



Donor Update

Vol. 6 No.4 Oct - Dec 2021

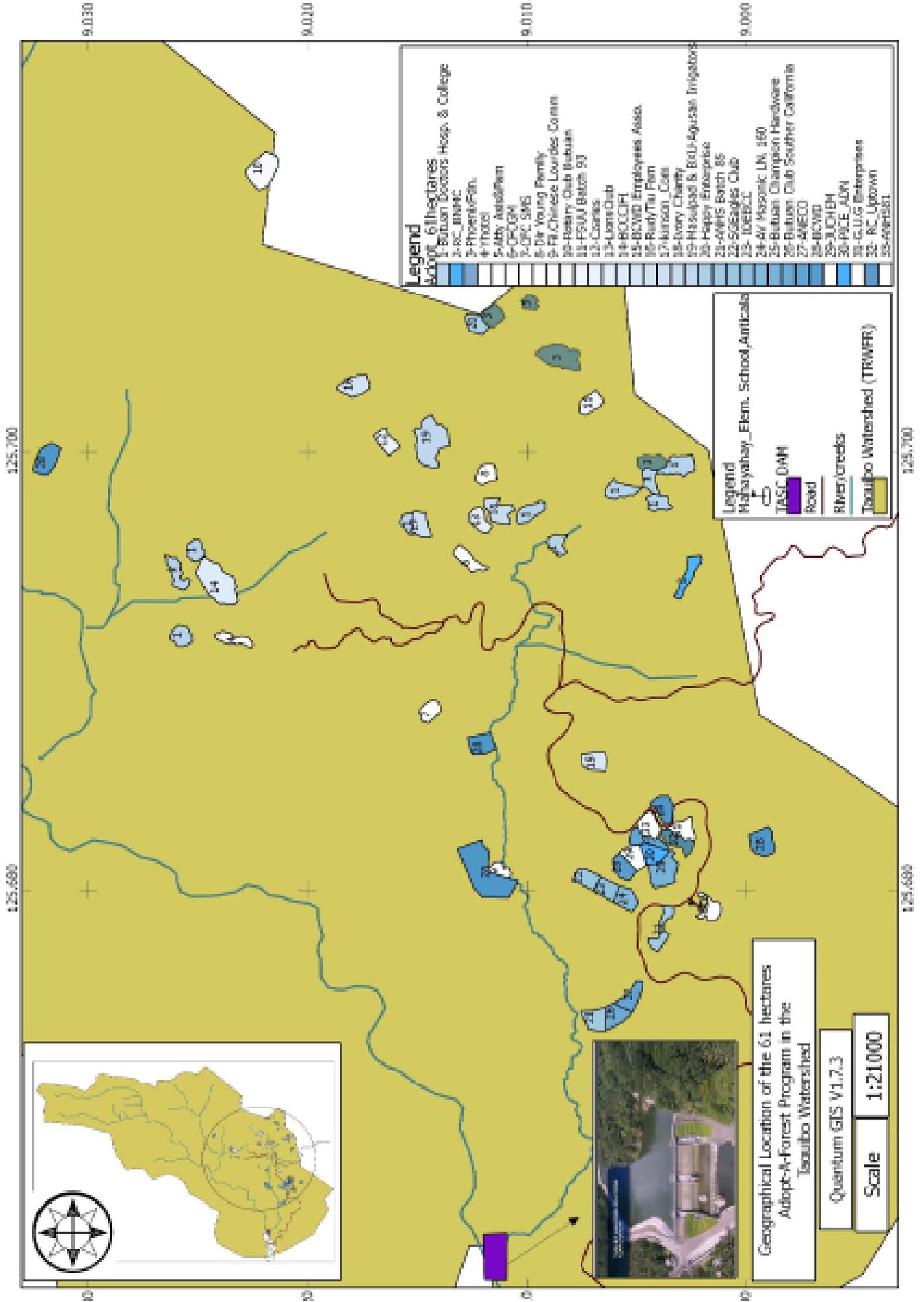
Adopt-a-Forest program

at Taguibo River Watershed
Forest Reserve



butuan water





Legend
Schools 61hectares

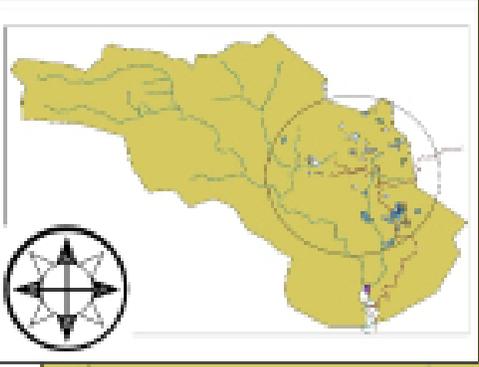
1-Batuan Doctors Hoop & College
2-RC_JHMC
3-PhoenixFdn.
4-Imos
5-Atty. Aristethan
6-DECGM
7-DPC SMS
8-Dtr. Young Family
9-Fr. Chinese Lourdes Comm
10-Hobby Club Batuan
11-PSOU Batch 93
12-Coombis
13-UmsChap
14-BOCOP
15-RCWD Employees Assoc.
16-RudyThu Farm
17-Janson, Cans
18-Ivory Charity
19-Ha Supad & BDU-Agustin Irrigators
20-Happy Enterprise
21-METS Batch 85
22-S2Eagles Club
23-IOEBC
24-AV Mazonic LN. 100
25-Batuan Champion Hardware
26-Batuan Club Southern California
27-AMELO
28-RCWD
29-JULCHEH
30-PRICE_AON
31-Guig Enterprises
32-RC Uptown
33-AMRISB

Legend
 Mahaynahay, Elem. School, Antikals

TASC DAM
Road
RIVER/creeks
Taculboo Watershed (TRWFR)

Geographical Location of the 61 hectares Abuyt-A-Forest Program in the Taculboo Watershed

Quantum GIS V1.7.3
 Scale 1:21000



Donor Update

Dear Donor:

There were only two (2) donors for the Adopt-A-Forest Program for 2021. Thus, in order to complete BCWD's commitment to reforest ten (10) hectares annually in the Taguibo River Watershed Forest Reserve (TRWFR), BCWD implemented eight (8) hectares reforestation project through the Adopt-A-Forest Program using its internal fund. The 8 hectares Adopt-A-Forest Program is wholly funded by BCWD.

Table 1.0 shows the batches of donors according to the date of planting.

Table 1.0 List of Donors according to the date of planting.

Donors	No. of Hectares	Date Planted
BCWD Funded 2021	8	January 2022
ANECO (2 nd Donation)	1	September 2021
ANHS Batch 81	1	July 2021
BCWD Funded 2020	8	December 2020
Uptown Butuan Rotary Club	2	June 2020
G.U.G. Enterprise O.P.C.		
ANECO	4	November - December 2019
PICE Agusan del Norte Chapter		
JUCHEM Enterprises		
BCWD Funded		
ANHS Class 85 (2nd Donation)	2	September 2019
Butuan Club of Southern California		
Southern Gate Eagles Club	4	May 2019
Inter-Office Employees and Business Credit Cooperative		
Agusan Valley Masonic Lodge No. 160		
ANHS Class 85		
Butuan Champion Hardware (Mr. and Mrs. Robert R. Ty)	2	December 2018
C'ZARLES Construction and Supply, Butuan City Chamber of Commerce and Industry Foundation Incorporated (BCCCFI), Butuan City (Host) Lions Club, Rotary Club of Butuan, FSUU-Batch 1993 and Butuan City Water District Employees Association (BEA).	9	May-July 2018
Happy Enterprises, Kimson Commercials & Resources Inc., Rudy Tiu, Ivory Charities Foundation Inc., & Butuan Agusan Farmers Multipurpose Cooperative & Masulbad Irrigators Association	6	October 2017
Couples For Christ (CFC) Global Mission, CFC School of the Morning Star, Mr. Terence Yu / Y Hotel, Dir. Crispin Young & Family, Filipino-Chinese Lourdes Catholic Community and Butuan Doctors Hospital & Colleges Inc.	15	January 2017
Phoenix Philippines Foundation, Inc. and Atty. Jeremiah Asis & Family	6	March – April 2016
Joint Rotary Clubs of Butuan North and Makati Salcedo	1	December 2013
Total	69	

MAINTENANCE ACTIVITY (4th Quarter of 2021)

Table below (Table 2.0) shows the summary result of the maintenance activities of the program for the 4th quarter of 2021.

Table 2.0

Donors	No. of Hectares	Date Planted	Maintenance Activity Conducted	Survival Rate
BCWD Funded 2021	8	January 2022	Completed the site validation on January 7, 2022.	100.00%
ANECO (2 nd Donation)	1	September 2021	Validation of the 1st pass maintenance activity planted on September 2021 was concluded on November 16, 2021.	98.17%
ANHS -Class81	1	July 2021	2 nd pass maintenance activity was concluded on November 16, 2021.	97.50%
BCWD Funded 2020	8	December 2020	6 th pass maintenance activity completed on December 20, 2021	94.38%
Uptown Butuan Rotary Club	2	June 2020	8 th pass maintenance activity completed on December 22, 2021.	96.58 %
G.U.G. Enterprise O.P.C.				
ANECO	4	November - December 2019	Validation of the 10th pass maintenance activity was concluded on December 21, 2021.	96.92%
PICE Agusan del Norte Chapter				
JUCHEM Enterprises				
BCWD Funded				
ANHS Class 85 (2 nd Donation)	2	September 2019	10 th pass maintenance activity was concluded December 19, 2021.	96.75%
Butuan Club of Southern California				
Southern Gate Eagles Club				
Inter-Office Employees and Business Credit Cooperative	4	May 2019	11 th pass maintenance activity was concluded December 23, 2021.	97.63%
Agusan Valley Masonic Lodge No. 160				
ANHS Class 85				
Butuan Champion Hardware (Mr. and Mrs. Robert R. Ty)	2	December 2018	12 th pass maintenance activity was concluded November 8, 2021.	97.92%
C'ZARLES Construction and Supply, Butuan City Chamber of Commerce and Industry Foundation Incorporated (BCCCFI), Butuan City (Host) Lions Club, Rotary Club of Butuan, FSUU-Batch 1993 and Butuan City Water District Employees Association (BEA).	9	May-July 2018	Validation of the 13 th & 12 th pass maintenance activity was concluded November 10, 2021.	95.24%
Happy Enterprises, Kimson Commercials & Resources Inc., Rudy Tiu, Ivory Charities Foundation Inc., & Butuan Agusan Farmers Multipurpose Cooperative & Masulbad Irrigators Association	6	October 2017	14 th pass maintenance activity is scheduled on 1st quarter of 2022	-
Couples For Christ (CFC) Global Mission, CFC School of the Morning Star, Mr. Terence Yu / Y Hotel, Dir. Crispin Young & Family, Filipino-Chinese Lourdes Catholic Community and Butuan Doctors Hospital & Colleges Inc.	15	January 2017	Validation of the 14 th pass maintenance activity was concluded November 12, 2021	90.48%
Phoenix Philippines Foundation, Inc. and Atty. Jeremiah Asis & Family.	6	March – April 2016	Completed the maintenance program.	
Joint Rotary Clubs of Butuan North and Makati Salcedo	1	December 2013		
Total	69			

Site Preparation and Planting of the 8 hectares Adopt-A-Forest Program for 4th Quarter of CY 2021 at Taguibo River Watershed Forest Reserve Area

The Implementation of the eight (8) hectares BCWD funded Adopt a Forest Program for CY 2021 was started in December 14, 2021. However, due to Tropical Storm Odette the delivery of the planting materials was delayed, since the source/supplier of the planting materials were from Cotabato City, and some of the beneficiaries were not able to continue the site preparation (*brushing, stacking & hole digging*) and planting.

The planting materials were successfully delivered on December 28, 2021. Consequently, the site preparation (*brushing, stacking & hole digging*) and planting were completed on the first week of January 2022.

Geocam/geotag Photos of the Maintenance Activity of one (1) Hectare Adopt-A-Forest Project for CY 2021 at Taguibo Watershed Area

Name of Beneficiary	: DANDANON, DELITA
Project Location	: Patagon, Anticala, Butuan City
Area Planted	: 2 hectares
Year Planted	: January 2021
Donor	: BCWD Funded
Coordinates	: 9°1'2"N 125°42'21"E



Name of Beneficiary : **NALAM, ALFREDO**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 2 hectares
Year Planted : January 2021
Donor : **BCWD Funded**
Coordinates : 9°0'30"N 125°40'45"E



Name of Beneficiary : **NALAM, NESTOR**
Project Location : Dugyaman, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : January 2021
Donor : **BCWD Funded**
Coordinates : 9°0'58"N 125°41'31"E



Name of Beneficiary : **PAMONLOY, ERWIN**
Project Location : Patagon, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : January 2021
Donor : **BCWD Funded**
Coordinates : 9°1'2"N 125°42'22"E



Name of Beneficiary : **PASILONG, ERNESTO**
Project Location : Dugyaman, Anticala, Butuan City
Area Planted : 2 hectares
Year Planted : January 2021
Donor : **BCWD Funded**
Coordinates : 9°1'2"N 125°42'22"E



1st Pass Maintenance Activity of the one (1) hectare Adopt-A-Forest Program Planted in September 2021.

The 1st pass maintenance activity of the 1 hectare Adopt a Forest Program planted in September 25, 2021 sponsored by or in partnership with **Agusan del Norte Electric Cooperative (ANEKO)** was completely validated on November 16, 2021 with a **survival rate of 98.17 %**; it covers approximately one (1) hectare of area within Taguibo River Watershed Forest Reserve (*TRWFR*), and planted with 600 seedlings of various grafted fruits and forest trees such as Rambutan, Lanzones, Narra and Tugas or equivalent to 600 seedlings per hectare.

Table 3.0 shows the summary result of the recently concluded 1st pass maintenance activity for the 1 hectare Adopt-A-Forest Project planted in September 2021.

Table 3.0

NAME OF BENEFICIARIES	PARTNER DONOR	AREA	DATE PLANTED	NO. OF SEEDLINGS PLANTED	SEEDLINGS SURVIVED	Survival Rate	Remarks
Juneven Nalam	Agusan del Norte Electric Cooperative	1 ha.	September 2021	600	589	98.17%	1st pass
Total		1				98.17%	

Geocam/geotag Photos of the Maintenance Activity of one (1) Hectare Adopt-A-Forest Project for CY 2021 at Taguibo Watershed Area

Name of Beneficiary : JUNEVEN NALAM
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : September 2021
Donor : Agusan del Norte Electric Cooperative
Coordinates : 9°0'17"N 125°40'60"E



2nd Pass Maintenance Activity of the one (1) hectare Adopt-A-Forest Program Planted in July 2021.

The 2nd pass maintenance activity of the 1 hectare Adopt a Forest Program planted in July 29, 2021 sponsored by or in partnership with Agusan National High School-Class 1981 (ANHS Class 81) was completely validated on November 16, 2021 with a survival rate of 97.50 %; it covers approximately one (1) hectare of area within Taguibo River Watershed Forest Reserve (TRWFR), and planted with 600 seedlings of various grafted fruits and forest trees such as Rambutan, Lanzones, Narra and Tugas or equivalent to 600 seedlings per hectare.

Table 4.0 shows the summary result of the recently concluded 2nd pass maintenance activity for the 1 hectare Adopt-A-Forest Project planted in July 2021.

Table 4.0

NAME OF BENEFICIARIES	PARTNER DONOR	AREA	DATE PLANTED	NO. OF SEEDLINGS PLANTED	SEEDLINGS SURVIVED	Survival Rate	Remarks
Juneven Nalam	Agusan National High School	1 ha.	July 2021	600	585	97.50%	2 nd pass
Total		1 ha.				97.50%	

Geocam/geotag Photos of the Maintenance Activity of one (1) Hectare Adopt-A-Forest Project for CY 2021 at Taguibo Watershed Area

Name of Beneficiary : **JUNEVEN NALAM**
 Project Location : Mahayahay, Anticala, Butuan City
 Area Planted : 1 hectare
 Year Planted : July 2021
 Donor : **Agusan High National School – Class 1981**
 Coordinates : 9°0'14"N 125°40'58"



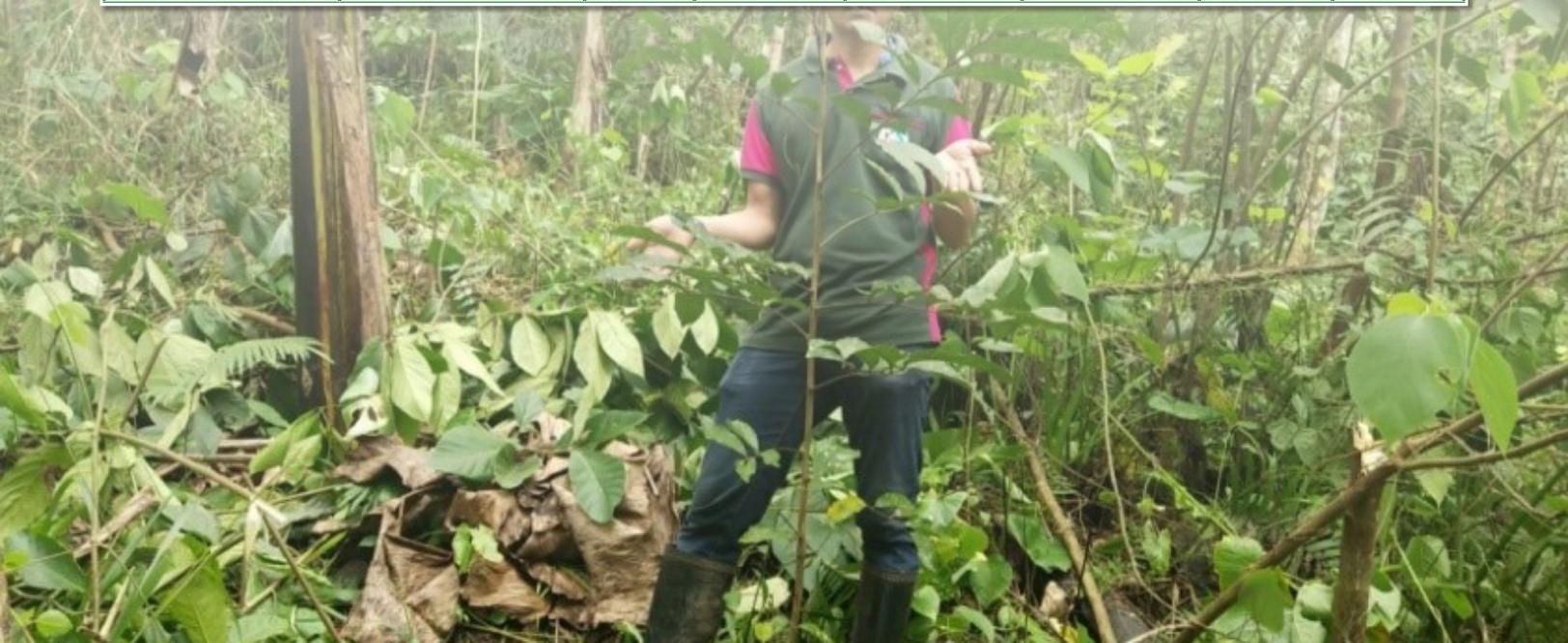
6th Pass Maintenance Activity of the Eight (8) hectares Adopt-A-Forest Program Planted in December 2020.

The 6th pass maintenance activity of the 8 hectares Adopt a Forest Program planted in December 2020 funded by BCWD was completely validated in December 20, 2021 with a survival rate of 94.38 %; it covers approximately eight (8) hectares of area within Taguibo River Watershed Forest Reserve (TRWFR), and planted with 4,800 seedlings of various grafted fruits and forest trees such as Rambutan, Lanzones, Narra and Tugas or equivalent to 600 seedlings per hectare. The 5th pass maintenance activity was concluded on October 26, 2021 with a survival rate of 94.5%.

Table 5.0 shows the summary result of the recently concluded 6th pass maintenance activity for the 8 hectares Adopt-A-Forest Project planted on December 2020.

Table 5.0

BENEFICIARIES	PARTNER DONOR	TOTAL AREA (HA.)	DATE PLANTED	NO. OF SEEDLINGS PLANTED	SEEDLINGS SURVIVED	Survival Rate	Remarks
Ryan Cabanag	BCWD Funded	1 ha.	December 2020	600	580	96.70%	6th Pass
Remilyn Egom		1 ha.		600	555	93.30%	
Michael John Jamili		1 ha.		600	560	94.20%	
Michelle Jane De Guzman		1 ha.		600	545	90.80%	
Leny Casido		4 has.		2400	2345	96.90%	
TOTAL		8 has.			3304	94.38%	



Geocam/geotag Photos of the Maintenance Activity of Eight (8) Hectares Adopt-A-Forest Project for CY 2020 at Taguibo Watershed Area

Name of Beneficiary	: CASIDO, LENY
Project Location	: Tagkiling, Anticala, Butuan City
Area Planted	: 4 hectares
Year Planted	: December 2020
Donor	: BCWD FUNDED
Coordinates	: 9° 0'48"N, 125°40'56"E



Name of Beneficiary : **DE GUZMAN, MICHEL JANE**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2020
Donor : **BCWD Funded**
Coordinates : 9° 0'15"N, 125°41'2"E



Name of Beneficiary : **CABANAG, RYAN**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2020
Donor : **BCWD Funded**
Coordinates : 9° 0'46"N, 125°41'13"E



Name of Beneficiary : **EGOM, REMILYN**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2020
Donor : **BCWD Funded**
Coordinates : 9° 0'15"N, 125°41'2"E



Name of Beneficiary : **JAMILI, MICHAEL JOHN**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2020
Donor : **BCWD Funded**
Coordinates : 8° 59'58"N, 125°40'54"E



Maintenance 8 (8th Pass) of the two (2) hectares Adopt-A-Forest Program planted in June 2020 in partnership with Rotary Club Uptown Butuan and G.U.G. Enterprise O.P.C.

The 8th maintenance program of the Adopt a Forest Program planted in June 2020 in partnership with **Rotary Club of Uptown Butuan & G.U.G Enterprise O.P.C.** was completely validated on December 22, 2021 with a survival rate of 96.58 %; it covers approximately two (2) hectares of area within Taguibo River Watershed Forest Reserve (*TRWFR*), and planted with 1,200 seedlings of various grafted fruits and forest trees such as Rambutan, Lanzones, Narra and Tugas or equivalent to 600 seedlings per hectare.

Table 6.0 shows the summary result of the recently concluded 8th pass maintenance activity for the 2 hectares Adopt-A-Forest Project planted on June 2020.

Table 6.0

NAME OF BENEFICIARIES	PARTNER DONOR	AREA	DATE PLANTED	NO. OF SEEDLINGS PLANTED	SEEDLINGS SURVIVED	Survival Rate	Remarks
May S. Derial	Rotary Club of Uptown Butuan	1 ha.	June 2020	600	580	96.70%	8 th Pass
	G.U.G Enterprise O.P.C.	1 ha.		600	579	96.5%	
Total		2 has.		1200	1159	96.58%	

Geotag/geocam Photos of the 8th Maintenance Activity of the two (2) hectares Planted in June 2020 under the Adopt-A-Forest Program

Name of Beneficiary : **MAY S. DERIAL (AREA-1)**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : June 2020
Donor : **Rotary Club of Uptown Butuan**
Coordinates : 9° 0'10"N, 125°40'55"E



Name of Beneficiary : **MAY S. DERIAL (AREA-2)**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : June 2020
Donor : **G.U.G Enterprise O.P.C.**
Coordinates : 9° 0'12"N, 125°40'56"E



10th Pass Maintenance of the 4 hectares planted on November – December 2019.

The 10th maintenance program of the Adopt a Forest Program planted in December 2019 in partnership with Agusan del Norte Electric Cooperative (ANECO), PICE Agusan del Norte Chapter, JUCHEM Enterprises & BCWD Funded Project was completely validated on December 21, 2021 with a survival rate of 96.92%; it covers approximately four (4) hectares of area within Taguibo River Watershed Forest Reserve (TRWFR), and planted with 2,400 seedlings of various grafted fruits and forest trees such as Rambutan, Lanzones, Narra and Tugas or equivalent to 600 seedlings per hectare.

Table 7.0 shows the detailed result of the recently concluded maintenance activity for the 4 hectares planted in November-December 2019.

BENEFICIARIES	PARTNER DONOR	TOTAL AREA (HA.)	DATE PLANTED	NO. OF SEEDLINGS PLANTED	SEEDLINGS SURVIVED	Survival Rate	Remarks
Michael Hibaya	ANECO	1 ha.	November 2019	600	583	97.20%	10 th Pass
Juneven O. Nalam	JUCHEM	1 ha.	December 2019	600	584	97.30%	
	PICE (Agusan del Norte Chapter)	1 ha.		600	579	96.50%	
	BCWD Funded	1 ha.		600	580	96.70%	
TOTAL		4 has.			3304	96.92%	

Geocam/geotag photos of the four (4) hectares Adopt-A-Forest Program Planted in November – December 2019 at Taguibo Watershed Area

10th Pass Maintenance Program (January & March 2021)

Name of Beneficiary : **MICHAEL HIBAYA**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : November 2019
Donor : **Agusan Del Norte Electric Cooperative (ANECO)**
Coordinates : 9° 0'18"N, 125°40'33"E



Name of Beneficiary : **JUNEVEN NALAM**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2019
Donor : **PICE Agusan Del Norte Chapter**
Coordinates : 9° 0'18"N, 125°40'52"E



Name of Beneficiary : **JUNEVEN NALAM**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2019
Donor : **JUCHEM ENTERPRISES**
Coordinates : 9° 0'18"N, 125°40'53"E



Name of Beneficiary : **JUNEVEN NALAM**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2019
Donor : **BCWD FUNDED PROJECT**
Coordinates : 9° 0'18"N, 125°40'53"E



10th Pass Maintenance of the 2 hectares planted in September 2019

The 10th maintenance program of the Adopt a Forest Program planted in September 2019 in partnership with **ANHS Class 85 (area 2) & Butuan Club of Southern California** was completely validated on December 19, 2021 with a **survival rate of 96.75 %**; it covers approximately two (2) hectares of area within Taguibo River Watershed Forest Reserve (*TRWFR*), and planted with 1,200 seedlings of various grafted fruits and forest trees such as Rambutan, Lanzones, Narra and Tugas or equivalent to 600 seedlings per hectare.

Table 8.0 shows the detailed result of the recently concluded maintenance activity.

Table 8.0

BENEFICIARIES	PARTNER DONOR	TOTAL AREA (HA.)	DATE PLANTED	NO. OF SEEDLINGS PLANTED	SEEDLINGS SURVIVED	Survival Rate	Remarks
Michael Hibaya	ANHS Class85 (2nd donation)	1 ha.	September 2019	600	579	96.50%	10 th Pass
Juneven O. Nalam	Butuan Club of Southern California (BCSC)	1 ha.		600	582	97.00%	
TOTAL		2 has.			1161	96.75%	

Geocam/geotag photos of the two (2) hectares Adopt-A-Forest Program Planted in September 2019 at Taguibo Watershed Area 8th Pass Maintenance Program

Name of Beneficiary : **MICHAEL HIBAYA (AREA1)**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : September 2019
Donor : **ANHS CLASS 85 (2nd donation/Area – 2)**
Coordinates : 9° 0'24"N, 125°40'27"E



Name of Beneficiary : **MICHAEL HIBAYA (AREA2)**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : September 2019
Donor : **Butuan Club of Southern California (BCSC)**
Coordinates : 9° 0'21"N, 125°40'26"E



11th Pass Maintenance of the 4 hectares planted in May 2019

The 11th maintenance program of the Adopt a Forest Program planted in May 2019 in partnership with Adopt-A-Forest Project in partnership with **Agusan Valley Masonic Lodge #160, ANHS Class 85, Inter-Office Employees & Business Credit Cooperative & Southern Gate Eagles Club** was completely validated on December 23, 2021 with a **survival rate of 97.63%**; it covers approximately four (4) hectares of area within Taguibo River Watershed Forest Reserve (*TRWFR*), and planted with 2,400 seedlings of various grafted fruits and forest trees such as Rambutan, Lanzones, Narra and Tugas or equivalent to 600 seedlings per hectare.

Table 9.0 shows the detailed result of the recently concluded maintenance activity.

Table 9.0

BENEFICIARIES	PARTNER DONOR	TOTAL AREA (HA.)	DATE PLANTED	NO. OF SEEDLINGS PLANTED	SEEDLINGS SURVIVED	Survival Rate	Remarks
Alfredo Nalam	Agusan Valley Masonic Lodge	1 ha.	May 2019	600	585	97.50%	11 th Pass
	ANHS CLASS 85	1 ha.		600	587	97.80%	
	Inter Office Employees & Business Credit Coop	1 ha.		600	583	97.20%	
	Southern Gate Eagles Club	1 ha.		600	588	98.00%	
TOTAL		4 has.		2400		97.63%	

Geocam/geotag photos of the four (4) hectares Adopt-A-Forest Program Planted in May 2019 at Taguibo Watershed Area 11th Pass Maintenance Program

Name of Beneficiary : **NALAM, ALFREDO**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : May 2019
Donor : **AGUSAN VALLEY MASONIC LODGE**
Coordinates : 9°0'27"N 125°40'49"E



Name of Beneficiary : **NALAM, ALFREDO**
Project Location : Mahayahay, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : May 2019
Donor : **ANHS CLASS 85**
Coordinates : 9°0'14"N 125°40'42"E



Maintenance Program of the 9 hectares Adopt-A-Forest Project planted in May 2018 (8has) & (1ha.) planted in July 2018.

The 13th & 12th maintenance program of the Adopt a Forest Program planted in May 2018 (8 has) July 2018 in partnership with Butuan City Chamber of Commerce & Industry Foundation Inc., Rotary Club Butuan, Butuan City (HOST) Lions Club, C'Zarles Construction & Supply and FSUU High School Class 1993 (8has) and BCWD Employees Association (BEA) (1ha.) was completely validated on November 10, 2021 with a survival rate of 95.24%; it covers approximately nine (9) hectares of area within Taguibo River Watershed Forest Reserve (TRWFR), and planted with 3,600 seedlings of various grafted fruits and forest trees such as Rambutan, Lanzones, Narra and Tugas or equivalent to 600 seedlings per hectare.

Table 11.0 shows the detailed result of the recently concluded maintenance activity of the planted seedlings.

Table 11.0

NAME OF BENEFICIARIES	PARTNER DONOR	AREA	DATE PLANTED	NO. OF SEEDLINGS PLANTED	SEEDLINGS SURVIVED	Survival Rate	Remarks
Simbajon, Arnel	BCCCIFI	3 has.	May 25, 2018	1,800	1790	99.94%	13th Pass
Mabandos, Roland	Rotary Club of Butuan	2 has.	May 25, 2018	1,200	1098	91.50%	13th Pass
Mabandos, Rogen	Butuan City (HOST) Lions Club	1 ha.	May 25, 2018	600	562	93.67%	13th Pass
Dandanon, Nelia	C'Zarles Construction & Supply	1 ha.	May 25, 2018	600	545	91.00%	13th Pass
Pamonloy, Jemboy	FSUU High School Class 1993	1 ha..	May 25, 2018	600	580	96.67%	13th Pass
Darasin, Mateo	BCWD Employees Association	1 ha.	July 2018	600	592	98.67%	12th Pass
TOTAL		9 has				95.24%	

**Geocam/geotag photos of the nine (9) hectares Adopt-A-Forest Program Planted May 2018 (8 has) & (1ha.) planted in July 2018
13th and 12th Pass Maintenance Program**

Name of Beneficiary : **SIMBAJON, ARNEL**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 3 hectares
Year Planted : May 2018
Donor : **BCCFI**
Coordinates : 9°1'27"N 125°41'40"E



Name of Beneficiary : **MABANDOS, ROLAND**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 2 hectares
Year Planted : May 2018
Donor : **Rotary Club Butuan Main**
Coordinates : 9°1'19"N 125°42'44"E



Name of Beneficiary : **MABANDOS, ROGEN**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : May 2018
Donor : **Butuan City (Host) Lions Club**
Coordinates : 9°0'42"N 125°41'47"E



Name of Beneficiary : **DANDANON, NELIA**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : May 2018
Donor : **C'Zarles Construction & Supply**
Coordinates : 9°0'55"N 125°42'3"E



Name of Beneficiary : **PAMONLOY, JIMBOY**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : May 2018
Donor : **FSUU High School Class 1993**
Coordinates : 9°0'26"N 125°42'8"E



Name of Beneficiary : **DARASIN, MATEO**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : July 2018
Donor : **BCWD Employee Association**
Coordinates : 9°0'20"N 125°41'6"E



There is no scheduled maintenance activity of the six (6) hectares Adopt a Forest Program planted in October 2017 for the 4th quarter of CY 2021. The next maintenance activity is scheduled in the 1st quarter of 2022. The said six (6) hectares are in partnership with **Happy Enterprises, Kimson Commercials & Resources Inc., Rudy Tiu, Ivory Charities Foundation Inc., and Butuan-Agusan Farmers Multi-Purpose Cooperative & Masulbad Irrigators Association**. The latest maintenance activity was done last August 30, 2021 with a **survival rate of 92.53%**.

Maintenance Program of the 15 hectares Adopt-A-Forest Project planted in December 2016 and January 2017.

The 14th maintenance program of the Adopt a Forest Program planted in December 2016 and January 2017 in partnership with **Couples For Christ (CFC) Global, CFC School of the Morning Star, Mr. Terence Yu / Y Hotel, Dir. Crispin Young & Family, Filipino-Chinese Lourdes Catholic Community and Butuan Doctors Hospital & Colleges Inc.** was completely validated on November 12, 2021 with a **survival rate of 90.48%**; it covers approximately fifteen (15) hectares of area within Taguibo River Watershed Forest Reserve (TRWFR), and planted with 9,000 seedlings of various grafted fruits and forest trees such as Rambutan, Lanzones, Narra and Tugas or equivalent to 600 seedlings per hectare.

Table 12.0 shows the detailed result of the recently concluded maintenance activity of the planted seedlings.

Name of Partner Beneficiaries	Partner Donor	Area	Date Planted	Seedlings Planted	Seedlings Survived	Survival Rate
AIJELYN Z. GARZON	CFC Global Mission Foundation	1 ha.	December 2016	600	560	93.30%
ALBERTO DOCDOC	CFC School of the Morning Star	1 ha.		600	522	87.00%
RENEBOY CASIDO	Filipino-Chinese Catholic Lourdes Community	1 ha.		600	538	89.70%
DANTE GOMEZ	Butuan Doctors Hospital & Colleges Inc. and Family	1 ha.	January 2017	600	549	91.50%
ALLAN MANDAG		1 ha.		600	548	91.30%
SOLLY JOY PETILUNA		1 ha.		600	564	94.00%
MELVIN MANDAG		1 ha.		600	539	89.80%
JEREMAE MANDAG		1 ha.		600	541	90.20%
IMELDA TORRALBA		1 ha.		600	545	90.80%
MELISA S. PEPITO		1 ha.		600	550	91.70%
RAMON T. MORALES		1 ha.		600	512	85.30%
ARNEL B. SIMBAJON		2 has.		1200	1179	98.30%
QUIRT PAGIOS		Y Hotel/ Terence Yu		1 ha.	600	548
JENNIFER CIA	Crispin Young & Family	1 ha.	600	495	82.50%	
TOTAL		15 has			8190	90.48 %

Geocam/geotag photos of the fifteen (15) hectares Adopt-A-Forest Program planted in December 2016 and January 2017.

Name of Beneficiary : **AIJELYN Z. GARZON**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2016
Donor : **CFC Global**
Coordinates : 9°0'43"N 125°41'41"E



Name of Beneficiary : **ALBERTO DOCDOC**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2016
Donor : **CFC School of Morning Star**
Coordinates : 9°0'51"N 125°41'17"E



Name of Beneficiary : **RENEBOY CASIDO**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2016
Donor : **Chinese Catholic Lourdes**
Coordinates : 9°0'40"N 125°40'52"E



Name of Beneficiary : **DANTE GOMEZ**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2016
Donor : **Butuan Doctors Hospital & Colleges Inc.**
Coordinates : 9°0'40"N 125°40'52"E



Name of Beneficiary : **ALLAN MANDAG**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2016
Donor : **Butuan Doctors Hospital & Colleges Inc.**
Coordinates : 9°0'14"N 125°41'55"E



Name of Beneficiary : **SOLLY JOY PETILUNA**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2016
Donor : **Butuan Doctors Hospital & Colleges Inc.**
Coordinates : 9°1'33"N 125°41'29"E



Name of Beneficiary : **MELVIN MANDAG**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2016
Donor : **Butuan Doctors Hospital & Colleges Inc.**
Coordinates : 9°0'15"N 125°41'55"E



Name of Beneficiary : **JEREMAE MANDAG**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2016
Donor : **Butuan Doctors Hospital & Colleges Inc.**
Coordinates : 9°0'15"N 125°41'55"E



Name of Beneficiary : **IMELDA TORRALBA**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2016
Donor : **Butuan Doctors Hospital & Colleges Inc.**
Coordinates : 9°0'37"N 125°41'48"E



Name of Beneficiary : **MELISA S. PEPITO**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2016
Donor : **Butuan Doctors Hospital & Colleges Inc.**
Coordinates : 9°0'55"N 125°41'48"E



Name of Beneficiary : **RAMON T. MORALES**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : December 2016
Donor : **Butuan Doctors Hospital & Colleges Inc.**
Coordinates : 9°0'15"N 125°41'55"E



Name of Beneficiary : **QUIRT PAGIOS**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : January 2017
Donor : **Butuan Doctors Hospital & Colleges Inc.**
Coordinates : 9°1'23"N 125°41'29"E



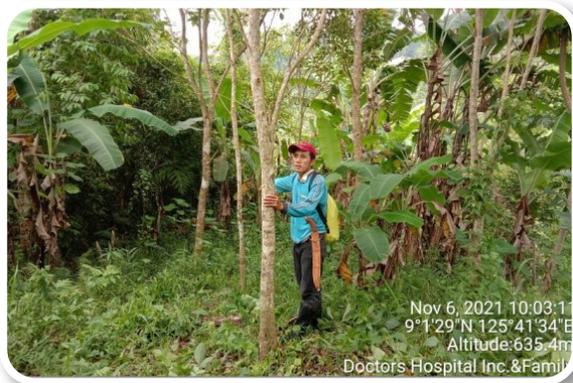
Name of Beneficiary : **ARNEL SIMBAJON**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 2 hectares
Year Planted : December 2016
Donor : **Butuan Doctors Hospital & Colleges Inc.**
Coordinates : 9°1'31"N 125°41'34"E

Area 1:



Area 2:

Coordinates : 9°1'31"N 125°41'34"E



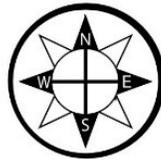
Name of Beneficiary : **JENNIFER CIA**
Project Location : Tagkiling, Anticala, Butuan City
Area Planted : 1 hectare
Year Planted : January 2017
Donor : **Butuan Doctors Hospital & Colleges Inc.**
Coordinates : 9°1'40"N 125°41'55"E



125.670

125.700

Geographical Locations of the 10 hectares Adopt-A-Forest Program for CY 2021



Scale

1:45000

Legend

Adopt10has2021

■ ANECO (1hectare)

■ ANHS_Class81 (1hectare)

■ BCWD Funded (8hectare)

Mahayahay_Elem. School



TASC Dam



Road



River/Creeks



Taguibo Watershed



9.090

9.090

9.060

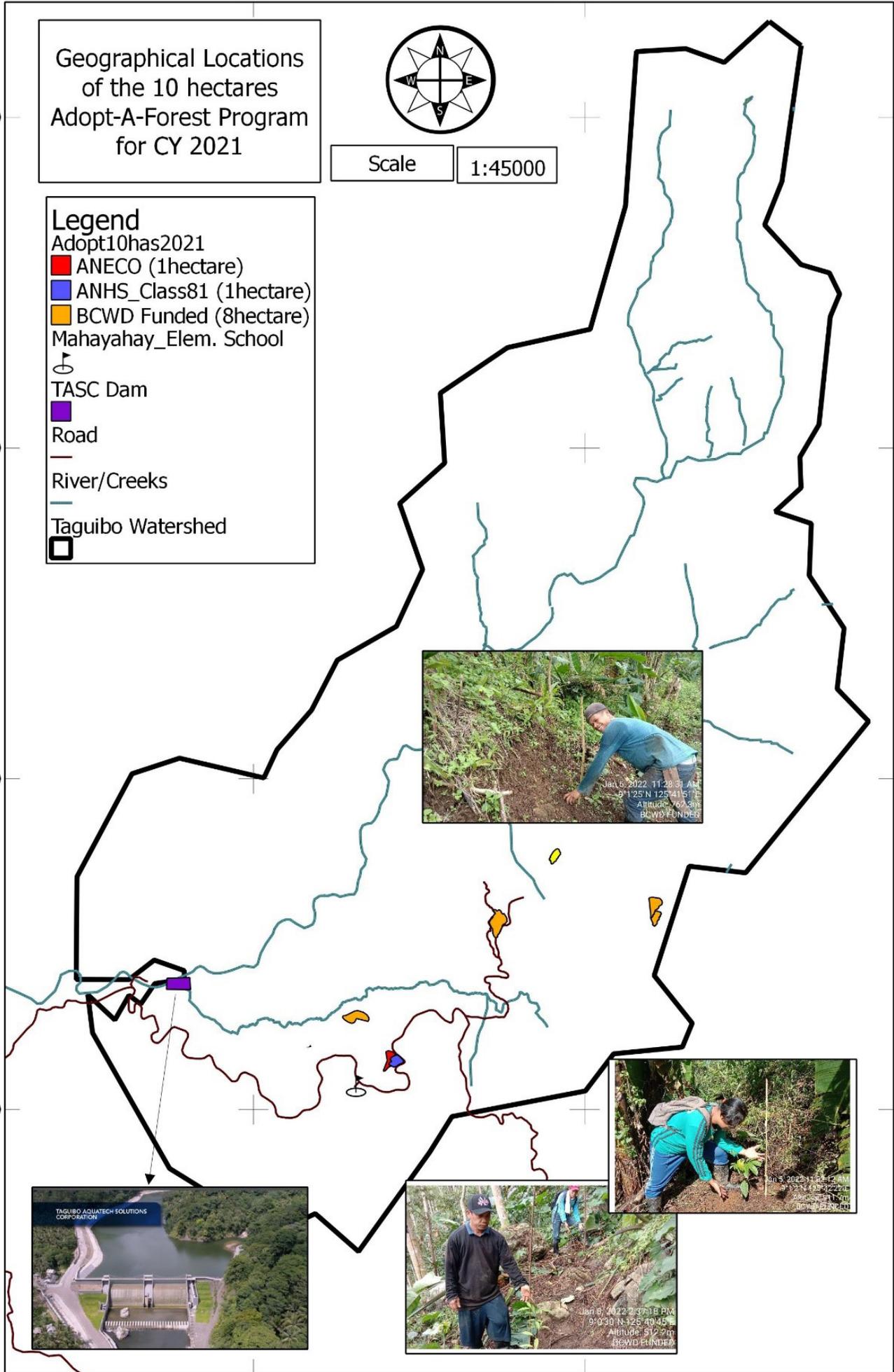
9.060

9.030

9.030

9.000

9.000



Geographical Locations of the 69 hectares of Adopt-A-Forest Program



Legend

69_hectares_Adopt-A-Forest



school_mahayhay



TASC Dam



Road



River/Creeks



Taguibo Watershed



Scale

1:45000

9.090

9.060

9.030

9.000

125.670

125.700

125.670

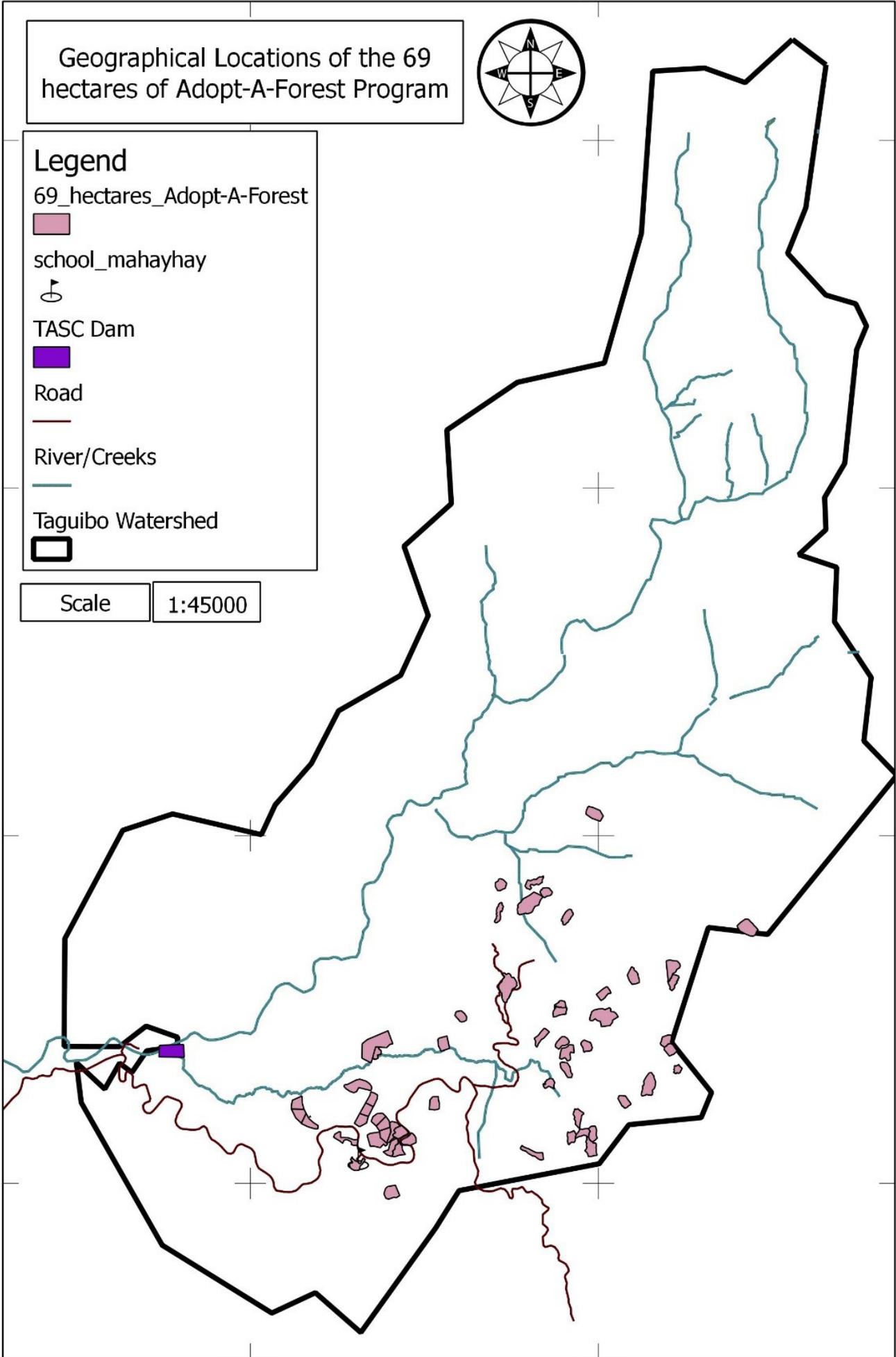
125.700

9.090

9.060

9.030

9.000



OTHER ENVIRONMENTAL RELATED PROJECTS IN THE TAGUIBO WATERSHED

I. Abaca Intercropping Project (*Support Livelihood*)

In line with the BCWD's commitment to provide alternative livelihood to its partner community and one of the significant interventions in the protection and rehabilitation of the TRWFR, BCWD allocates fund for the continuity of the abaca intercropping program in order to maintain its advocacy in uplifting the economic condition of the watershed partner beneficiaries thus, reducing illegal logging dependency and deflecting "*kaingin*" practices on the way to sustainable watershed development.

For CY 2021, BCWD provided funds for the procurement and planting of **2,500 abaca suckers** for intercropping activity in the **10 hectares** Adopt-a-Forest Project planted in June & December 2020 or 250 suckers per hectare distribution.



Michelle de Guzman Area



Leny Casido Area

II. Main Gate at Tagkiling Tribal Elementary School

The Tagkiling Elementary School located at Sitio Tagkiling, Brgy. Anticala requested BCWD to construct a main gate to its school. In response, as part of its Corporate Social Responsibility (CSR), BCWD constructed school gate entrance at Tagkiling Tribal Elementary School. The gate completely constructed on May 2021 at Sitio Takiling, Anticala, Butuan City.



III. Material Recovery Facility

For the year 2021, BCWD constructed three (3) units Material Recovery Facility (MRF) at the Purok/Sitio level to address the proper waste disposal through Solid Waste Management Program. Two (2) units of MRF were completely installed on June 2021 at Sitio Tagkiling, Anticala, Butuan City and other one (1) was completely installed on July 2021 at Sitio Dugyaman, Anticala, Butuan City. The one unit was scheduled for the year 2020; it was installed late due to the time constraint and hectic schedule of the Engineering Department Staff who were working for the construction. Also, road to Sitio Dugyaman was not accessible during that time.



Patong, Sitio Tagkiling, Anticala, Butuan City



Tagkiling Tribal Integrated Secondary School



Sitio Dugyaman, Anticala, Butuan City

IV. Sanitation Facility

Consistent to the vision of providing safe and clean water for the City of Butuan, BCWD continuously supports sanitation program and proper waste disposal of human waste in the areas within Taguibo watershed.

For the year 2021, BCWD constructed (4) four units sanitation facilities (*septic tanks with toilet bowls*) at Tagkiling, Anticala Butuan City as part of its Corporate Social Responsibility and in response to the Water Quality Assessment of the Environmental Management Bureau (*EMB*). The water quality (*bacteriological/fecal-coliform*) of the Taguibo River particularly at the TASC Dam is now outside the limit of Class "A" classification/category.

Sanitation Facility (*3-chamber communal septic tank with toilet bowl*), Tagkiling, Anticala, Butuan City



V. ENHANCE National Greening Program (E-NGP)

The Butuan City Water District entered into a Memorandum of Agreement (MOA) between the DENR on July 19, 2018 regarding the implementation of the 100 hectares reforestation project thru the Enhance National Greening Program (E-NGP) within the Taguibo Watershed wherein the BCWD was the proponent of the said project.

BCWD's partner cooperative, the Anticala Watershed Farmers Producers Cooperative (AWFPC) is the beneficiary of the E-NGP. Said project has a total amount of ₱ 5,814,000.00. DENR provide ₱ 2,500,000.00 and BCWD also provide funds amounting to ₱ 3,314,000.00 for additional maintenance and livelihood (*abaca intercrop*) of the beneficiaries.

BCWD in its commitment to conserve, protect and develop a sustainable water supply and ensure continuous delivery of safe and potable water to the concessionaires, extend its support to the ENGP reforestation project by providing additional funds and hired local residents to assist in the monitoring and periodic validation of the 100 hectares E-NGP.

The E-NGP was implemented in two (2) phases. The 1st phase (50 hectares) was completed in December 2018 and the 2nd phase (50 hectares) completed in January 2019.

For CY 2021, a maintenance program was implemented to ensure the survival of the existing planted trees. The approved maintenance program included clear brushing, strip bushing and round weeding which were done quarterly and resulted to a **survival rate of 90.55 %**.

VI. Nursery

BCWD established a forest nursery at Sitio Mahayhay, Brgy. Anticala, Butuan City, portion of Taguibo River Watershed Forest Reserve. The purpose of the nursery is to produce indigenous species of seedlings such as Lauan, Tugas, Narra for replanting to existing reforestation sites. It will also serve as storage area for other procured seedling for the various reforestation projects.

For the year 2021, we have a target to collect seeds/wildlings and propagate/raise a total of 6,000 seedlings of indigenous species. However, mother trees of Lauan species inside the Taguibo Watershed were not able to produce seeds/wildlings for the year 2021. While some of the Tugas mother trees were also affected by rainy season.

BCWD purchased Tugas seeds as an alternative solution to seedling production. As of 2021, a total of 2,700 Tugas seedlings were produced. These seedlings were used as replanting materials for some areas of BCWD reforestation projects.



Albo, Erman Area



Aparilla, Jonathan Area



EFFECTS OF TROPICAL STORM ODETTIE IN THE TAGUIBO WATERSHED

Tropical Storm Odette was considered as Super Typhoon that hit the Philippines on December 16, 2021 (*Thursday*) and made its landfall on Caraga Region approximately 1:30 O'clock in the afternoon on the same date.

Uprooted trees, landslides, road damages and felled electric post are the effects of Tropical Storm (*TS*) Odette in the Taguibo Watershed.

A total of thirteen (*13*) areas of BCWD reforestation projects were affected by the said TS with an estimated damaged cost of ₱ 233,190.00.

BCWD, through its General Manage Engr. Anselmo L. Sang Tian, coordinates with the DENR-EMB and requested for drone and technical personnel (*as operator of the drone*) to further assess of the extent of the damage of TS Odette to the Taguibo Watershed. BCWD watershed personnel also conducted a ground survey to other areas in the watershed believed to be affected by the said TS.

Damaged MRF/Collection point at Sitio Tagkiling, Anticala



Below are geotag photos show the damage brought by TS Odette

LANDSLIDE AT SITIO TAGKILING, ANTICALA BUTUAN CITY PORTION OF TAGUIBO WATERSHED



UPROOTED TREES

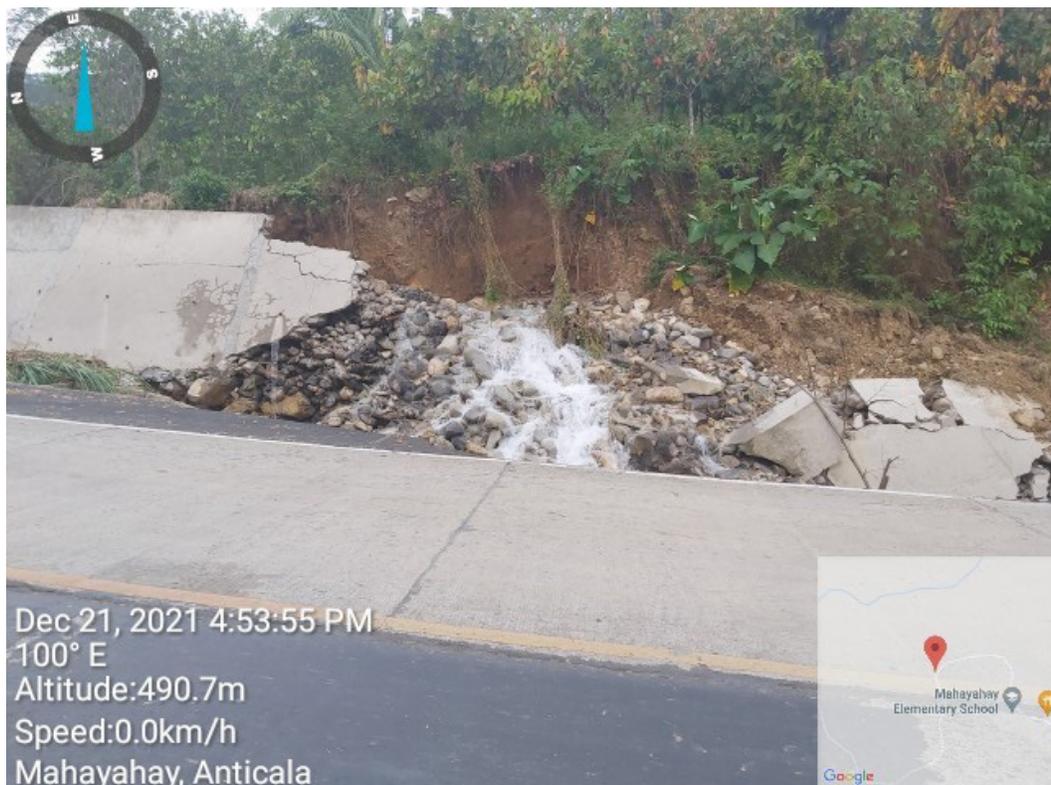


Uprooted trees at BCWD's reforestation project area, Sitio Mahayahay, Anticala, Butuan City, Taguibo Watershed

FELLED TREES AND ELECTRIC POST OF ANECO



ROAD DAMAGED WITHIN THE TAGUIBO WATERSHED (PIANING-TANDAG ROAD)



BCWD Reforestation Projects Damaged due to Landslide/Flood/Surface Water Run-off brought by Typhoon Odette at Taguibo Watershed Area

Name of Beneficiary : **LENY CASIDO**
Program : Adopt A Forest Program 2020-Tagkiling, Anticala, Butuan City
Donor : **BCWD FUNDED**
Coordinates : 9°0'41"N 125°40'50"E



Name of Beneficiary : **ARNEL SIMBAJON AREA 1**
Program : Adopt A Forest Program 2018-Tagkiling, Anticala, Butuan City
Donor : **Butuan City Chamber of Commerce & Industry Foundation Inc.**
Coordinates : 9°0'41"N 125°40'50"E



Name of Beneficiary
Program
Coordinates

: ARNEL SIMBAJON AREA 2
: Adopt A Forest Program 2018-Tagkiling, Anticala, Butuan City
: 9°0'41"N 125°40'50"E



Name of Beneficiary
Location
Program
Coordinates

: RAMON MORALES
: Tagkiling, Anticala, Butuan City
: ENGP 2018
: 9°0'41"N 125°40'50 "E



Name of Beneficiary : **RUEL PEPITO**
Location : Tagkiling, Anticala, Butuan City
Program : NGP 2014
Coordinates : 9°0'41"N 125°40'50 "E



Name of Beneficiary : **REMILYN EGOM**
Location : Tagkiling, Anticala, Butuan City
Program : NGP 2014
Coordinates : 9°0'41"N 125°40'50 "E



BWCD Reforestation Project Damages due to Typhoon Odette

NO	NAME OF BENEFICIARIES	PROJECT	AREA PLANTED (HA.)	NO. OF SEEDLINGS PLANTED	COMMODITY	AREA DAMAGE (HA)	NO. OF TREES (DAMAGE)	COST ESTIMATE			REMARKS
								ABACA	NATIVE/ FRUIT TREES	TOTAL	
1.	Leny Casido	Adopt-a-Forest 2020	4.0	2400	Agroforestry (Abaca, Tugas, Durian Rambutan, Lanzones)	0.7	216	0	13,927.68	13,927.68	Landslide
2.	Arnel Simbajon Area 1	Adopt-a-Forest 2016	2.0	1200	Agroforestry (Abaca, Tugas, Durian Rambutan, Lanzones)	0.4	135	4,800.00	15,232.05	20,032.05	Landslide
3.	Arnel Simbajon Area 2	Adopt-a-Forest 2018	3.0	1800	Agroforestry (Abaca, Tugas, Durian Rambutan, Lanzones)	0.4	215	4,350.00	20,156.25	24,506.25	Landslide
4.	Wawie Salahay	NGP 2018	2.0	1200	Agroforestry (Abaca, Tugas, Durian Rambutan, Lanzones)	0.7	221	7,650.00	17,938.57	25,588.57	Landslide
5.	Loloth Mandag	NGP 2018	2.0	1200	Agroforestry (Abaca, Tugas, Durian Rambutan, Lanzones)	0.8	310	9,300.00	25,162.70	34,462.70	Landslide
6.	Argie Mandag	NGP 2018	2.0	1200	Agroforestry (Abaca, Tugas, Durian Rambutan, Lanzones)	0.6	157	7,050.00	12,743.69	19,793.69	Landslide
7.	Lioner Cabaton	NGP 2018	2.0	1200	Agroforestry (Abaca, Tugas, Durian Rambutan, Lanzones)	0.4	164	4,950.00	13,311.88	18,261.88	Landslide
8.	Emelyn Madria	NGP 2018	1.0	600	Agroforestry (Abaca, Tugas, Lauan, Durian Rambutan, Lanzones)	0.5	143	8,400.00	11,607.31	20,007.31	Water runoff and landslide
9.	Ramon Morales	NGP 2018	2.0	1200	Agroforestry (Abaca, Tugas, Lauan, Durian Rambutan, Lanzones)	0.2	78	3,600.00	6,331.26	9,931.26	Water runoff and landslide
10.	Roslinda Mandag	NGP 2018	1.0	600	Agroforestry (Abaca, Tugas, Lauan, Durian Rambutan, Lanzones)	0.5	250	11,550.00	20,292.50	31,842.50	Landslide
11.	Ruel Pepito	NGP 2014	2.0	1000	Agroforestry (Abaca, Tugas, Lauan, Durian Rambutan, Lanzones)	0.1	26	3,300.00	1,577.16	4,877.16	Landslide
12.	Remilyn Egom	NGP 2014	3.0	1500	Abaca, Agroforestry (Tugas, Narra, Durian Rambutan, Lanzones)	0.2	31	2,550.00	1,880.46	4,430.46	Landslide
13.	Dante Morales	NGP 2014	1.0	600	Agroforestry (Abaca, Tugas, Narra, Durian Rambutan, Lanzones)	0.3	59	1,950.00	3,578.94	5,528.94	Landslide
					TOTAL	5.8	2,005	69,450.00	163,740.45	233,190.45	

PHOTOS TAKEN FROM A DRONE BY ENVIRONMENTAL MANAGEMENT BUREAU (EMB-CARAGA) PERSONNEL LAST DECEMBER 23, 2021 AT THE TAGUIBO WATERSHED.



Landslide at Sitio Tagkilng, Anticala, Butuan City portion of Taguibo Watershed



Landslide at Sitio Tagkilng, Anticala, Butuan City portion of Taguibo Watershed



Other areas of Landslide at Sitio Tagkilng, Anticala, Butuan City portion of Taguibo Watershed



Other areas of Landslide at Sitio Tagkilng, Anticala, Butuan City portion of Taguibo Watershed



Landslide at Sitio Mahayhay, Anticala, Butuan City portion of Taguibo Watershed



DPWH conducting a clearing operation along the Pianing Tandag National Road at Sitio Mahayhay, Anticala, portion of Taguibo Watershed.

Butuan City Water District continuous its commitment to enhance the vegetative cover of our Taguibo River Watershed Forest Reserve (TRWFR) through reforestation under the Adopt-A-Forest Program. The negative effect of Typhoon Odette shows that the proclaimed Taguibo Watershed is still vulnerable to typhoons and other calamities. Thus, to sustain our source of water supply for the people of Butuan there is a need to double our effort in restoring the forest cover and restore the integrity of our watershed.

BCWD would like to thank our generous donors for participating in our Adopt-A-Forest Program your effort is very much appreciated. Rest assured that together with our watershed settlers beneficiaries, we will continue to maintain and monitor our established reforestation sites inside the Taguibo River Watershed Forest Reserve.



Conveyance pipe from impounding dam to the treatment facility was also damaged.

Your symbolic adoption can
make a difference...

Adopt-a-Forest



You're taking action with priorities like restoring forests and conserving the Taguibo River and its tributaries in the Taguibo River Watershed Forest Reserve.

Adopt-a-Tree Program



in Taguibo River Watershed Forest Reserve

A 3-year tree planting and "parenting" project undertaken by BCWD for those individuals, institution and organizations that would like to conduct tree planting activity and/ or just donate or provide funds for one hectare or more hectares to be reforested in TRWFR.

For more information, visit **Butuan City Water District**
@ Gov. J.A. Rosales Ave., Butuan City or call
tel. no. (085) 342-3145/ 341-6374, 815-9904

