



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

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DENR MIMAROPA RECORDS SECTION
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06 JAN 2023
☐ INCOMING ☐ OUTGOING
BY _____ DATE NO. _____

December 27, 2022

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA
1515 DENR By the Bay Bldg., Roxas Boulevard,
Barangay 668, Ermita Manila

THRU : The OIC, Assistant Regional Director for Technical Services

FROM : The Provincial Environment and
Natural Resources

SUBJECT : **REPORT ON MONITORING OF ESTABLISHED MATERIAL
RECOVERY FACILITY (MRF) IN THE VARIOUS
BARANGAYS OF EL NIDO UNDER THE GREEN ECONOMY
MODEL (GEM) PROJECT**

Respectfully forwarded is the memorandum dated December 6, 2022 from CENRO Taytay along with the report of the Information, Education and Communication (IEC) Team of the TWG dated November 28, 2022 re above subject. This is our Means of Verification (MOV) for the Green Economy Model (GEM) project pertaining to the target on the conduct of regular monitoring of established Material Recovery Facility (MRF) in each Barangay under Strategy 3 for El Nido, Palawan.

The IEC Team completed the task beginning on November 16, 2022 over Barangays Mabini, New Ibajay, Villa Paz, Sibaltan, San Fernando; November 17, 2022 over the Barangays of Bagong Bayan, Bebeladan, Aberawan, Manlag, Corong-Corong, Maligaya and Buena Suerte; November 25, 2022 over the Barangays of Teneguiban, Barotuan, Pasadena, Villa Libertad and Masagana for a total of eighteen (18) Barangays. The team was joined by our EMB representative and two (2) representatives of El Nido Municipal Environment and Natural Resources Officer (El Nido MENRO).

The monitoring was made as a surprise to the Barangay Local Government (BLGUs) aiming to really catch the actual MRF management and take note of the vital issues and concerns of the Barangays.

For your information and record.



FELIZARDO B. CAYATOC
DENR-PALAWAN
PENRO-RECORDS
RELEASED
By _____
Date: 28 DEC 2022 22:3506



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

December 6, 2022

MEMORANDUM

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

FROM : The Community Environment and
Natural Resources Officer
Taytay, Palawan

SUBJECT : **REPORT ON MONITORING OF ESTABLISHED MATERIAL
RECOVERY FACILITY (MRF) IN THE VARIOUS
BARANGAYS OF EL NIDO UNDER THE GREEN ECONOMY
MODEL (GEM) PROJECT**

**DENR PENRO
PALAWAN RECORDS
RECEIVED**

BY: [Signature]
DATE: 12-5-2022 ON 22-11573

Respectfully forwarding is the memorandum dated November 28, 2022 of Information, Education and Communication (IEC) Team of the Technical Working Group (TWG) for Green Economy Model (GEM) Project pertaining to the target on the conduct of regular monitoring of established Material Recovery Facilities (MRFs) in each barangay under Strategy 3. Improved Solid Waste Management in Water of GEM CY 2022 (Current Appropriations) for El Nido, Palawan.

This serves as our Means of Verification (MOV) on the target.

For information and record.

CONRADO M. CORPUZ

**DENR CENRO
TAYTAY, PALAWAN
RELEASED**

BY: [Signature]
DATE: DEC 06 2022 / 3435



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

COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE

by the National Highway, Poblacion, Taytay, Palawan 5312

Contact No.: 09265059335 (Globe) / 09121713889 (Smart)

Email address: cenrotaytay@denr.gov.ph

November 28, 2022

DENR CENRO
TAYTAY, PALAWAN
RECEIVED

BY: *St*
DATE: *11-28-22* ON *7001*

MEMORANDUM

FOR : The Community Environment and Natural Resources Officer
Concurrent Chair of the Technical Working Group (TWG) on GEM
Attention please: Green Economy Model (GEM) Focal Person

FROM : Information, Education and Communication (IEC) Team of the TWG

SUBJECT : **REPORT ON MONITORING OF ESTABLISHED MATERIAL
RECOVERY FACILITY (MRF) IN THE VARIOUS BARANGAYS
OF EL NIDO UNDER THE GREEN ECONOMY MODEL (GEM)
PROJECT**

Respectfully submitting is our accomplishment on the Activity B.2 Conduct of regular monitoring of established Material Recovery Facilities (MRFs) in the barangays of El Nido as per the approved Work and Financial Plan (WFP) for CY 2022 of the GEM project.

Schedule

The IEC Team pursuant to DENR MIMAROPA Region Special Order had completed the task, beginning on November 16, 2022 over Barangays Mabini, New Ibajay, Villa Paz, Sibaltan, San Fernando, Bucana; on November 17, 2022 over the barangays of Bagong Bayan, Bebeladan, Aberawan, Manlag, Corong-corong, Maligaya, and Buena suerte; and on November 25, 2022 over the Barangays of Teneguiban, Barotuan, Pasadeña, Villa libertad, and Masagana or a total of eighteen (18) barangays.

The Team was joined by our EMB representative and two representatives of the El Nido Municipal Environment and Natural Resources Officer (El Nido-MENRO) on November 16. On November 17 and 25, only the El Nido-MENRO representatives were able to join the Team for reason of conflicted schedule with EMB representative. Only two (2) of the IEC Team also were able to make a round of inspection on the third (3rd) day for lack of vehicle and also for an issue of work priorities of the other members.

The monitoring was made a surprise to the Barangay Local Government Units (BLGUs) aiming to really catch what actually transpires in the respective MRF management and be able to take down the most vital issues and concerns.

Results

For purposes of space saving and orderliness in this report, the photo documentation with the necessary labels and devised/accomplished matrix are submitted in separate pages as annexes hereof.

1. Barangay Mabini was found generally clean and orderly. The MRF is situated just a bit behind the Barangay Hall. It is simple or not necessarily costly built but made up of light materials and

even recycled materials. The boxes are not full at the time of inspection and there are also trash bins properly labelled outside the Barangay Hall. The surroundings in the community are clean and store owners are being reminded to be vigilant of restrictions on littering, accordingly. Garbage collection by the Municipal LGU through MENR Office is upon call.

2. Barangay New Ibajay is more progressive in terms of infrastructure. We happened to view its MRF by the road before reaching the Barangay Hall and meeting the Barangay Officials. There was a bit of upset for the Team in seeing the MRF and the immediate surroundings. It is by the stream and it was observed that the stocks have long time been not collected from. The MRF is built of strong materials, largely of concrete and steels but there are items, including broken television sets deposited outside/beside of the facility. We have called up the attention of the Barangay Officials during the meeting. We also suggested that the collection by the MLGU may be made simultaneous with the schedule in Barangay Mabini to make a saving of time and fuel. The central community, however, was observed generally clean.
3. Barangay Villa Paz is a less developed community compared to the rest of the barangays of the municipality of El Nido, perhaps. Garbage from households is voluntary brought to the custody of the BLGU and deposited at the old stage of the Barangay. Accordingly, never in time, was there a collection of the garbage by the MLGU and there is really a voluminous stock at the site disabling the use of the stage for its purpose. They have BLGU Kapasyahan Blg 1, 2018 adapting the no plastic ordinance of the MLGU.
4. Barangay Sibaltan is a big jurisdiction. MRFs are installed purok to purok/sitios to sitios. There was a report that those MRFs installed along the highway usually are full in the morning with suspicion that those wastes are being just dropped by drivers or passengers of passing utility vehicles. Barangay Sibaltan or including the three (3) others above are orderly as to wastes minimization. Accordingly too, residents crossing the sea cannot be obliged to observe zero plastic use because their items should have to be protected from the spatters of the sea. Moreover, the interviewee said the BLGU penalizes any house hold that does not bring trashes to MRF.
5. Barangay San Fernando has an existing MRF in the plaza site with proposal for new five (5) MRFs, three (3) of which are already finished at strategic locations. The collection is by MLGU on call and their best practice on wastes management is regular clean-up plus coastal clean –up every last Friday of the month.
6. Barangay Bucana has its central community at the interior from the highway. There are two MRFs in the place, the old one as a donation of Malampaya Foundation, Inc. (MFI) while the new one is a provision of the BLGU itself which is not yet being used at the time of the inspection. While the types of garbage are segregated, it may be noticed as a bit untidy including at the various places of the community. There clean-up activity is every last Saturday of the month. It can be implied that the barangay has more garbage because there is more number of population. The Resort Management in Sitio Duli, accordingly, brings their trashes to the MRF and it also has another populated sitio Calitang where there is also a waste management of its own.
7. Barangay Bagong bayan's MRF is a remedied space partly in an old building. Trashes are being brought by the residents and we saw there few tens of sacked/segregated wastes ready for pick-up. They only collect non-biodegradable. At times, they notice an individual roaming around to buy metal wastes, empty plastics, and bottles. It also now has a truck procured out of Environmental Tourism Development Fund (ETDF) of El Nido purposely for carrying wastes materials to the landfill/dumpsite. I has an Executive Order No. 21, Series of 2019 for regular Clean-up Drive, Barangay Resolution 006-01-S-2019 for tree planting activity, and coastal clean-up every last Saturday of the month.
8. Barangay Bebeladan's community is immediately adjacent to El Nido Bay. It has its MRFs behind and beside the Health Center. The one beside the Health Center is designed that there is no way dogs could take and scatter the trashes. It is also generally clean and orderly. It has

monthly coastal clean-up being initiated/spearheaded by the Sangguniang Kabataan. There is a regular collection of garbage and BLGU highly encourages awareness of Solid Waste Management Act. Established MRF is also a requirement in getting an endorsement for the renewal of business permit. As a form of disciplinary condition, unsegregated garbage is not being collected by the BLGU.

9. Barangay Aberawan has four (4) sitios and the collection of garbage is every end of the month. BLGU does not also collect the garbage if not segregated. It has noted sometimes of individual buying empty bottles. It practices maintaining compost pit but burnings, accordingly, cannot be totally avoided. It maintains quarterly clean-up and there are three utilities attending to the MRF.
10. Barangay Manlag is a bigger community and a bit populated also because of its proximity to the town proper. The old MRF is not anymore being used while each of the three (3) sitios has the MRF. It has EO 09-2022 organizing the Barangay Ecological Waste Management Committee (BESWMC). The collection is every last Monday of the month but at times, the schedule is skipped. The Team noted, however, the scattered trashes outside of the MRF which are just few meters from the Barangay Hall. The BLGU also has called up the attention of the management of some pension houses who were suspected to be throwing rotten and smelly commodities at certain areas within their jurisdiction like vegetables and even a head of pig. They are requesting for IEC on solid waste management that the IEC Team committed to be made.
11. Barangay Corong-corong has no MRF except for mini-boxes which can only accommodate little items. Every purok, accordingly, has designated area from which the collecting truck can pick up on Fridays. The collection is more frequent because of its proximity to the town proper and there is also more businesses in the area and consequently a bigger generation of wastes also.
12. Barangay Maligaya has the most admirable MRF. It is one of the four (4) barangays comprising the town proper and the collection of garbage is on daily basis by the BLGU itself. Hence, wastes management in the barangay is not depended upon MLGU. It has the nicest MRF overall the municipality and sorting of those that can still be recycled is really being undertaken which they also consider at its best practice. It adopts the Sangguniang Bayan Ordinance on "No to Plastic". It converts some of the wastes into fertilizer. The BLGU also undertakes regular Coastal Clean-up every last Saturday of the month. The BLGU also has a shredder and another bigger unit is coming, accordingly.
13. Barangay Buena suerte collects their wastes materials two (2) times a week. At the time of the inspection the MRF is empty. The BLGU also takes the initiative of the collection in assistance to the MLGU. The BLGU also raised the issue that its effort of segregation is likely of no use because the wastes at the dumpsite are also mixed. BLGU's best practice is not allowing to bring out the garbage until the collecting truck is seen around. It has regular schedule of coastal clean-up, roadside clean-up, estero, among others.
14. Barangay Masagana which is another of the four (4) comprising the town proper adopts the Municipal Ordinance on Solid Waste Management. It initiated a program of gifting/swapping with amount of rice for certain amount of garbage being surrendered but it was not successful, accordingly, because residents do not mind.
15. Villa Libertad is another big community and it is to where the expansion of the town proper is likely undergoing. It adopts the MLGU Ordinance on Solid Waste Management and the collection of garbage is daily. It is also worth mentioning that the municipal landfill or dumpsite as of the moment is in Barangay Villa Libertad so that the vicinities of the barangay is expectedly more orderly and clean with regards wastes management. Accordingly, it also undertakes coastal clean-up twice a year and had a tree planting last September 14.
16. Barngay Pasadeña has MRF along the road but noticeably are small or not readily conspicuous to the public. Garbage collection is twice a month or every 15th and 30th of the month. It has its own truck for garbage collection and transport to the landfill/dumpsite. It regularly undertakes

coastal clean-up every second Fridays, Road Clearing every fourth Fridays and tree planting every June as an activity during environmental month, perhaps.

17. Barangay Barotuan community does Oplan Linis every 1st Saturdays. The community is remarkably clean, adopting also the MLGU Solid Waste Management Ordinance. Garbage cans are strategically installed by the road and 'topdown' (roofless tricycle) goes around on weekly basis collecting garbage and being brought to the MRF which is a very good initiative.
18. Barangay Teneguiban is last but must not be the least. It was noted however that the MRF in the community proper is installed in the easement zone which is likely unpleasant. The collection of garbage is on weekly basis. It undertakes monthly coastal clean-up every Thursday of second week of the month and road clearing every Monday of the 3rd week.

Issues and Concerns

Based on the interview with Barangay Officials and/or personnel, it appears that every barangay adopted the Municipal Ordinance on the Solid Waste Management and practiced segregation. The issues and concern of the Chairperson of Barangay Buena Suerte regarding segregated garbage collected from the barangays are being dumped all together in the Municipal Sanitary Landfill aroused the attention of the team.

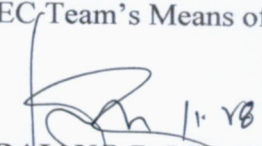
To verify, the team also visited the Municipal Sanitary Landfill of El Nido located at Sitio Pasto, Barangay Villa Libertad, El Nido, Palawan and confirmed the issued raised by Hon. Ballena. Except for utilizable garbage, glass bottles that cannot be sold, plastic bottles and wrappers, and mixed garbage were dumped altogether. Rules on reducing wastes were not followed.

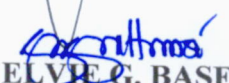
The team noticed that the Municipal Sanitary Landfill has an equipment such as shredder and bottle crusher but both are not operational.

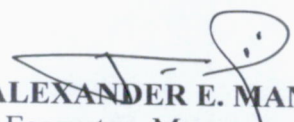
Recommendation/s

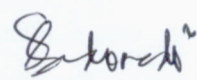
1. The team recommends inspection of the Municipal Sanitary Landfill by Environmental Management Bureau (EMB) personnel to assess the appropriateness thereof according to what the policies require.
2. The team recommends to call the attention of the MLGU through its MENRO concerning the supposed landfill which likely is a dumpsite and validates the report of the Barangay Chairman of Buena Suerte that their segregation at BLGU doesn't serve the purpose upon dumping at the destination site. The MENRO also has to collect the stocks at the temporary MRF of Villa Paz.
3. Regular monitoring of the BLGUs MRF is indeed recommendable. It is also suggested that the BLGUs should be required to regularly accomplish a self-monitoring form on waste management as basis of validation of the IEC Team. For now, the Team had to devise the matrix for the purpose subject to finalization if so needed.

This is the IEC Team's Means of Verification on the activity.


MARAIANO P. LIDANG, JR.
Development Management Officer IV


ELVIE G. BASE
Land Management Officer II


ALEXANDER E. MANCIO
Senior Ecosystem Management Specialist


RODEL M. DORADO
Forest Technician I

Barangay Mabini



1

Latitude 11.1157°
Longitude 119.50055°
Altitude 62m
Compass 139.3°
Pitch -10.928°
Roll -1.444°
Exposure
Color effect
Resolution 4032x3024



2



3

Barangay New Ibajay



1

Latitude 11.18941°
Longitude 119.50901°
Altitude 9m
Compass 357.0°
Pitch -4.471°
Roll -0.375°
Exposure
Color effect
Resolution 4032x3024

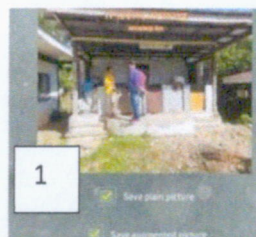


2



3

Barangay Villa Paz



1

Latitude 11.2069°
Longitude 119.5385°
Altitude 66m
Compass 96.5°
Pitch -1.812°
Roll -0.467°
Exposure
Color effect
Resolution 4032x3024

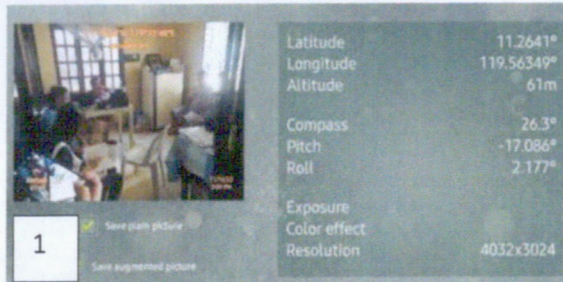


2



3

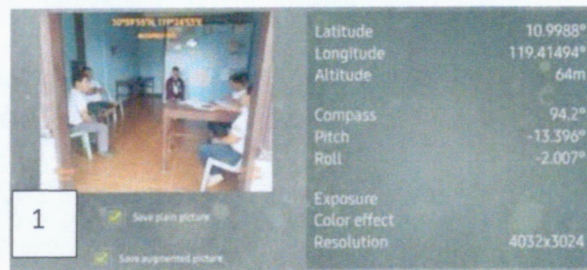
Barangay Sibaltan



Barangay Bucana



Barangay Bagong bayan



<div>Barangay Bebeladan</div> <div>  <div> <div>1</div> <div>Save plain picture</div> <div>Save augmented picture</div> </div> </div> <div> <div>Latitude</div> <div>Longitude</div> <div>Altitude</div> <div>Compass</div> <div>Pitch</div> <div>Roll</div> <div>Exposure</div> <div>Color effect</div> <div>Resolution</div> </div> <div> <div>11.03863°</div> <div>119.38385°</div> <div>45m</div> <div>199.9°</div> <div>-11.179°</div> <div>0.315°</div> <div></div> <div></div> <div>4032x3024</div> </div>
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