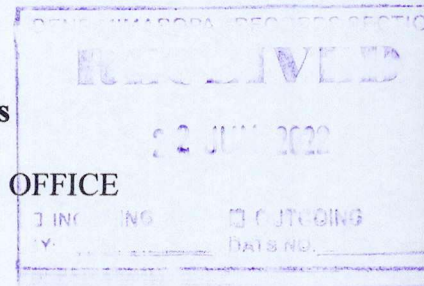




Republic of the Philippines  
**Department of Environment and Natural Resources**  
MIMAROPA Region  
PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE  
Bgy. Sta. Monica, Puerto Princesa City, Palawan  
Telfax No. (048) 434 - 8791  
Email Add: [penropalawan@denr.gov.ph](mailto:penropalawan@denr.gov.ph)



REP

June 09, 2022

**MEMORANDUM**

**FOR** : The Regional Executive Director  
DENR MIMAROPA Region  
1515 L&S Bldg., Roxas Blvd.  
Ermita, Manila

**ATTN** : The Regional Director  
MGB –MIMAROPA Region  
1515 L&S Bldg., Roxas Blvd.  
Ermita, Manila

**FROM** : Provincial Environment and  
Natural Resources Officer

**SUBJECT** : **LETTER DATED APRIL 29, 2022 OF DIANA G. MARCELO  
FOCAL PERSON OF CENTRAL TAYTAY NATIONAL HIGH  
SCHOOL**

Forwarded is the Memorandum dated 24 May 2022 of CENRO Taytay transmitting the appended letter (with pertinent enclosures) dated 29 April 2022 of Ms. Diana G. Marcelo, Focal Person of Central Taytay National High School pertaining to activities and utilized expenses of aforesaid School in a National EcoSavers Program (NEP).

For your information and record.

Copy Furnished:  
The PEMU  
RGT/EMU Doc. No. 2022-4765

**FELIZARDO B. CAYATOC**  
DENR PENRO  
PALAWAN RECORDS  
**RELEASED**  
BY: \_\_\_\_\_  
DATE **JUN 13 2022** 22-1456





Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region

**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**

By the National Highway, Poblacion, Taytay, Palawan 5312

Mobile: 0926-505-9335 TM 0912-171-3889 TNT

Email: cenrotaytay@denr.gov.ph

DENR-CENRO  
PALAWAN RECORDS  
RECEIVED

May 24, 2022

MEMORANDUM

BY: *[Signature]*  
DATE: 06-12-2022 22-4765

FOR : The Provincial Environment and Natural Resources Officer- Palawan  
Sta. Monica, Puerto Princesa City

Attention : Provincial Environment Management Office (PEMO)  
Sta. Monica, Puerto Princesa City

FROM : The Community Environment and Natural Resources Officer  
This jurisdiction

SUBJECT : **LETTER DATED APRIL 29, 2022 OF MS. DIANA G. MERCADO,  
FOCAL PERSON OF CENTRAL TAYTAY NATIONAL HIGH  
SCHOOL**

Respectfully forwarded is the abovementioned subject with attached documents relative to the activities conducted and utilized expenses of Central Taytay National High School in a National Eco-savers Program (NEP).

For his information and record.

*[Signature]*  
ALAN L. VALLE

DENR-CENRO  
TAYTAY, PALAWAN  
RELEASED

BY: *[Signature]*  
DATE: MAY 30 2022 *[Signature]*





Republic of the Philippines  
**Department of Education**

**MIMAROPA REGION**  
**SCHOOLS DIVISION OF PALAWAN**  
**CENTRAL TAYTAY NATIONAL HIGH SCHOOL**

**DENR CENRO**  
**TAYTAY, PALAWAN**  
**RECEIVED**  
 BY: *[Signature]*  
 DATE: 5-17-22 2587

April 29, 2022

**JOE AMIL M. SALINO**  
 Regional Director  
 6<sup>th</sup> floor DENR by the Bay Bldg.  
 1515 Roxas Blvd., Ermita Manila

Environmental Greetings!

In response to the letter forwarded from the Division office, received on April 25, 2022, at Central Taytay NHS.

Last January 18, 2018, we received the amount of 25,000.00 with check No. 2326446 to be utilized in a National Eco-savers Program (NEP) with the evidence of a memorandum of Agreement (MOA) entered between the EMB MIMAROPA region and Central Taytay National High School dated 11 of December 2017. The Central Taytay National High School is responsible for handling the fund and its liquidation. The school should submit documented experiences in implementing the program focusing on lessons learned, best practices, and recommendations in implementing the NEP with the assistance of the partner LGU.

Given the above demand, I admit that I overlooked the due date of all reports and accountability to inform your prestigious office.

Attached herewith are the documents in compliance with the environmental activities and expenses.

Thank you and God bless!

Very truly yours,

*[Signature]*  
**DIANA G. MERCADO**

Cc.  
**CENRO**  
**Taytay, Palawan**

**Focal Person**  
**09176841119**



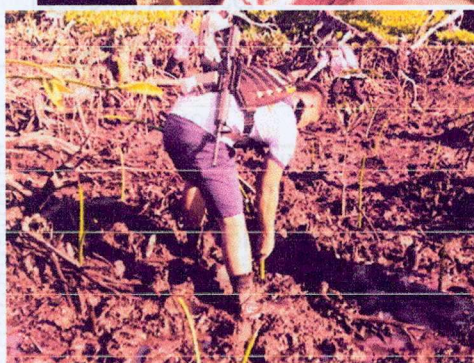


Monte Vista, Poblacion, Taytay, Palawan  
 Cp#09177202086(globe)/09505018464(smart)  
 Email ad: 309103ctnhs@deped.gov.ph

### Mangrove Planting

February 10, 2018

An annual program of the Science Department every month of February was one of the most awaited programs by the students and teachers of Central Taytay National High School. Mangrove Reforestation is one of the legacies of the said school wherein teachers, students, as well as other stakeholders, join together to help in the reforestation of different mangrove sites. *“Suyuan sa Bakawan”* was the theme of this year’s Mangrove planting. This is the 3<sup>rd</sup> site of the Mangrove reforestation program. This activity does not only focus on the mangrove planting but also serves as a call for the awareness of climate change.



KEBONAN I	BEIKO KIM	KORON I	BEIKO
KEBONAN I	SEIKO S	KORON V	BOHIMBO
KEBONAN I	SEIKO N	SEIKO	BOHIMBO I
KEBONAN I	BEIKO B	VALER	MARCO
KEBONAN I	SEIKO R	VALER	MARCO
KEBONAN I	BEIKO G	KORON V	MARCO
KEBONAN I	BEIKO S	KORON V	MARCO
KEBONAN III	SEIKO O	BEIKO	BOHIMBO



## Supporting Documents



Republic of the Philippines  
Department of Education  
MIMAROPA Region  
Division of Palawan  
**CENTRAL TAYTAY NATIONAL HIGH SCHOOL**  
Monte, Vista, Poblacion, Taytay, Palawan

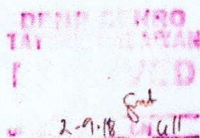


Republic of the Philippines  
Department of Education  
MIMAROPA Region  
Division of Palawan  
**CENTRAL TAYTAY NATIONAL HIGH SCHOOL**  
Monte, Vista, Poblacion, Taytay, Palawan



February 6, 2018

PABLO CRUZ  
CENRO  
Taytay, Palawan



PO3 ADRIAN F. FAMPULA, PCG  
Coast Guard Sub-Station Commander  
Coast Guard Sub-Station  
Taytay, Palawan

Sir:

Mangrove deforestation is still rampant in our community. Loggers abusively produce coals for a living, without even thinking about the impact of what they are doing and the community in the near future. Looking from afar, anyone would think that our still intact but deep within, one would be saddened to see that most of the trees were already large area of the forest nearly devastated. If left unattended, it won't be long till mangrove gone. Central Taytay National High School untiringly aims for a brighter tomorrow.

To help mitigate environmental problems in our community, the Science Department lead and conduct an environmental activity "Suyuan sa Bakawan which brings awareness response to a call for climate change adaptation and mitigation". It is in accordance to continuous planting, growing and monitoring of the mangrove site. This planting act blessed for it would be followed by a mass to be officiated by Most Rev. Eduardo S. Juanich

In connection with this, we would like to invite you to join the said activity, we are knowledgeable personnel from your good office to demonstrate and talk on the proper mangroves.

We would like to ask for your helping hands to support the said activity on February 10, 2018, we will depart at 6:30 in the morning from Central Taytay National High School to Sitio N Taytay, Palawan.

Thank you for always supporting our advocacies. Your partnership with us will constantly grow. God bless you.

Sir:

Mangrove deforestation is still rampant in our community. Loggers abusively cut these trees to produce coals for a living, without even thinking about the impact of what they are doing to the environment and the community in the near future. Looking from afar, any one would think that our mangrove forest is still intact but deep within, one would be saddened to see that most of the trees were already cut leaving the large area of the forest nearly devastated. If left unattended, it won't be long till mangrove forest will be gone. Central Taytay National High School untiringly aims for a brighter tomorrow.

To help mitigate environmental problems in our community, the Science Department will once again lead and conduct an environmental activity "Suyuan sa Bakawan which brings awareness and action as a response to a call for climate change adaptation and mitigation". It is in accordance to our advocacy of a continuous planting, growing and monitoring of the mangrove site. This planting activity will be more blessed for it would be followed by a mass to be officiated by Bishop Eduardo S. Juanich

In connection with this, we would like to ask for your helping hands to support the said activity on February 10, 2018, we will depart at 6:30 in the morning from Central Taytay National High School to Sitio Maybolo, Bantulan, Taytay, Palawan.

Thank you for always supporting our advocacies. Your partnership with us will constantly grow. God bless you.

Respectfully yours,

JOLEE S. CORTES  
Bayani ng Kalikasan Adviser

Respectfully

JOLEE S. CORTES  
Bayani ng Kalikasan

Noted:

DIANA G. MERCADO  
Science Department Head

DIANA G. MERCADO  
Science Department Head

Approved:

LOWEDA A. CABULAO  
Principal III

Approved:

LOWEDA A. CABULAO  
Principal III

PO3 LEONARDO L. DIXON  
07103014 FEB 2018  
00478427998





Republic of the Philippines  
 Department of Education  
 MIMAROPA Region  
 Division of Palawan  
**CENTRAL TAYTAY NATIONAL HIGH SCHOOL**  
 Monte, Vista, Poblacion, Taytay, Palawan



February 6, 2018

Republic of the Philippines  
 Department of Education  
 MIMAROPA Region  
 Division of Palawan  
**CENTRAL TAYTAY NATIONAL HIGH SCHOOL**  
 Poblacion, Taytay, Palawan



February 6, 2018

JOJI E. LAURENTE  
 MENRO  
 Taytay, Palawan

Sir:

Mangrove deforestation is still rampant in our community. Loggers abusively cut these trees to produce coals for a living, without even thinking about the impact of what they are doing to the environment and the community in the near future. Looking from afar, anyone would think that our mangrove forest is still intact but deep within, one would be saddened to see that most of the trees were already cut leaving the large area of the forest nearly devastated. If left unattended, it won't be long till mangrove forest will be gone. Central Taytay National High School untiringly aims for a brighter tomorrow.

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In connection with this, we would like to request from your good office 6,000 propagules to be planted at the site and trucks with fuel that would transport volunteers. We would like to ask for your helping hands to support the said activity on February 10, 2018, we will depart at 6:30 in the morning from Central Taytay National High School to Sitio Maybolo, Bantulan, Taytay, Palawan.

Thank you for always supporting our advocacies. Your partnership with us will constantly grow.  
 God bless you.

Respectfully yours

JOLEE S. CORTES  
 Bayani ng Kalikasan Adviser

Noted:

DIANA G. MERCADO  
 Science Department Head

Approved:

LOWEDA A. CABULAO  
 Principal III

Approved:

LOWEDA A. CABULAO  
 Principal III

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ocacies. Your partnership with us will constantly grow.

Respectfully yours,

JOLEE S. CORTES  
 Bayani ng Kalikasan Adviser

RECEIVED 02-07-18

JOHNSON BERT APELMITA





Mangrove Reforestation Theme: "Awareness and Action to a Call for Climate Change Adaptation and Mitigation"



Mangrove Reforestation Theme: "Awareness and Action as a Response to a Call for Climate Change Adaptation and Mitigation"



CENTRAL TAYTAY NATIONAL HIGH SCHOOL  
Monte Vista, Poblacion, Taytay, Palawan

**SUYUAN SA BAKAWAN**

Sitio Maybulo, Bantulan, Taytay, Palawan

February 10, 2018

EXPENSES DURING THE ENVIRONMENTAL ACTIVITIES  
January 2018-December 2018

ATTENDANCE SHEET

DATE	ACTIVITIES	AMOUNT USED
January 20, 2018	Coastal Clean-up Food expenses	1,500.00
February 3-9, 2018	Innovation Expenses Food, labor and materials	8,880.00
February 10, 2018	Mangrove Planting Food expenses and Propagules gathering	3,500.00
June 9, 2018	Watershed Tree Planting Food expenses	2,000.00
August 31-September 3, 2018	Science Camp Materials expenses	7,000.00
October, 2018	Vermi composting Materials	2,120
		25,000.00

Name	Designation/Organization	Signature
Director	Bayani ng Kalikasan	[Signature]
Co-Monitoring	"	[Signature]
John S. Matienza	BANK	[Signature]
I. Enriquez	SADAC	[Signature]
Bernardo	BANK	[Signature]
Bert Avencio	"	[Signature]
Sergio Comayas	"	[Signature]
Adan Marez Jr	"	[Signature]
Don Baralejo	"	[Signature]
Ranck V. Vito	"	[Signature]
Riles D.	"	[Signature]
Emilio Romiala	"	[Signature]
B. Senilla		[Signature]
S. Tardig		[Signature]

Prepared by: DIANA G. MERCADO

Focal Person

HON. ROMY L. SALVAME  
Municipal Mayor, Taytay

Greetings!

Mangrove deforestation is still rampant in our community. Loggers abusively cut these trees to produce coals for a living, without even thinking about the impact of what they are doing to the environment and the community in the near future. Looking from afar, any one would think that our mangrove forest is still intact but deep within, one would be saddened to see that most of the trees were already cut leaving the large area of the forest nearly devastated. If left unattended, it won't be long till mangrove forest will be gone.

To help mitigate environmental problems in our community, Science Department will once again lead and conduct an environmental activity "Suyuan sa Bakawan which brings awareness and action as a response to a call for climate change adaptation and mitigation". It is in accordance to our advocacy of a continuous planting, growing and monitoring of the mangrove site.

In connection with this, we are requesting for any two available dump truck or GSO transportation services with fuel that will bring a hundred volunteers from the school campus to the site, Sitio Maybulo, Bantulan, Taytay, Palawan at 6:30 in the morning tomorrow February 10, 2018.

Attached here are the pictures of the deforested mangrove site.

Thank you for always supporting our advocacies. Your partnership with us will constantly grow.

Respectfully yours,

JOLEE S. CORTES  
Bayani ng Kalikasan Adviser

Noted

DIANA G. MERCADO  
Head Teacher I

*Handwritten note:*  
G.S.D.  
yellow thread



Coral Triangle Day

June 9, 2018

"Devote yourself to the community around you and devote yourself to creating something that gives you purpose and meaning".

As the phrase says Central Taytay National High School Teachers and selected students once again spent and Celebrated the Coral Triangle on June 9, 2018, at Camp Site located at Malaipit Poblacion Taytay, Palawan. A day camp was participated by fifty-two students from different grade levels and thirty-two teachers coming from different departments.





The first part of the program includes the conduct of the Nature Walk, wherein participants were tasked to walk from the entrance gate to the venue. As the campers are taking their steps they were able to see grown-up trees and rich biodiversity in the area. In Addition, all the campers brought seedlings of trees of different species as they were walking to the venue.

Before the tree planting MENRO gave a short lecture on the They also talked about the importance benefits they can give to the humankind.

After a short break, the the highlights of the camp, the tree are almost 500 trees planted of including Narra and Rubber trees. area and the muddy surface of the soil considered a hindrance for the participants to make the activity a actively and



activity personnel from proper planting of trees. of planting trees and the environment and

activity proceeded with planting activity. There various species on the site The steep location of the were ignored and were not environmentally aware success, the campers joyfully enjoyed the



activity.

After the tree planting activity, a short program was conducted. A brief but meaningful message was heard from Mr. Raul G. Roldan, a team leader of Coral Triangle Initiative, Southeast Asia in the Philippines. He emphasized taking good care of the environment, he also point out simple but essential practices that can be done

to help mitigate environmental changes brought by climate change, particularly in the marine ecosystem. Student participants listen carefully throughout the message and

short lecture.



Right after the lecture, different games and activities are introduced. Youth leaders facilitated fun and exciting games, campers pose smiles during the conduct of the activities.





The program continued with knowing the Palawan Profile and Environmental Laws with Christina Rodriguez, a representative from PCSD. She talks about the different endemic flora and fauna that can only be found in the glorious province of Palawan. Different laws about

not abiding environmental laws were also discussed, and the penalties and sanctions are also stated.

Before the lecture ends she asked different questions to the students, active students were able to answer the questions correctly and precisely.

Before the activity ends, teachers of Central Taytay NIIS and personnel from CTI-SEA pose a wide smiles with their hearts delighted for another environmental activity was done. The day was filled with joy in hearts and minds were filled with important knowledge, truly Environmental-related activities are meaningful.



### **Coastal Clean-up**

**January 20, 2018**

Central Taytay National High School students and teachers together with the Coast Guards of Taytay conduct a coastal clean-up near Fort Sta. Isabel.





## **Balsa Y Ang Banua: A Floating Learning Center**

### **FEATURE AND SPECIFICATIONS**

**Balsa Y Ang Banua: A Floating Learning Center** is made of 135 bamboo poles and 200 pcs. nipa pawid with 8 drums to make it float. It has a width of 6 meters and a height of 3.5 meters. The attached bench and one center table made from plywood were also provided for eating, reading, and learning during leisure. It will be placed near Fort Sta. Isabelle. The bamboo raft will be put on the mentioned site during Habagat and be transferred to the mangrove reforested area when Amihan comes.

The priority issue of this innovation is the promotion and awareness of the Local Ecotourism site of Taytay and Actions to address Climate Change. Its goal is to protect and enhance the environment and improve the well-being of Taytay's town specifically the coastal



area, specifically, it aims to alleviate exploratory aspects of relaxation/leisure time and to benefit rather than destroy the community, to reduce the environmental impact caused by the community and to build-up wide tourism in the future, and to generate a sustainable fund for conserving to the coastal area.

**Balsa Y Ang Banua: A Floating Learning Center** is a project made to show and influence the community that Taytay is an unexplored piece of paradise in Palawan. It helps the well-being of Taytay to enjoy and experience the natural gifts of Taytay, specifically during calm weather, dawn, sunset, and even during the moonlight with family members, friends, peer groups, organizations, and community folks. It gives an awareness of protection and enhancement of the environment and improves the well-being of Taytay town specifically the coastal area.

It shows the community that the sharing of information about the environment is not only in the learning center inside the school campus but also from the outside of the school, like boarding on balsa while relaxing in the sea breeze of Taytay Bay. The guests/tourists can read information about the environmental issues in the community.

The use of **Balsa Y Ang Banua: A Floating Learning Center** with members of the family, friends, group, organization, or community folks while enjoying the view of Taytay Bay specifically during calm weather, dawn, sunset, and even during the moonlight with at least 5 persons and a maximum of 20 persons for 1-4 hours. Boarding of the balsa minimizes the damage to the marine ecosystem while relaxing in the sea breeze of Taytay Bay. It is one way of promoting the municipality of Taytay by first influencing and showing this to the community for some Taytay is still an unexplored piece of paradise in Palawan.

Central Taytay National High School specifically the science organization is accountable and responsible for the proper monitoring and implanting with the guidance and



protection of the Local Government Unit and Philippines Coastguard. This will be monitored and evaluated from time to time. A safe and potential eco-friendly tourism site and learning center for everyone.

To use the balsa, visitors are requested to pay or donate a minimum amount of Php 100.00 for 4 persons for an hour or a negotiable to be utilized for the maintenance, conservation, and beautification of the Taytay coastal area.

Balsa Y Ang Banua: A Floating Learning Center is a labor of love and hardships. It involves a lot of people coming from different government agencies who helped in the creation of this raft

**Materials:**

**Bamboo Raft**

135 pcs. Bamboo Poles	20 m Fishing Net 4" eyelet
8 pcs. Plastic Drum	10 pcs. Concrete Slab
5 kg Nylon Rope #200	½ kg Copper Nail
200 pcs. Nipa Pawid	2 bundles Yantok

**Anchoring**

1 pc Plastic Drum	8 pcs Steel Bar #12mm
1 pc Stainless bar	4 bags Cement
20 cans Sand	20 m Polyester rope

**Other Materials**

2 pcs Plastic Buo

**Plastic Bottle-Made Raft**

280 pcs 1.5L recycled Plastic bottles

2 kgs Nylon rope #200



**4 pcs PVC pipe 3"**

**4 pcs Elbow pipe 3"**

**4 pcs T-pipe 3"**

**Coralone**

**Methods:** Creating a bamboo raft requires great hard work. It cannot be done simply and easily. One has to exert more effort to finish the construction of the bamboo raft as well as the plastic bottle raft. Here are the methods for making the bamboo raft and plastic bottle raft.

1. Bamboos were cut and cleaned.
2. It was transported to the seashore where the raft is to be built.
3. Builders selected bamboos through sizing
4. They cut bamboos according to length and size
5. Steel bar inserted inside the bamboo poles
6. Builders tied the bamboos using Nylon rope according to their size and length to make the floor
7. Nipa hut was built on the bamboo raft using a strip of yantok
8. Plastic drums were put under the balsa to make the balsa float
9. The balsa was stationary and located in the deep part where it faces the Taytay Bay
10. The small eco-friendly raft made of plastic bottles was made to transport the tourists/guests going to the Balsa Y Ang Banua.

**Preparation for the construction of the bamboo raft**





Preparation of bamboo poles



Bamboo raft framework



Testing of the Plastic Bottle Raft at Taytay Bay





Students were assisted by the Coastguard as the plastic raft sailed towards the bamboo raft.



Innovators enjoying the plastic-raft



Sailing in a plastic raft with Taytay's Landmark and Port Santa Isabelle as the background





Innovators about to board the Bamboo raft from the plastic raft

Inside the Bamboo raft

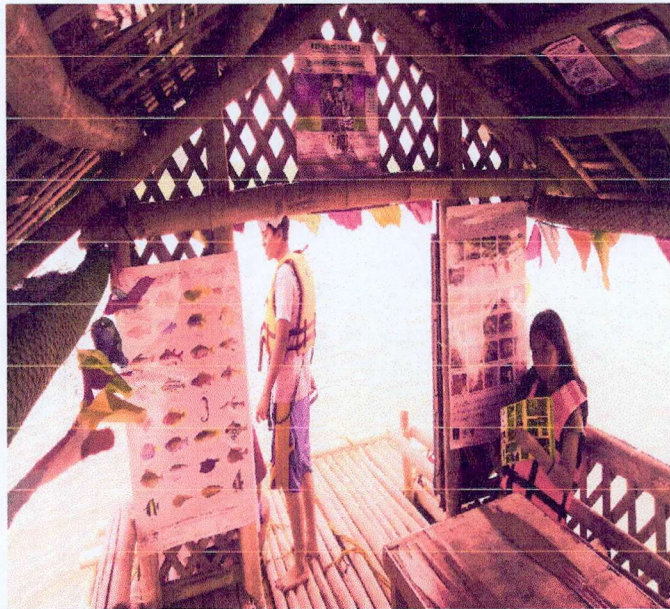
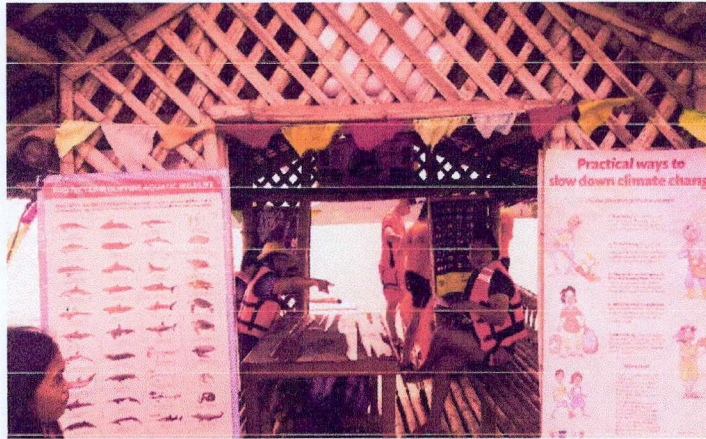


Preparation of the Floating Learning Center



Reading Materials





**POSTERS**



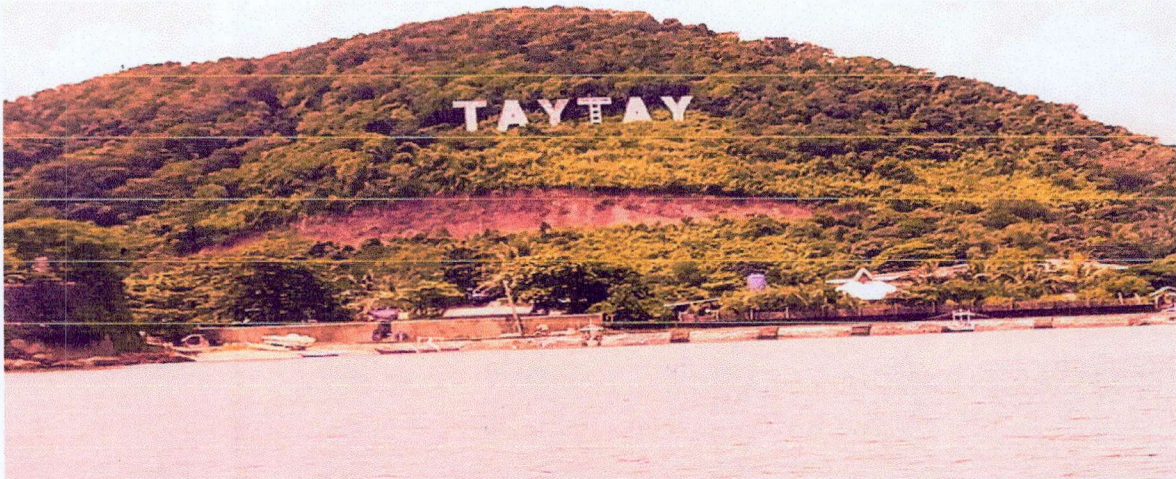
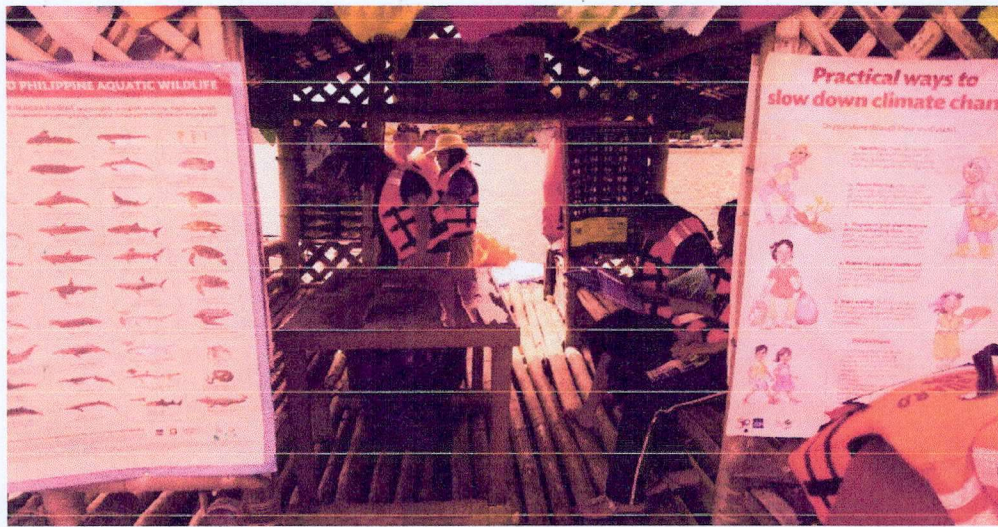
**Guests reading inside the floating center**





Partners from Municipal Tourism Office and Coastguard

Balsa Y AngBanua: A Floating Learning Center



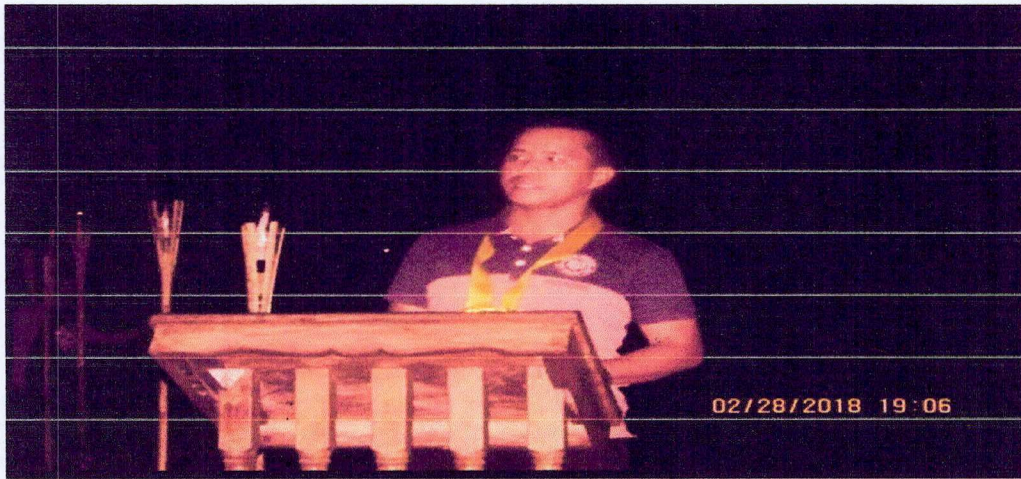
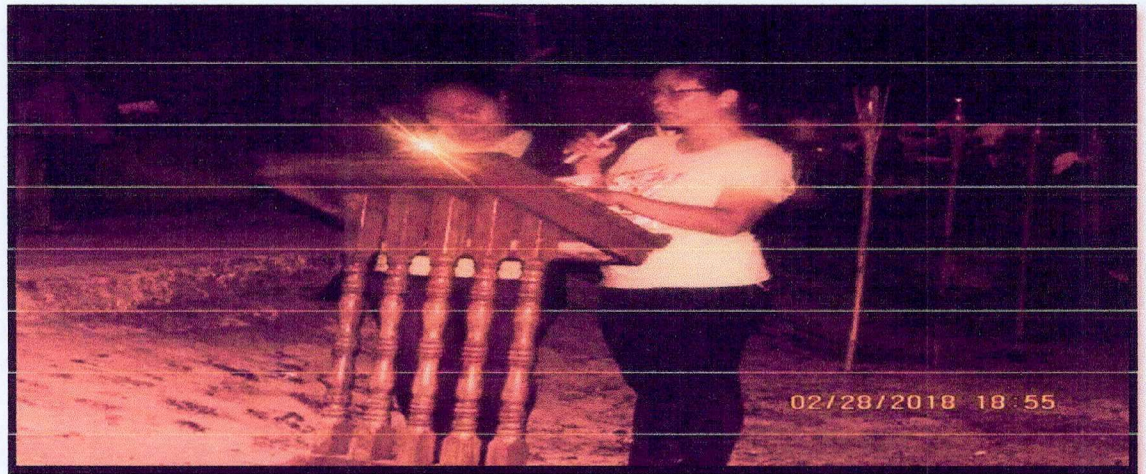
Views surrounding the Bamboo Raft are Taytay Landmark, Taytays' Heritage Fort Santa Isabelle, and the lush green trees.



Launching of Balsa Y Ang Banua: A Floating Learning Center

Feb 28,  
2018

Head of the  
Science  
Dept. giving  
a message



Head of  
the  
Municipal  
Tourism  
Office  
giving an

inspirational message

Guests from municipal government officials and foreign visitors witnessed the launch.



Construction of the  
Plastic Bottle Raft





Tying-up of 1.5 Plastic bottle



Attach Plastic Bottles to the raft framework

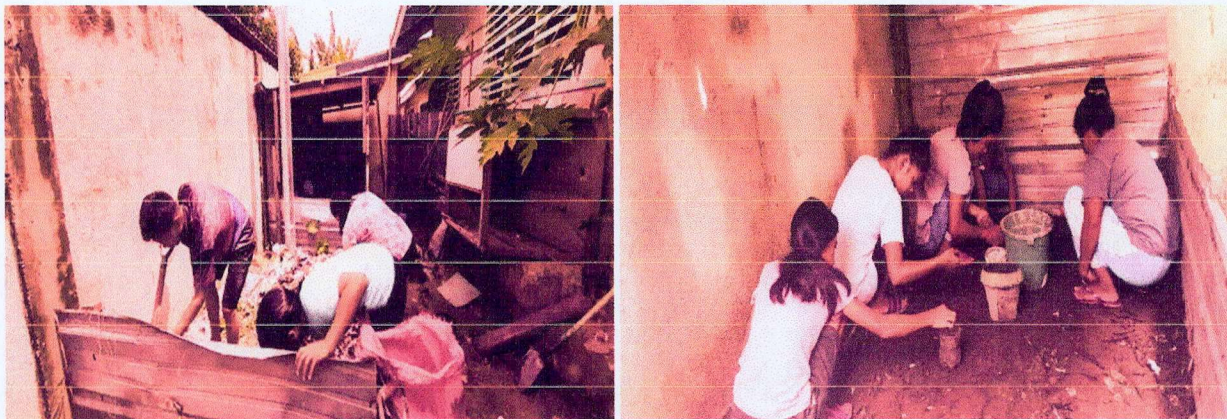


Finalization of the Plastic Bottle Raft

**Science Camp**



One of the projects that will help in the agriculture of CTNHS is the Vermicomposting. Officers of different science organizations join hand in hand to make this project possible. The project did not stop there as it was also studied by research students on its effectiveness compared to regular composting.



### **PANANAGUMAN TRIBAL GROUP GIFT GIVING**



FEBRUARY 27, 2018

