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ANG KALASANGAN DILI LAMANG PAKKAON, KAKAHUYAN, MGA TAMBAL O PANIMALAY...ANG LASANG MAO ANG KINABUHI.



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VISION

**A UNITED, ONE VOICE ASSOCIATION OF
 SURIGAO DEL SUR WATER DISTRICTS**

MISSION

**TO CREATE AN AURA OF ONENESS AMONG WATER
 DISTRICTS IN THE PROVINCE OF SURIGAO DEL SUR**

TANDAG WD explore new sources



Tandag City, Surigao del Sur—Tandag Water District invested on groundwater sources for year 2013. Exploratory drilling was the initial step undertaken in two identified areas within Tandag City at Prk. Agridulce and Prk. Maligaya III in the barangays of Awasian and Rosario, respectively.

Effective January 2013, TWD management opted to consider back the groundwater

after seeing the necessity of reinforcing the supply of its existing water sources. Presently, the District utilized nine different sources, characterized as gravity and groundwater, to supply its 5,590 active concessionaires.

TWD team has attained the desired strata of the Awasian drilling activity with 97 feet depth. Pump test will be conducted to determine the actual quantity of water. And once the drilled area will give off 10 liters per second discharge capacity, it will be subjected to productive drilling. As designed, this will be counted as another source to supply water to the two structures 400 cubic meter ground reservoir at the upper part of Barangay Awasian for Tandag City Poblacion area. Meanwhile, the Rosario exploratory drilling is now 67 feet deep. Whenever, it will similarly yield a positive result, the District planned to construct an elevated tank and will solely cover the southernmost part of the city like the barangays of Mabua and Rosario. This twin exploratory projects projected to cost at Three Hundred Fifty Seven Thousand Pesos (P357,000.00) is funded by administration. Nevertheless, TWD was required to submit data of the activity to Local Water Utilities Administration (LWUA) for further analysis. They also pledged to extend support to the said project especially whenever it will continually give favorable outcome.

PRESIDENT'S MESSAGE



This is the second publication of TINUBDAN since its formation. The aggressiveness of the TINUBDAN EDITORIAL Staff to make this issue a reality is to bring a complete information

To all the concessionaires of SURWADA Members as to the plan and development for the protection

And restoration of watershed, the activities and completed projects, the initiatives and innovations,

In order to maintain the abundant supply of safe and potable water to the consuming public.

Water is life... Use it.. Waste not..

GM WILFREDO G. SANCHEZ

SURWADA

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BCWD holds 2-day strategic planning

Bislig City Water District (BCWD) plans to have an optimistic Fiscal Year (FY) 2014 operations by undertaking Strategic Planning last September 16 - 17, 2013 at the Pensionne La Salle, JBD, Man-gagoy, Bislig City.



More than 35 employees from the Administrative Finance, Commercial and Engineering Departments and Office of the General Manager participated and contributed to the Strategic Planning for FY 2014.

Dr. Nilo H. Calomot facilitated the two-day strategic planning allowing the participants to identify the Strengths, Weaknesses, Opportunities and Threats (SWOT) and strategic goals of each Department.

The workshop allowed the participants to suggest and agree of the priority projects for BCWD to undertake for the betterment of the water services and focus also on the sustainable water supply of Bislig City.

Strategic Goals were formulated aligning to the Vision: A stable Water District providing quality service and sustainable water supply and

Mission: BCWD commits to develop and improve potable water supply and its facilities, rehabilitate and protect watersheds and ensure concessionaire satisfaction and financial viability through the support of a well-trained staff.

SURWADA OFFICERS

Engr. Menillo C. Siega	Bislig City WD	President
Engr. Ruben C. Elpa	Tandag WD	Vice President
Wilfredo G. Sanchez	Liangá WD	Treasurer
Engr. Jose Hilario V. Pandili, Jr.	Hinatuan WD	Secretary
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Lucila R. De La Torre	Madrid WD	Auditor
Segundino B. Buniel	Cantilan WD	Trustee
Engr. Jilberto C. Tupas	Carmen WD	Member

Saltwater intrusion imperils TWD's phase I system



high tide made its way beyond the area of the pumping station per monitoring conducted and the highest level ever recorded since.

The problem was noted as a consequence of the over extraction of sand and gravel near the area of TWD pump station in Brgy. Quezon. Based on data of the District, infiltration gallery of said facility imbedded seven meters below from the water table of Tandag River is almost exposed and drop to a critical level of two meters this year. Meanwhile, coffer dam as well as exploratory drilling was constructed and conducted, respectively as remedial measures to alleviate the said problem. Hon. Governor Johnny T. Pimentel extended assistance by providing equipment during the conduct of the former.

TWD faced the problem, which was further attributed to the man made destruction of forest cover of Tandag River head on. It continually keeps an eye on the implementation of Provincial Ordinance 113-94, prohibiting the quarrying activity one kilometer upstream and downstream from the District facility. More than that, TWD shifted now its focus in developing more groundwater sources to cater the water requirements of Tandag City while it is eyeing to abandon phase I system.

TANDAG CITY, Surigao del Sur – The Tandag Water District (TWD) phase I system is becoming increasingly threatened by the intrusion of saltwater to Tandag River.

This year, the peak of dry season hits Tandag City on months of September to October and Tandag River, source of phase I system has reached at an alarming proportion. TWD's Brgy. Quezon pumping station I set up three kilometers from the mouth of Tandag River was shut off for two days when saline water steadily seeped into the area and worsened during high tide making sup-ply of water undrinkable.

General Manager Ruben C. Elpa explained that problem on saltwater intrusion prevails every during dry sea-son causing reduction of discharge flow of the river. He added that with its decrease in discharge capacity seawater at

LIWAD



Liangá Water District joined the 94th Araw ng Liangá last October 17, 2013. The whole week was celebrated also as "Fish Conservation Week" with a Theme: "Kadyawon ta pagbantay ang santuaryo ng Liangá." The photo background is a Mural Painting done by some selected students as one of the activity during the said celebration .

BISLIG WD expansion program at Bargangay San Antonio



Barangays San Antonio and San Vicente Officials together with the residents met with Bislig City Water District’s (BCWD) Management and Staff last August 11, 2013 2:00 pm at the Brgy. San Antonio Hall and September 29, 2013, 2:00 pm at Brgy. San Vicente open court, Bisig City to discuss the water system and supply in their respective areas.

More than 75 individuals attended the General Assembly headed by Brgy. Cap’t. Ruel Cacayan with his fellow officials to listen and dis-cuss water concerns with BCWD. Present

during the general assem-bly were: General Manager Engr. Menillo C. Siega, MM; Commercial Department Manager Roland S. Sarmiento, DM, Engineering De-partment Manager Engr. Ike R. Escudero, MBA; Water Maintenance General Foreman Asclepio D. De Castro, Jr; Project Planning and Development Officer Engr. Greg Gauden A. Mundiz and Sr. Custom-er Service Officer Francis A. Magada.

While 150 residents attended in Brgy. San Vicente headed by Brgy. Capt. Betinol and the officals. The group discussed the opera-tion of BCWD, water system of Brgys. San Antonio and San Vicente and the benefits of potable water supply.

It was concisely explained to them emphasizing the health and wellbeing of the residents as well as the assurance of a sustaina-ble supply of potable water in the said areas. The activity was also highlighted by the availment of promotional “Free labor and Ma-terials” offered by the Water District to the prospective concessionaires. The Engineering Department is currently evaluating the existing water system of Brgy. San Antonio to ensure that appropriate rehabilitation will be undertaken with the identification of the total cost while also waiting for the Brgy. San Antonio’s Resolution relative to the turnover. They are also currently rehabili-tating the water lines at Brgy. San Vicente through laying of pipes and at the same time accepting application for water service con-nections.

Tandag Water District supports Brigada Eskwela 2013



DEPED spearheads the conduct of annual Brigada Eskwe-la to public schools. This program engages all education stakeholders to contribute their time, effort and re-sources to ensure that public schools are ready for the school opening. This activity also revives Bayanihan and convey the message to the students the importance of community support.

This year, Tandag Water District chose Awasian Elemen-tary School as its beneficiary. On May 25 and 26, TWD employees with GM Ruben C. Elpa and Dir. Ma. Cleofe P. Pimentel gathered at the school premises to do clean-ups like weeding, swept fallen leaves, dusted the class-rooms, etc. and repairs by providing water and toilet facilities to ensure students have a stable and safe supply of drinking water as well as sufficient sanitation. The Dis-trict also provided lightning materials and restored bro-ken jalousies to selected classrooms.

Next year, another school will benefit to this endeavor. Who knows, your school is next.

CWD Proposed project site for Water Reservoir undergone soil bearing test analysis *(Ronelyn K. Pinalba)*



The water reservoir is very important to Carmen Water District (CWD) since concessionaires are increasing its numbers which means more water supplies will be utilized and consumed. To provide continuous water supply to concessionaires without hampering the use of their daily water needs anytime even in peak hours, the district shall construct a 150 cum capacity Ground Bolted Steel Tank located in the proposed project site at Brgy. San Vicente, Carmen Surigao del Sur target end by this year 2013.

Source of funds for the design and construction of water reservoir shall be taken from the second released of Local Water Utilities Administration Non-LWUA Initiated

Funds (LWUA- NILIF) relative to the Level III Water System Project Implementation. Since, water reservoir is essential in the water system, it is further important to investigate the project site where it is to be constructed. So, CWD had requested for a soil bearing capacity test analysis.

The Davao Contractors Development Cooperative (DACODECO) of Davao City conducted the soil bearing capacity test analysis. Geotechnical investigation lasted for six (6) days started from March 20 to March 25, 2013. The scope of the works comprised of routine drilling, sampling and laboratory testing for two (2) boreholes drilled at a final depth of ten and a half (10.50) meters each.

Procedures were systematically executed to obtain the engineering properties of soil materials underlying the site, which shall be used as bases in the analysis and design of foundation elements of 150 cum Ground Bolted Reservoir of CWD.

One month after the investigation, the DACODECO submitted Sresults and recommendations to CWD. Recommendations like



HINATUAN WD booster pump installation

The Hinatuan Water District (HWD) had installed a booster pump and distribution line at Sitio Cantabon, Brgy. Sasa, Hinatuan, Surigao del Sur. This Sitio have a household of not less than 50, the Hinatuan Water District was compelled to install a booster pump and distribution line due to the insistent demand of the residence of the area.

The booster pump is driven by a 2.0 horsepower centrifugal pump which can cater 50 household while the stretch of the distribution line is about 420 meters. The project was completed on March 2013. The residents of Sitio Cantabon were appreciative to the efforts made by HWD

Tagbina Water District



Directors extended their deepest gratitude to all the people behind this project.

“WATER IS LIFE” Our support in the making of this project will be a lifetime commitment. Stressed out by Gov. Jhonny T. Pimentel during the Inauguration of the extension of Water System in Sitio Tagakan, Tagbina, Surigao del Sur. Last July 26, 2012.

This is a priority project of Gov. Jhonny T. Pimentel to provide safe and potable water to all the constituents of Sitio Tagakan, The said project was funded by Governor and with the cooperation of the Barangay officials of Tagbina headed by Brgy. Captain Conception C. Lofranco. The water system installed 2,500 meters pipes connecting from Poblacion to Sitio Tagakan.

Ildefonso C. Albarracin, the Water District Manager together with the board of Directors extended their deepest gratitude to all the people behind this project.

LIANGA Water District

Finally, Lianga Water District Administration Building came to realization though it was only rented. The LGU-Lianga and Lianga Water District entered into a Lease Contract of P 6,000.00 per month for a total floor area of 121.14 square meters. Some improvements to this building were made possible through the efforts and ad-ministration of General Manager Wilfredo G. Sanchez which will benefit the LIWAD concessionaires as well as employees for a work-friendly environment and to render an excellent customer’s service. The Inauguration & Blessing of the said building (above photo) was held last December 6, 2013 which was graced by 1st District’s Congress



Madrid Water District



Madrid Water District has transferred its home to a new office and warehouse building to provide better service through bigger and more comfortable surroundings. This new office is located at Dayoc St., Brgy Quirino, In line with PAWD Memorandum Circular No. 3 which urges water districts to “employ all kinds of efforts to improve water supply and sanitation services by reaching unserved and

Madrid WD Magsaysay Expansion

under-served areas”, Madrid WD, in partnership with local officials of Magsaysay in Madrid, Surigao del Sur, provided residents with additional pipelines to schistosomiasis-prone areas in the barangay. Thirty (30) new concessionaires, as identified by the barangay officials, were given the privilege of paying just P 1,000.00 for their service connection fee in exchange for a motor pump intended for their barangay’s own water system which they have donated to the WD.



Lianga Water District



In spite of busy working days Lianga Water District still find time to celebrate the Family Day last October 4, 2013. Shown in the pictures are the happy faces of LIWAD Employees (top) & Board of Directors with General



REMINESCENCE OF MY PAST DAYS WITH CANTILAN WATER DISTRICT

While I was the Head of the Commerce Department in Saint Michael College in 1989, late Levi M. Azarcon, the municipal Mayor at that time, requested me to form the Cantilan Water District with the assistance of Mr. Marcosito Herrera, his private secretary. Fortunately in May 4, 1990 the Cantilan Water District was issued the Conditional Certificate of Conformance (CCC No. 441) by the Local Water Utilities Administration (LWUA).

In March 31, 1993 I resigned as the Head of the Commerce Department of Saint Michael College in order to devote my time in the preparation for the full implementation of the water

supply system project of the Cantilan Water District. Sometime in June 1993, the water supply project was implemented and was competed in August 1994 but the Cantilan Water District started its operation in September 1994 because late Hon. Levi M. Azarcon requested that the Cantilangnongs be allowed to use water free of charge during the month of Augsut on the occasion of the town fiesta celebration.

In 1996, I applied for the Php. 2Million loan from LWUA for the construction of an elevated stee reservoir because in te first project there was no allocation for a reservoir; however, the loas was granted in te last quarter of 1997. The construction of the elevated steel reservoir was started in the early part of 1998 and it was completed in the early part of 1999. In same year I was also able to ask Php. 500,000 financial assistance from Ho. Prospero “Butch” Pichay, who at that was the Congressman of the Fist District of Surigao del Sur. With that financial assistance, it was able to developed the Malitangtang dug well as augmentation source of Cantilan Water District. All these projects were under the supervision of Engr. Nilo Bataller, the LWUA Resident Manager.

In 2005, I was able to source out a KFW loan from LWUA in the amount of Php. 17 Million for the improvement and rehabilitation of the old facilities of the Cantilan Water District water supply system. During the second year of first term of Congresman Philip A. Pichay because of my desire to provide the Cantilangnons clean potable water and because of his strong intent and sincere desire to help the Cantilangnons by providing clean, hygiene and potable water, the Cantilan Water District was a recipient of an 8 Chamber water purifier from his countryside development fund (CDF).

In 2009, I was able to source out NLIF I financial assistance in the amount of Php. 11 Million for the extension of the pipeline to the waterless barangays of Cantilan. In same year, I was also able to secure the NLIF 2 financial assistance in the amount of Php. 13 Million for the enhancement of the Cantilan Water District. The most visible landmark out of this financial assistance was the the new Cantilan Water District Adminstration building located along Ortiz Street, Pag-antayan, Cantilan, Surigao del Sur, constructed with typical Spanish design. The Cantilan Water District has its own building.

In my stay with the Cantilan Water District as the General Manager, I also become lthe Chairman of the Northern Mindanao Water Information Council (NOMWIC) for two years. In the later part of my second year as NOMWIC chairman, amendment was made in the whole set up and NOMWIC has been transformed into Northern Mindanao Natural Resources Management Council (NORMINRMC) which gives more emphapsis on watershed development. With the transformation of the association into NORMINRMC this association transcended into a non-government organization (NGO).

Gm Segundino B. Buniel
(Ret. General Manager)



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Merry Christmas and Happy New Year.
Greetings from:
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