic earthquakes at Bulusan

Volcano as reported by the Philippine Institute of Volcanology and Siesmology.

The PAWIM outlined SCWD's preparedness, response and recovery efforts together with its system operator PrimeWater-Sorsogon City and bulk water supplier Abejo Waters Corp. It identified possible courses of action during post-disaster recovery which will ensure sufficient, sustained and safe water supply after a disaster or natural calamity such as typhoon, flooding, landslide, earthquake and volcanic eruption.

SCWD IGM Engr. Eduardo P. Tejada advised the council that in the event of a volcanic eruption, all SCWD surface water and spring water sources shall not be utilized temporarily as these are most vulnerable to volcanic ash. All deepwells, however, shall remain operational.

Restrictions on the use of surface water and spring sources shall be lifted once physical and chemical analysis of water samples indicate compliance the parameters set by the 2017 Philippine National Standards for Drinking Water.

As part of its plan, he presented to OIC-CDRRMO Luisito H. Mendoza the updated locations of fire hydrants within Sorsogon City.

The same location map – integral in fire suppression activities

and flushing and de-silting activities in the event of another phreatic eruption – was furnished to the Bureau of Fire Protection-Sorsogon City Fire Station headed by City Fire Marshal Sr. Insp. Dan Romulo A. Caceres on Jun. 27.

IGM Tejada also requested during the meeting that restoration of three-phase power supply at PrimeWater and AWC water supply facilities be given preferential attention by the Sorsogon Electric Cooperative II to ensure its uninterrupted operation and to cater to the water needs of the concessionaires during post-disaster recovery.

He, however, assured the council that all PrimeWater and AWC facilities have stand-by generator sets at its water facilities for continuous operations even during and immediately after disasters.



SCWD IGM TEJADA TURNS OVER THE UPDATED LOCATION MAP OF FIRE HYDRANTS TO SORSOGON CITY OIC CDRRMO LUISITO H. MENDOZA LAST JUNE 24. BACKGROUND PHOTO SHOWING BULUSAN VOLCANO'S PHREATIC ERUPTION AS SEEN FROM ROMPEEOLAS, BRGY. TALISAY, SORSOGON CITY LAST JUNE 12.

SCWD joins 43rd PAWD national convention

(Continuation from Page 1)

by: Renee Rose T. Anagon



SCWD and PrimeWater, together with partners, during the World Environment Day bamboo planting activities at Anahaw Filtration Basin, Brgy. Macabog last June 4.

BAMBOO

by: ENGR. EDUARDO P. TEJADA
Interim General Manager

Bamboo is one of the most important renewable non-wood forest resources. It is a giant woody grass that grows rapidly than trees with a rate of as much as one meter per day on some species with a wide distribution in the country. It is a high-yielding renewable biological resource with over 80 species in the Philippines.

The potentials of bamboo for poverty alleviation, environmental protection, climate change mitigation and disaster risk reduction have been recognized by international and national experts. In the Philippines bamboo has long been part of its socio-cultural traditions. Indigenous knowledge on the production and use of bamboo in farming, household and small/community processing and other enterprises is quite unique and appreciated in ASEAN region. Improved knowledge on propagation and production from plantation development, harvesting and post-harvesting practices have not been adopted fully by the community. Thus, production of high quality bamboo and products is still quite insignificant.

Bamboo is said to be one of the most neglected solution to water crisis. One hectare of bamboo forest can store over 30,000 liters of water in its culms, which gradually deposited back in the soil during dry season. Massive planting of bamboo could be an alternative to large-scale dams. A large dam would take at least three years to build, displace communities, and leave us heavily indebted. With bamboo stands in as many areas as possible, groundwater supply would increase and be easily tapped from small water-impounding dams, shallow tube wells, water system, irrigation canals and the like.

Bamboo also protects the atmosphere. One hectare of bamboo forest can sequester 62 tons of carbon dioxide (CO2) per year and releases 34% more oxygen (O2) than equivalent stand of trees. It is also said to be an erosion control agent. The roots and rhizomes of bamboo clump hold the soil together and minimize soil erosion.

Having considered the benefits of bamboo, the Sorsogon City Water District together with its partners will embark on another ambitious program dubbed as Para sa Kalikasan, Para sa Kabuhayan. It is considered as part of the District's Corporate Social Responsibility Program aimed not only for the environment and its subsequent benefits to water supply but also to promote another industry in the city that will generate livelihood for many.

SCWD Board Chairperson Charles Clemente III, Vice Chairperson Rachel Bella G. Jao, Board Sec. Nancy L. Valdez, Dir. Rev. Fr. Philippe Andrew B. Gallanosa and Dir. Engr. Jonathan G. Fortades, together with the Management IGM Engr. Eduardo P. Tejada and Minutes Agenda Officer Renee Rose T. Anagon, participated in the different activities during the three-day convention.

officers, technical sessions and product presentations and fellowship night were conducted on Jun. 16.

Learning sessions, awarding ceremony and induction of officers were done on Jun. 17. The new elected PAWD president is GM Manolito Mendoza of Talisay Water District in Negros Occidental while the new elected PAWD Chairperson

is Chairman Jose Mabulay Jr. of Catbalogan Water District in Samar.

SCWD bagged third place for the 2021 Best Publication-Newsletter Category for its monthly newsletter "The Flow" and the plaque was received by the Chairperson Clemente and IGM Tejada during the awarding ceremony.

"The Flow" is the official monthly newsletter of the SCWD Public Relations Group. It was previously recognized by PAWD as third place for best publication award during the 41st PAWD national convention in 2019 and first place during the 41st PAWD National Convention in 2020.

Metro Kidapawan Water District's "Tubig Updates" ranked second while the Metropolitan Naga Water District's "Bulos" ranked first in this year's best publication award.

These were: LWUA-Water District Dialogue in cooperation with the Local Water Utilities Administration; Well Development and Groundwater Management Seminar in cooperation with LWUA, Maynilad Water Academy, Philippine Capacity Building Network; and Workplace Productivity Talk with GM Ester R. Paluga of Valencia City Water District on Jun. 15.

The opening program, general assembly, election of new PAWD



SCWD CHAIRMAN CLEMENTE III AND SCWD IGM TEJADA RECEIVING THE THIRD BEST NEWSLETTER AWARD FOR "THE FLOW" LAST JUNE 17.

SCWD, PrimeWater, AWC showcase partnership in festival float

by: Riza A. de Jesus

After a two-year hiatus due to the COVID-19 pandemic, SCWD once again showcased its water-inspired festival float together with its partners PrimeWater-Sorsogon City and Abejo Waters Corp.-Sorsogon Bulk Water Supply during the civic-military parade which opened the Sorsogon City 2022 Pili Festival on Jun. 25 at 4 PM.

The float featured a circulating water system supplying a community adorned with pili tree and pili product decorations and carried the theme "Making Our Partnerships Work."

Prior the pandemic, SCWD's floats were must-see attractions

during the annual festivals such as the Kasanggayahan Festival in October and Sosogon Festival in December as it featured flowing water.

The parade for the 2022 Pili Festival, which ran from Jun 25-30, was led by Sorsogon City Mayor Ma. Ester E. Hamor and City Vice Mayor Mark Eric C. Dioneda and all employees of the local government of Sorsogon City.

It ran from Rompeolas, Brgy. Talisay to Balogo Sports Complex, Brgy. Balogo and was participated in by uniformed personnel from the Philippine National Police, Philippine Army, Philippine Coast Guard and Bureau of Fire Protection; street and zumba dancers; drum and lyre corps from different schools; marching bands of the PNP and Sorsogon State University festival floats from schools, private companies,

agencies and all festival activities; and all candidates of the Miss Gay Pili Queen 2022 and Mutya ng Pili Festival 2022 competition.

SCWD employees showed support by attending the parade behind its float while giving candies and chocolates to excited and curious onlookers who watched the parade, the first of its kind in more than two years due to the pandemic.

The parade ended with a program, fireworks display and a thanksgiving concert at the Balogo Sports Complex featuring This Band and Ely Buendia.



PrimeWater targets San Vicente PS energization by July 2022

by: Engr. Alejandro L. Alama and Carl Bruce M. Guantero



SORSOGON CITY
WATER DISTRICT



PrimeWater
SORSOGON CITY

MONITORING HIGHLIGHTS

BELOW ARE THE HIGHLIGHTS OF SCWD'S DAILY WATER QUALITY AND MONTHLY PRESSURE MONITORING ACTIVITIES FOR JUNE 2022, PURSUANT TO THE SCWD-PRIMEWATER JOINT VENTURE AGREEMENT:

Compliance to Chlorine Residual (between 0.3 and 1.5 ppm)

39%

Compliance to Turbidity (at most 5 NTU)

83%

Compliance to Microbiological Quality (Total coliform, Thermotolerant coliform, Heterotrophic plate count)

71%

Compliance to Pressure (at least 7.0 psi)

53%

Average systems pressure

11.87 PSI

PrimeWater-Sorsogon City set along with the Sitio the completion of three-phase power supply for the San Vicente Pumping Station located at Brgy. San Vicente, Bacon District within the month of July.

along with the Sitio Madan-an Pumping Station at Sitio Madan-an, Brgy. Bibincahan in the city's East District. Energization of the Sitio Madan-an PS was completed in 2021 amid the on-going pandemic due to corona virus disease which affected the delivery of poles and other materials to the project site.

Erection of poles along the San Vicente-Buhatan Road commenced on Jun. 20 through PrimeWater contractor Sacredhat Construction and Supply based on the report of PrimeWater-Sorsogon City Branch Manager Engr. Ronel Roger S. Pereyra.

Since 2018, San Vicente PS operated on back-up generator set for 13 hours per day, from 4 AM to 1 PM and 4 PM to 8 PM, and produced an estimated volume of 900 cubic meters per day (cmd) for Brgy. San Vicente and portions of barangays Buhatan, Cabid-an and Balogo.

Other on-going activities based on SCWD's regular monitoring include the construction of assemblies and stringing; guying; and installation and mounting of power line equipment and accessories.

Total project cost is Php 3,399,804.82.

The completion of three-phase power supply for San Vicente PS will provide an additional estimated volume of 750 cmd and reduce its operating cost by three-fold.

San Vicente PS was one of two pumping stations completed by PrimeWater-Sorsogon City in 2018,

Linemen at work at San Vicente as of June 30.

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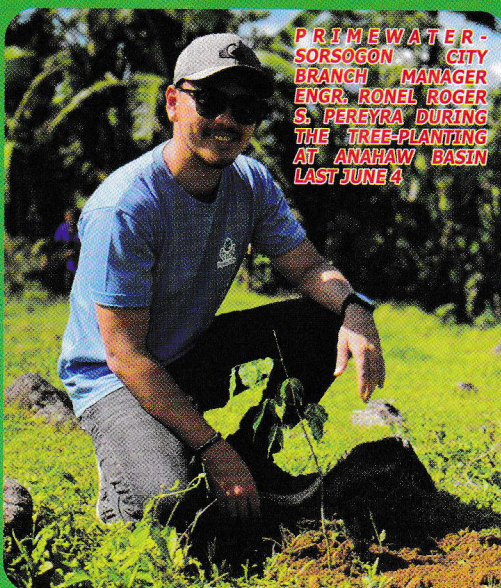
JV-wide tree-planting held for World Environment Day by: Elaine Leith S. Olea

In celebration of 2022 World Environment Day with the theme "Only One Earth" a joint venture-wide simultaneous tree-planting activity was conducted by PrimeWater Infrastructure Corp. in all its branches nationwide last Jun. 4.

PrimeWater Infrastructure Corp.-Sorsogon City Branch, together with its joint venture partner Sorsogon City Water District and with the support and participation of the Provincial Environment and Natural Resources Office/ LGU-Sorsogon Province, City Environment and Natural Resources Office/ LGU-Sorsogon City and manpower service provider R. Abalos Construction Co. planted 160 seedlings of narra and bamboo at the Anahaw Filtration Basin, Sitio Bagong Sirang, Brgy. Macabog.

A short program was made to commence the tree-planting activity led by PrimeWater HR/ Admin team leader Joyen Wirla Gautane.

PrimeWater Customer Service team leader Mila C. Buenaobra gave the opening prayer, followed by the message from SCWD Division Manager Engr. Alejandro L. Alama, as representative of SCWD IGM



Engr. Eduardo P. Tejada wherein he emphasized that SCWD Board, Management and Staff will always support such activities by its JV partner PrimeWater.

CENR Officer Ronando F. Gerona and PENRO personnel Rey Vida focused their messages on global warming and the benefits of planting trees. They also challenged everyone to take part and be the solution, support the government's effort in preserving our environment because we only have one earth.

RACC Regional Manager Annalyn Lagasca expressed her gratitude that they also were invited to be part of this activity. PrimeWater-Sorsogon City Branch Manager Engr. Ronel Roger S. Pereyra thanking everyone for participating in the activity. PrimeWater team leader for water resources Engr. Florenz Marc G. Bermundo, PrimeWater-Sorsogon City Water Resource gave the closing remarks.

In related activities, faculty members of the Sorsogon State University also conducted tree-planting activities within the Macabog Reservoir, Brgy. Macabog in celebration of the Environment Month last Jun. 28 through the assistance of PrimeWater-Sorsogon City and CENRO.