



# Environmental Monitoring Report

## **Pre - Construction Phase**

April 2023

**Myint & Associates**  
Offshore Supply Base Ltd.



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## 1. Executive Summary

Myint & Associates Offshore Supply Base Ltd (M&AOSB) is planning to develop an Offshore Supply Base (OSB) near Nga Yoke Kaung Bay in Ayeyarwady Region which is located approximately 40 km south of the town of Ngwe Saung. The project site is surrounded by Goyangyi Island to the west and Nanttharpu Village tracks to the south.



*Figure 1. M&AOSB Location*

The project includes the construction of a jetty (300 m long), a cause way (400 m long) and an offshore facility (12.12 ha). The supply base will consist of short-term and long-term storage facilities, custom inspection area, main office area, accommodation area and other utilities required for the support of offshore oil and gas exploration & developing activities.

Since 2016, M&AOSB has begun socialization of its proposed project activities with the members of the local community by hosting public meetings and regular engagements. M&AOSB established its Corporate Social Responsibility (CSR) program in 2017. In terms of environmental management, M&AOSB has completed its Environmental Impact Assessment (EIA) processes and Environmental Compliance Certificate was awarded on 24<sup>th</sup> April 2019 by Environmental Conservation Department (ECD) under Ministry of Natural Resources and Environmental Conservation (MON-REC).

### 1.1 Key Highlights (October 2022 to March 2023)

- Construction contractor selection for the M&AOSB project is finalized and intended to award to China Harbour Engineering Co., Ltd – CHEC as the design

and build (D&B) contractor. Environmental Management Plans (EMPs) and Environmental Monitoring Plans (EMoPs) are in preparation and these will be finalized in coordination with the Construction contractor and submitted to ECD prior to the start of construction.

- Other requirements, including detailed information about the project such as the final layout plan with facilities lists will be included in subsequent reports.
- In accordance with clause D-6 of ECC, the environmental monitoring reports will be prepared and submitted to ECD every 6 months during the project.
- During this monitoring period, there were no relevant construction activities on site, mainly due to the COVID-19 outbreak and recent political situation.
- Myanmar's recent political developments may pose some additional challenges going forward with regards to project progress.
- In the second six months of the Fiscal Year 2022 – 2023 (October 2022 – March 2023), M&AOSB's CSR Program implemented Community Investment Initiatives including Community Infrastructure Development, Community Livelihood Development, Community-led Waste Management and Corporate Philanthropy. There was no grievance case received during this reporting period.

## 2. Introduction

Periodic environmental monitoring will be conducted by M&AOSB or any Consultant M&AOSB may appoint. The environmental inspection and compliance monitoring program will be implemented under the direction and guidance of Ministry of Natural Resources and Environmental Conservation (MONREC).

The Environmental Monitoring Report (Pre-construction Phase) No.08, dated 28<sup>th</sup> April 2023, covers the monitoring period from October 2022 to March 2023. Prior to the commencement of Construction works, M&AOSB shall inform and report to MONREC and ECD.

The Construction Monitoring Report will be prepared in accordance with clause D-6 of the ECC. Summary of the monitoring activities will be included in the report and M&AOSB will report to the Ministry with the frequency of not less than six (6) months. This Construction Monitoring Report shall include:

- i) Documentation of compliance with all conditions of this ECC, in particular on the commitments made in Table 8.2 of the EIA report;
- ii) Progress made to date on implementation of EMPs against the submitted implementation schedule;
- iii) Difficulties encountered in implementing EMPs and recommendations for remedying difficulties and steps to prevent or avoid similar future difficulties;
- iv) Number and type of non-compliances with EMPs and proposed remedial measures and timelines for completion of remediation;
- v) Summary of self-monitoring reports including explanatory remarks;
- vi) Summary of accidents or incidents relating to the occupational and community health and safety;
- vii) Summary of complaints and grievances redress mechanism (GRM).

## 3. Roles and Responsibility

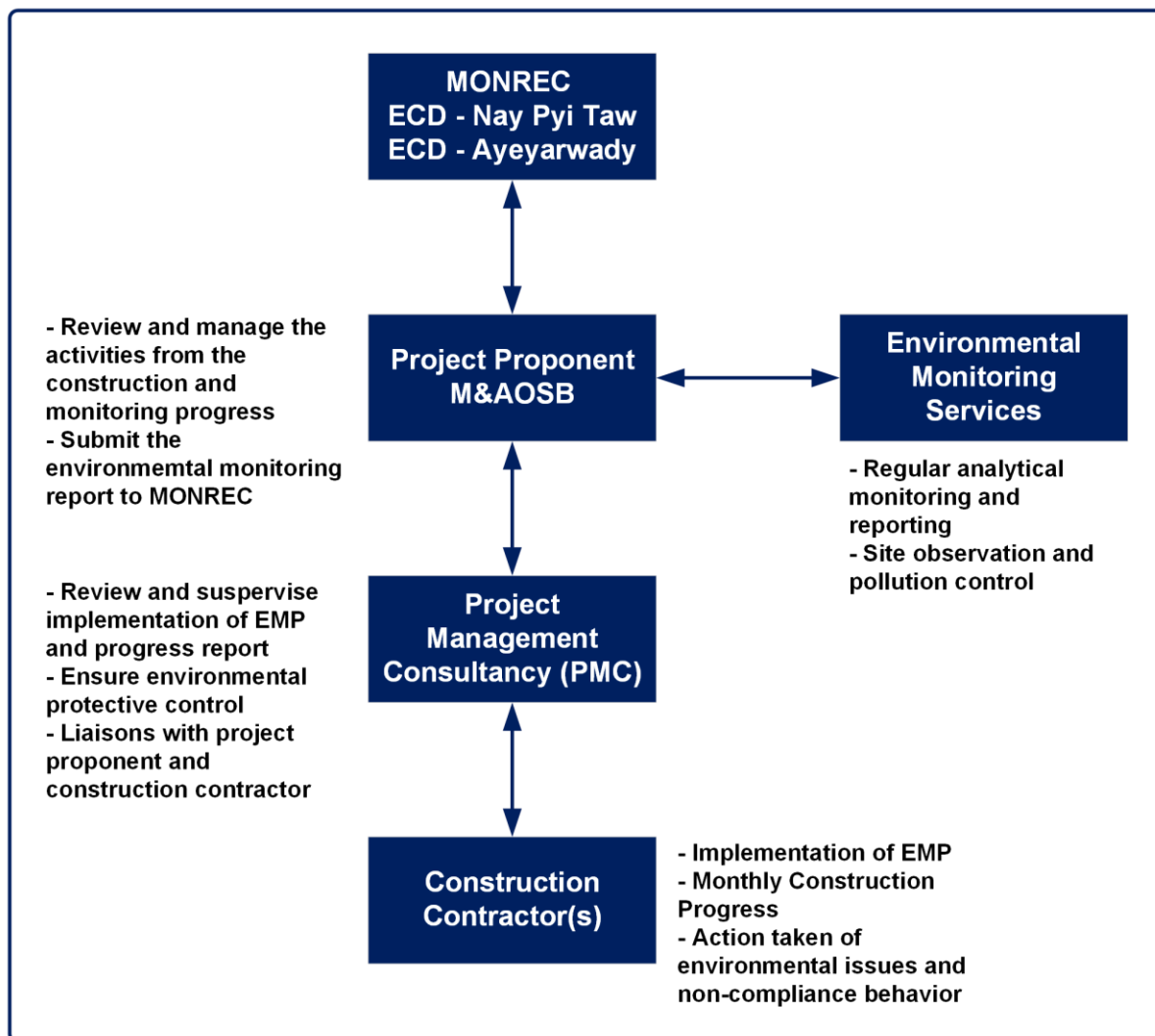
**Project Proponent (M&AOSB)** – shall monitor all construction activities and carry out random site inspection under the guidance and supervision of Project Management Consultancy (PMC) in strict compliance with the conditions of the ECC and liaise with the Ministry. Project proponent is accountable for the timely submission of Environmental Monitoring Reports to MONREC.

**Construction Contractor(s)** – shall implement EMPs defined in the ESIA and ECC and carry out continuous risk assessment and environmental controls on all construction activities. It is their duty to enforce all sub-contractors to follow prescribed environmental control measures. Construction contractor is accountable for the implementation of EMPs and other obligations from the EIA and ECC.



**Environmental Monitoring Services** – shall undertake monitoring of all environmental and social parameters prescribed in the EIA. Environmental Monitoring Services shall prepare a report of findings with analysis of the project’s environmental and social conditions. Environmental Monitoring Services will be performed by either a third party Contractor, M&AOSB in-house resources or a combination of both.

**Note:** *CHEC is the selected Contractor, however due to ongoing COVID-19 outbreak, commencement of Construction and Contract signature has been delayed. Further information on Contractor and construction plan will be provided once Construction contract is signed.*



**Figure 2. Institutional Framework of Environmental Monitoring Reporting**

This institutional framework of environmental monitoring report (Figure – 2) applies to the construction phase only. Once Construction starts, the framework will be further elaborated. The operational phase will be prepared upon completion of the construction phase and before the commencement of operations.

#### **4. Current Project Environment**

There were no construction activities during October 2022 to March 2023. M&AOSB finalized the tendering process and awarded the Construction activities to China Harbour Engineering Construction Ltd. (CHEC), by issuing the Letter of Acceptance (LOA) on 20 November 2019. M&AOSB is now in the process of formalize and finalize the construction Contract for the Design and Build works, which is dependent upon normalization of COVID-19 situation in Myanmar.

Given the specifics of M&AOSB project location, located in a rural area with not much health infrastructures in place, priority has been to comply with local township rules and restriction and to minimize the number of people on site, particularly people coming from other regions. Therefore, activities like site clearance, surveying on both on-shore and offshore, mobilization and design works have not started.

#### **Challenges and its Impact on Project Progress**

Referring to the COVID-19 situation in Myanmar, M&AOSB is taking robust actions in compliance with the guidelines from both WHO and the Ministry of Health (MOH) for the well-being of the employees and communities, with a sense of collective responsibility as our top priority. At the moment, these actions include requirements for self-isolation, maintaining social distance as much as possible, being encouraged to wear a mask in densely populated and enclosed areas with poor ventilation, and practicing daily hygiene. M&AOSB cares about both employees' health and safety as well as the Project Community Area; therefore have conducted response actions such as work from home and Financial Contribution to Community. During the monitoring period covered by this report, there were no grievance cases, where M&AOSB remained committed to applying best practices in compliance with the MOH Guidelines. Continued monitoring of the COVID-19 status and the spreading of the COVID-19 infection is still needed to follow actions taken by the COVID-19 Prevent, Control, and Treatment National Level Central Committee. M&AOSB will strictly adhere to the measures defined by the Central Committee.

M&AOSB remains highly committed towards the development of the Ayeyarwady region in general and the construction and operation of Nga Yoke Kaung Offshore Supply Base in particular. Continues the extension request in progress of Environmental Compliance Certificate (ECC) and MIC permits for Construction Periods that were end of validity on the permitted periods and requires to apply six months in advance of these permits. However, the recent political challenges will likely impact the progress of the Project.

## **5. Project Progress**

### **5.1 Technical Survey (Electrical Transmission Line Survey)**

M&AOSB asked quotations from (3) potential contractors for the connection of the electrical transmission line from Nga Yoke Kaung Town Substation to the site. M&AOSB will work together with Regional Electricity Engineer Office for the technical survey in line with the timeline of the construction of the project. These activities are on hold until normalization of COVID-19 outbreak.

### **5.2 Way Forward of Design and Build Contractor Activities**

Design and Build Contractor selection is finished and intended to award to China Harbour Engineering Co.,Ltd (CHEC). Letter of Acceptance was awarded on 20 November 2019. The contract signature is on hold due to the current situation of COVID-19. During this period, CHEC conducted a site survey in connection to the rock supply on 12 to 13<sup>th</sup> March 2020. Remaining surveys, both onshore and offshore are still pending and waiting on the developments of COVID-19 outbreak.

### **5.3 Progress of Environmental Monitoring Service**

Environmental Monitoring Services selection is finished and intended to award to Myanmar Koei International Co.,Ltd (MKI). Letter of Acceptance – LOA awarded on 8<sup>th</sup> January 2020. MKI will be mobilized in parallel with CHEC.



## 6. Environmental Management

The M&AOSB project is in its pre-construction phase. During the period covered by this report and as explained in the previous sections, there was no activity at the project location except the implementation of CSR initiatives.

### 6.1 Environmental Management Plans (Construction Phase)

Prior to the construction phase, M&AOSB and the Design & Build Contractor will jointly develop the following (7) sub-management plans as per ECC Clause C-10:

- Emergency Response Plan
- Traffic Management Plan
- Waste Management Plan
- Livelihood Restoration and Compensation Plan
- Biodiversity Management Plan
- Water Quality and Sediment Management Plan
- Occupational Health and Safety Plan

In addition to the above-mentioned (7) plans, oil spill contingency plan, disposal plan for dredging materials, decommissioning plan and final layout with facilities lists for each phase will be prepared together with the Construction Contractor in accordance with ECC clauses C-7, C-5, C-11 and C-6 respectively.

The above-mentioned plans will be prepared according to the below:

#### *Step (1)*

The Construction Contractor will lead the development of the sub-management plans with the collaboration of M&AOSB. Once finalized, these sub-management plans will be submitted to ECD.

#### *Step (2)*

The sub-management plans will be implemented by both the Construction Contractor and the M&AOSB as described in the sub-management plans.

#### *Step (3)*

The implementation of the sub-management plans will be continuously monitored to ensure compliance with the plans. The relevant information about the sub-management plans will be reported to ECD as part of Environmental Monitoring Reports.

## **Progress on EMPs**

During the period between October 2022 to March 2023, several sub-environmental management plans were drafted by Contractor and reviewed by M&AOSB and its Consultants:

- 1) Marine Spill Management Plan
- 2) Spill Contingency Plan
- 3) Environmental Management Plan
- 4) Dredging Environmental Management Plan
- 5) Labour Camp Management Plan
- 6) Corporate Health and Safety, Environmental Procedure
- 7) Waste Management Plan

Referred to the previous Environmental Monitoring Report (April 2020), the following management plans has been completely submitted.

- 1) Project HSE Plan
- 2) Emergency Response Plan for Offshore
- 3) Emergency Response Plan for Onshore
- 4) Biodiversity Management Plan
- 5) Livelihood Restoration and CSR Plan
- 6) Operational Grievance Mechanism (OGM) flow diagram for Construction Phase

EMPs are live documents and shall be implemented and adjusted in accordance with the continual development as result of the monitoring data.

The developing of environmental management plans are supposed to have a best practice of environmental management systems to establish as condition from ECC clause C-1. The development of EMPs for the operational phase will be prepared upon completion of the construction phase and before the commencement of operations.

## **6.2 Environmental Monitoring Plan (Construction Phase)**

During the period from October 2022 to March 2023, there were no site activities requiring Environmental Monitoring. Environmental Monitoring Plan (EMoP) for Construction Phase has been submitted on the previous Environmental Monitoring Report (April 2020) and shall be revise and disclose if amendments or changes are performed. Regarding the EMoP Construction Phase, shall be in compliance with ECC clauses D-1, D-2, D-3, D-4, D-6 and D-7 respectively.





Myint & Associates Offshore Supply Base Ltd.

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## Operational Grievance Mechanism &



## Corporate Social Responsibility





## 7. Corporate Social Responsibility

M&AOSB believes that corporate social responsibility (CSR) pertains to people and organizations behaving and conducting business ethically and with sensitivity towards social, cultural, economic, and environmental issues. Striving for social responsibility helps individuals, organizations, and governments have a positive impact on development, business, and society.

We have practiced the CSR policy to manage social impacts and contribute to sustainable development of the communities in the project area since 2017. We always ensure our business operations run with the agreement from all stakeholders involved in the community to portray our business as responsible and sustainable, which can lead to solving the challenges that come across during business activities.

Since 2020, we have to operate the business and community development activities with minimum workforce and resources due to the outbreak of COVID-19 pandemic, which has presented a serious threat on public health and resulted in disruptions to the development of human society.

In the second six months of the Fiscal Year 2022-2023 (October 2022 – March 2023), M&AOSB's CSR Program implemented Community Investment Initiatives including Community Infrastructure Development, Community Livelihood Development, Community-led Waste Management and Corporate Philanthropy.

### 7.1 Community Infrastructure Development

M&AOSB ensures that community infrastructure in the project area is provided in current needs and appropriate locations after conducting community needs assessment sessions. In the Fiscal Year 2022-2023, M&AOSB's CSR Program supported the local schools on a needs basis and dedicated a portion of an annual infrastructural budget for school renovation and supply projects.

#### **Listening to Community Feedback: Spotting Out Social Investment Impacts**

In the second quarter of this Fiscal Year, M&AOSB's CSR Program donated a GSS stainless steel water tank (1,000 liters) to Basic Education High School of Nga Yoke Kaung Town. The CSR Program completed a provision of five (8' x 4') length whiteboards and conducted classroom floor renovation and wall painting for Basic Education High School (Sub) of Nanttharpu Village. The CSR Program also provided a hand-washing station with eight taps for the Basic Education High School (Sub) of Kyway Chaing Village.

At M&AOSB, it is really important to seek feedback and responses from the beneficiaries or the community members who received the impacts of our project activities. We hope the feedback practice will allow us to be responsive to the needs of communities, innovate our program initiatives, surface hidden problems and be more effective

in impact delivery during the social investment journey. Therefore, M&AOSB's CSR Field Team met with some of the community members to follow up on the impacts of our social investment initiatives around the project area.



**Figure 3. Meeting with Community Members for Social Investment Impacts**



**U Zaw Oo**

Headmaster

Basic Education High School

Nga Yoke Kaung Town

M&AOSB's CSR Program donated a GSS stainless steel water tank (1,000 liters) to our school last August. Before M&AOSB's support, the amount of clean water that could be stored was only 600 liters, so students didn't get enough clean water. Now, due to the company's provision of a 1,000 liters steel tank, we are now able to store a total of 1,600 liters of clean water, and all students and teachers can drink safe water at any time as much as they want. The provision of a 1000 liters steel tank makes 634 students get clean water, and the water produced by the purifier can be stored generously.

Currently, the main support for our community development comes from the M&AOSB's CSR Program. We are aware of all the social investment initiatives conducted by M&AOSB's CSR Program in our region. The company's support is very valuable and useful for our community because the company provides the necessary support in a timely manner after discussing it with the respective stakeholders. On behalf of all the students, parents, and teachers, I would like to thank M&AOSB's CSR Program for its kind contributions and support to our school.

**Daw Kyin Htay**

Headmistress

Basic Education High School (Sub)

Nanttharpu Village Tract

M&AOSB's CSR Program has recently supported us in repairing school classroom floors, painting classroom walls, and providing five whiteboards with (8' x 4') lengths. The provision of these needed things from M&AOSB's CSR Program is great, it helped us with reconditioning our school making it more presentable and comfortable for the students and teachers alike.

In the past, teachers used to write on the board with chalk and suffered chalk dust in the air. It affected their health, and sometimes the dust would annoy their eyesight. Now writing on these new whiteboards is more efficient and convenient. Further, the previous concrete floor had cracks and potholes, and the classroom wall was quite mucky. Now, everything looks better and cleaner and the kindergarten (KG) students are excited to be learning in this renovated classroom.

Many thanks to M&AOSB's CSR Program for its kind contributions to our community. I hope that the company continues supporting the community's needs in the future.

**Maung Swan Yee Htet**

Grade-9 Student

Basic Education High School (Sub)

Kyway Chaing Village Tract

There are 180 students in our school. Students and teachers are using the handwashing station donated by M&AOSB's CSR Program. The new station is used not only for washing hands but also for filling drinking water bottles.

Before M&AOSB's donation, for senior students like us, it was very inconvenient as we had to wash our hands at the small and portable sinks. Now, at the new handwashing station with eight taps, students are more eager to wash their hands and pay more attention to hygiene now than before at these designated washing stations.

Currently, M&AOSB and hotels around our region come to donate what is needed for the school or the village. I would like to express my gratitude to M&AOSB's CSR Program for providing the handwashing station that is very much needed for our school. I wish M&AOSB continues with its community development initiatives so that we have a better and safer environment.



## 7.2 Community Livelihood Development

M&AOSB is committed towards improving the community livelihood and helping them achieve self-reliance. On 6 December 2022, M&AOSB's CSR Program distributed a total of (30) Thai indigenous chickens to the community members in the project area with the aims to improve the local poultry farming and to spread purebred chickens in the region.



**Figure 4. Distributing Thai Indigenous Chickens to Community Members around M&AOSB's Project Area**

## 7.3 Capacity Building

M&AOSB believes it is our responsibility to strengthen our staff capacity for their own development and for our core achievement in a sustainable manner. Due to the COVID-19 outbreak and restriction, M&AOSB's CSR Program has put emphasis on the internal capacity building initiative and delivered a refresher course to the CSR Team on the company's Operational Grievance Mechanism (OGM) in November 2022.





**Figure 5. Delivering Refresher Course on OGM to M&AOSB's CSR Team**



## 7.4 Corporate Philanthropy

At M&AOSB, corporate philanthropy is recognized as promoting the welfare of others, generally through charitable donations of funds or time. We also encourage and contribute in the celebrations and sportsmanship of the community.

M&AOSB offered Kathina robes to six monasteries in Nanttharpu Village Tract, Kyway Chaing Village Tract and Nga Yoke Kaung Town on 7 November 2022.

On 9 January 2023, M&AOSB's CSR Team joined the School Family Day and Award Ceremony events at the schools of Nga Yoke Kaung Town and Nanttharpu Village Tract.

Moreover, on 1 February 2023, M&AOSB contributed financial support of MMK 500,000 to Nga Yoke Kaung Football Team of Nga Pu Taw Township Soccer Championship for the celebration of 76<sup>th</sup> Anniversary of Union Day.

M&AOSB donated a total cash of MMK 5 million for the renovation work of Mawtinzun Pagoda in Haing Gyi Kyun on 18 February 2023.

The company actively participate in corporate philanthropic initiatives to enhance the relationships with the key stakeholders and to generate business value.







**Figure 6. Offering Annual Donation of Kathina Robes to Monasteries around M&AOSB Project Area**



**Figure 7. Supporting School Family Day and Award Ceremony Events at Nga Yoke Kaung Town and Nanttharpu Village Tract**



**Figure 8. Contributing Fund to Nga Yoke Kaung Football Team of Nga Pu Taw Township Soccer Championship**



## 7.5 Community-led Waste Management

M&AOSB's CSR Program initiated the community-led waste management program by introducing Trash Hero Gaw Yan Gyi Chapter to the community based on the results of the community needs assessment in December 2020. The initiative was introduced as the waste management issue was one of the major concerns raised by all three communities around the M&AOSB's project area.

Trash Hero Gaw Yan Gyi Chapter was aimed to cover Nanttharpu Village Tract, Kyway Chaing Village Tract, and Nga Yoke Kaung Town. M&AOSB's CSR Program supported the Chapter's cleanup activities with the collaboration of the community. The Chapter has been active in cultivating meaningful environmental changes and creating a cleaner and more sustainable community.

In this reporting period, Trash Hero Gaw Yan Gyi Chapter conducted a total number of (7) cleanup events. Since its first cleanup on 20 December 2020, the Chapter has organized a total of (28) cleanups and collected a total of (2,895) kg of trash in Nanttharpu Village Tract. It has mobilized a total of (807) heroes including (214) adults and (593) kids over two-year old cleanup journey.

The CSR Program donated protective masks, gloves, trash bags, and provided transportation for all cleanups, as well as food and drinking water for the volunteers. Trash Hero Gaw Yan Gyi Chapter received generous contributions and warm supports from both M&AOSB and the Nanttharpu community. The collaboration efforts were conducted to reduce the negative impact on the environment and to inspire long-term behavior change in the community through local cleanups and litter pickups.



**Figure 9. Trash Hero Gaw Yan Gyi Cleanup Statistics since December 2020**











**Figure 10. Organizing Trash Hero Gaw Yan Gyi's Cleanup Activities in Nanttharpu Village Tract and Gaw Yan Gyi Island**

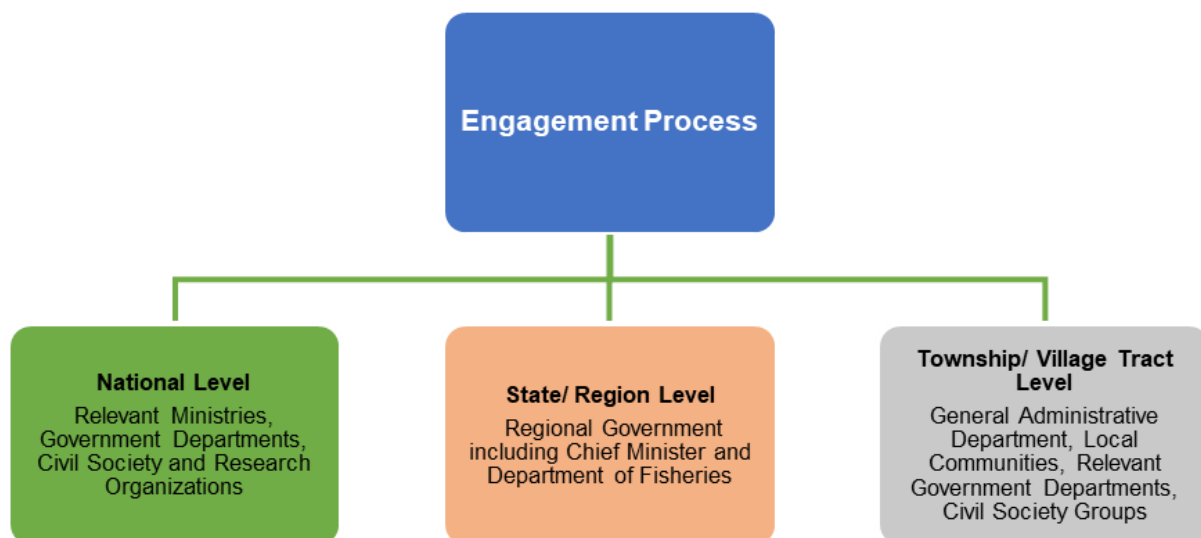


## 7.6 Stakeholder Engagement and Information Disclosure

Being a socially responsible business, M&AOSB always acknowledges the importance of engagement and buy-in from all of its stakeholders. Stakeholder engagement is recognized as a fundamental accountability mechanism since it obliges an organization to involve stakeholders in identifying, understanding and responding to sustainability issues and concerns, and to report, explain and answer to stakeholders for decisions, actions, and performance.

Due to the COVID-19 outbreak and its strict restrictions, we had to reduce conducting regular engagement meetings with the stakeholders. Before severe outbreak of COVID-19 pandemic, we used to organize periodic meetings with the stakeholders at the regional and local levels.

Starting from 1 October 2022 to 31 March 2023, we managed (41) engagement meetings with a total of (127) local stakeholders. In those meetings, our CSR Team provided the CSR performance, and also tried to identify concerns of the stakeholders and listened their voices.



**Figure 11. M&AOSB Engagement Process**

### Stakeholder Engagement Table

Month	No. of Participants	No. of Engagement Hours	No. of Man-Hours
October 2022	26	3.67	34.00
December 2022	47	6.17	107.75
January 2023	34	3.75	47.25
February 2023	12	1.75	7.50
March 2023	8	1.59	4.33
<b>Grand Total</b>	<b>127</b>	<b>16.93</b>	<b>200.83</b>

M&AOSB engaged with the key stakeholders as per the following activities.

Date	Engagement	Key Discussion	Location
26-Oct-2022	Meeting with Nanttharpu Village Administrator and Elders	Distributing Quarterly CSR Bulletins	Nanttharpu
27-Oct-2022	Meeting with Kyway Chaing Village Administrator and Elders	Distributing Quarterly CSR Bulletins	Kyway Chaing
28-Oct-2022	Meeting with Nga Yoke Kaung Township Administrator, Ward (1) and (2) Authorities and Elders	Distributing Quarterly CSR Bulletins	Nga Yoke Kaung
7-Dec-2022	Meeting with Nanttharpu and Kyway Chaing Villagers	Distributing Chickens to the Villagers	M&AOSB's Site Office
7-Dec-2022	Meeting with Nga Yoke Kaung Carpenter Trainee	Monitoring and Evaluation Process	Nga Yoke Kaung
11-Dec-2022	Meeting with Nga Yoke Kaung Heavy Machine Trainee	Monitoring and Evaluation Process	Nga Yoke Kaung
9-Dec-2022	Meeting with Nga Yoke Kaung Mason Trainee	Monitoring and Evaluation Process	Nga Yoke Kaung
15-Dec-2022	Meeting with Nanttharpu Mason Trainee	Monitoring and Evaluation Process	Nanttharpu

20-Dec-2022	Meeting with Nga Yoke Kaung Value Added Trainee	Monitoring and Evaluation Process	Nga Yoke Kaung
31-Dec-2022	Meeting with Kyway Chaing Village Administrator and Elders	Distributing Quarterly CSR Bulletins	Kyway Chaing
2-Jan-2023	Meeting with Nanttharpu Village Administrator and Elders	Distributing Quarterly CSR Bulletins	Nanttharpu
3-Jan-2023	Meeting with Nga Yoke Kaung Township Administrator, Ward (1) and (2) Authorities and Elders	Distributing Quarterly CSR Bulletins	Nga Yoke Kaung
4-Jan-2023	Meeting with Nanttharpu Village Administrator and Elders	Distributing Quarterly CSR Bulletins	Nanttharpu
30-Jan-2023	Meeting with Nga Yoke Kaung Township Administrator	Meeting for Nga Yoke Kaung Football Team	Nga Yoke Kaung
1-Feb-2023	Meeting with Nga Yoke Kaung Township Administrator	Donating MMK 500,000 for Nga Yoke Kaung Football Team	Nga Yoke Kaung
22-Feb-2023	Meeting with Kyway Chaing Village Administrator and Elders	Updating Stakeholder List	Kyway Chaing
22-Mar-2023	Meeting with Kyway Chaing School Clerk	Need Assessment for FY 2023-2024	Kyway Chaing
22-Mar-2023	Meeting with Nanttharpu School Teacher	Need Assessment for FY 2023-2024	Nanttharpu
24-Mar-2023	Meeting with Nga Yoke Kaung School Teacher	Need Assessment for FY 2023-2024	Nga Yoke Kaung



## 7.7 Communicating CSR

M&AOSB recognizes the importance of providing all its stakeholders the right message at the right time. We always convey true and transparent information of our social investment updates through all available communication channels. It is our honor to carry out community development initiatives, and also pleased to inform these development updates to the stakeholders.

We presented CSR progress information in the quarterly business report to Myanmar Investment Commission (Naypyitaw), and produced quarterly CSR Bulletins to disclose community investment initiatives, implemented at the project area in these two quarters of the reporting time. We informed our quarterly CSR progress to the community members by publishing and distributing the CSR Bulletins in Nanttharpu Village Tract, Kyway Chaing Village Tract and Nga Yoke Kaung Town.

In the reporting time, M&AOSB distributed the quarterly CSR Bulletins for the period from July 2022 to September 2022 and for the period from October 2022 to December 2022 to Village Administrators and Community Elders and published on community noticeboards in Nanttharpu Village Tract, Kyway Chaing Village Tract and Nga Yoke Kaung Town. The CSR Bulletins were also released on the company's corporate website under the section of Publication.



**Figure 12. Publishing CSR Bulletins for the Period from July 2022 to September 2022**





**Figure 13. Distributing CSR Bulletins for the Period from July 2022 to September 2022**



**Figure 14. Publishing CSR Bulletins for the Period from October 2022 to December 2022**





**Figure 15. Distributing CSR Bulletins for the Period from October 2022 to December 2022**





Figure 16. CSR Bulletin for the Period from October 2022 to December 2022





M&AOSB ၏ သုံးလပတ်ကာလအတွင်း ဆောင်ရွက်ပြီးစီးခဲ့သော  
CSR လုပ်ငန်းအစီအစဉ်များ

M&AOSB ကုမ္ပဏီ၏ CSR ကွင်းဆင်းဝန်ထမ်းများအဖွဲ့သည် ၂၀၂၂ ခုနှစ်၊ နိုဝင်ဘာလ (၇) ရက်နေ့တွင် ငရုတ်ကောင်းမြို့၊  
ကြွေချိုင့်ကျေးရွာအုပ်စုနှင့် နံ့သာပုကျေးရွာအုပ်စုရှိ ဘုန်းကြီးကျောင်းများသို့ သွားရောက်၍ နှစ်စဉ်ကျင်းပပြုလုပ်သော  
မဟာဘုံကထိန်အတွက် လှူဖွယ်ပစ္စည်းများ ဆက်ကပ်လှူဒါန်းခဲ့ပါသည်။



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Figure 17. CSR Bulletin for the Period from October 2022 to December 2022





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၂၀၂၂ ခုနှစ်၊ ဇူလိုင်လမှ စက်တင်ဘာလအထိ ဆောင်ရွက်ပြီးစီးခဲ့သော M&AOSB ကုမ္ပဏီ၏ CSR လုပ်ငန်းဆောင်ရွက်ချက်များကို ငရုတ်ကောင်းမြို့၊ ကြွေချိုင့်ကျေးရွာအုပ်စု၊ နံသာပုကျေးရွာအုပ်စုနှင့် စီမံကိန်းနယ်မြေရုံးဝင်းရှိ ကြော်ငြာသင်ပုန်းများ၌ အသိပေးဖော်ပြခဲ့ပါသည်။



၂၀၂၂ ခုနှစ်၊ ဇူလိုင်လမှ စက်တင်ဘာလအထိ ဆောင်ရွက်ပြီးစီးခဲ့သော M&AOSB ကုမ္ပဏီ၏ CSR လုပ်ငန်းဆောင်ရွက်ချက်များ စုစည်းတင်ပြထားသည့် လက်ကမ်းစာစောင်များကို ငရုတ်ကောင်းမြို့၊ ကြွေချိုင့်ကျေးရွာအုပ်စုနှင့် နံသာပုကျေးရွာအုပ်စုရှိ ရပ်မိရပ်ဖများထံ ၂၀၂၂ ခုနှစ်၊ အောက်တိုဘာလ (၂၆) ရက်၊ (၂၇) ရက်နှင့် (၂၈) ရက်နေ့များတွင် ဖြန့်ဝေခဲ့ပါသည်။



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Figure 18. CSR Bulletin for the Period from October 2022 to December 2022





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စွမ်းရည်မြှင့်တင်ခြင်းအစီအစဉ်တစ်ရပ်အနေဖြင့် M&AOSB ကုမ္ပဏီ၏ CSR ဝန်ထမ်းများအား အကြံပြုဆွေးနွေးခြင်း လုပ်ငန်းစဉ် (Operational Grievance Mechanism – OGM) နှင့်ပတ်သက်သော မွမ်းမံသင်တန်းကို ၂၀၂၂ ခုနှစ်၊ နိုဝင်ဘာလ (၁၅) ရက်တွင် စီစဉ်ပို့ချခဲ့ပါသည်။



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Figure 19. CSR Bulletin for the Period from October 2022 to December 2022





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CSR လုပ်ငန်းအစီအစဉ်များ

M&AOSB စီမံကိန်းနယ်မြေဒေသရှိ ဒေသခံလူထု၏ ကြက်မွေးမြူရေးလုပ်ငန်းများ ပိုမိုတိုးတက်စေရန်နှင့် ဒေသ၌ မျိုးကောင်းမျိုးသန့်ကြက်များ ပြန့်ပွားစေရန်ရည်ရွယ်၍ ယိုဒယားကြက်သားပေါက်အကောင် (၃၀) ကို စီမံကိန်းနယ်မြေ ဒေသသို့ ၂၀၂၂ ခုနှစ်၊ ဒီဇင်ဘာလ (၆) ရက်တွင် ပို့ဆောင်ဖြန့်ဝေပေးခဲ့ပါသည်။



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Figure 20. CSR Bulletin for the Period from October 2022 to December 2022





## M&AOSB ၏ သုံးလပတ်ကာလအတွင်း ဆောင်ရွက်ပြီးစီးခဲ့သော CSR လုပ်ငန်းအစီအစဉ်များ

M&AOSB ကုမ္ပဏီ၏ CSR အစီအစဉ်သည် ဂေါ်ရန်ဂျီပတ်ဝန်းကျင်သန့်ရှင်းရေးအတွက် တက်ကြွလှုပ်ရှားသော အမှိုက်ကောက်သူရဲကောင်းအဖွဲ့ Trash Hero Gaw Yan Gyi ၏ စုပေါင်းအမှိုက်ကောက်လှုပ်ရှားမှုတွင် နံ့သာပုကျေးရွာလူထုနှင့် ပူးပေါင်း၍ လိုအပ်သည့်ကူညီမှုများ ပံ့ပိုးခဲ့ပါသည်။ ယခုသိတင်းသုံးပတ်ကာလအတွင်း Trash Hero Gaw Yan Gyi အမှိုက်ကောက်သူရဲကောင်းအဖွဲ့သည် နံ့သာပုကျေးရွာအုပ်စု၏ လမ်းမကြီးများနှင့် ဂေါ်ရန်ဂျီကမ်းခြေတစ်လျှောက်၌ ပြုလုပ်ခဲ့သော စုပေါင်းအမှိုက်ကောက်လှုပ်ရှားမှုများတွင် အမှိုက်ကောက်သူရဲကောင်း လူကြီး (၁၇) ဦး၊ ကလေး (၇၄) ဦးနှင့် စုစုပေါင်းသူရဲကောင်း (၉၁) ဦး ပါဝင်အမှိုက်ကောက်ခဲ့ကြပြီး အမှိုက်ကီလိုပေါင်း (၂၀၀) ကီလိုကို ကောက်ယူသိမ်းဆည်းနိုင်ခဲ့ပါသည်။



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Figure 21. CSR Bulletin for the Period from October 2022 to December 2022





**Figure 22. CSR Bulletin for the Period from January 2023 to March 2023**





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(၇၆) နှစ်မြောက် ပြည်ထောင်စုနေ့ အထိမ်းအမှတ်အဖြစ် ငပုတောမြို့၌ ကျင်းပပြုလုပ်မည့် ဘောလုံးပြိုင်ပွဲသို့ ဝင်ရောက် ယှဉ်ပြိုင်မည့် ငရုတ်ကောင်းမြို့ကိုယ်စားပြု ဘောလုံးအသင်းအတွက် ဝတ်စုံစရိတ် ငွေကျပ် (၅၀၀,၀၀၀) ကို ၂၀၂၃ ခုနှစ်၊ ဖေဖော်ဝါရီလ (၁) ရက်တွင် ပေးအပ်လှူဒါန်းခဲ့ပါသည်။

ငပုတောမြို့နယ်၊ ဟိုင်းကြီးကျွန်းမြို့ရှိ မော်တင်စွန်းဘုရားရင်ပြင်တော် ပြုပြင်မွမ်းမံရန်အတွက် အလှူငွေကျပ် (၅,၀၀၀,၀၀၀) ကို ၂၀၂၃ ခုနှစ်၊ ဖေဖော်ဝါရီလ (၁၈) ရက်တွင် ပေးအပ်လှူဒါန်းခဲ့ပါသည်။



ငရုတ်ကောင်းမြို့ အခြေခံပညာအထက်တန်းကျောင်းနှင့် နံ့သာပုကျေးရွာအုပ်စု အခြေခံပညာအထက်တန်းကျောင်း (ခွဲ) ၌ ၂၀၂၃ ခုနှစ်၊ ဇန်နဝါရီလ (၉) ရက်က ကျင်းပပြုလုပ်သော ပညာရေးစုံညီပွဲတော်နှင့် ဆုပေးပွဲအခမ်းအနားများသို့ တက်ရောက်ကူညီပေးခဲ့ပါသည်။



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Figure 23. CSR Bulletin for the Period from January 2023 to March 2023





## M&AOSB ၏ သုံးလပတ်ကာလအတွင်း ဆောင်ရွက်ပြီးစီးခဲ့သော CSR လုပ်ငန်းအစီအစဉ်များ

ဂေါ်ရန်ဂျီပတ်ဝန်းကျင်သန့်ရှင်းရေးအတွက် တက်ကြွလှုပ်ရှားသော အမှိုက်ကောက်သူရဲကောင်းအဖွဲ့ Trash Hero Gaw Yan Gyi ၏ စုပေါင်းအမှိုက်ကောက်လှုပ်ရှားမှုတွင် M&AOSB ကုမ္ပဏီ၏ CSR အစီအစဉ်နှင့် နံ့သာပုကျေးရွာလူထုတို့ ပူးပေါင်း၍ လိုအပ်သည့်ကူညီမှုများ ပံ့ပိုးခဲ့ပါသည်။ ယခုသီတင်းသုံးပတ်ကာလအတွင်း Trash Hero Gaw Yan Gyi အမှိုက်ကောက်သူရဲကောင်းအဖွဲ့သည် နံ့သာပုကျေးရွာအုပ်စု၏ လမ်းမကြီးများနှင့် ဂေါ်ရန်ဂျီကမ်းခြေတစ်လျှောက်၌ ပြုလုပ်ခဲ့သော စုပေါင်းအမှိုက်ကောက်လှုပ်ရှားမှုများတွင် အမှိုက်ကောက်သူရဲကောင်း လူကြီး (၂၈) ဦး၊ ကလေး (၁၀၃) ဦးနှင့် စုစုပေါင်းသူရဲကောင်း (၁၃၁) ဦး ပါဝင်အမှိုက်ကောက်ခဲ့ကြပြီး အမှိုက်ကံလိုပေါင်း (၂၀၅) ကီလိုကို ကောက်ယူသိမ်းဆည်းနိုင်ခဲ့ပါသည်။



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**Figure 24. CSR Bulletin for the Period from January 2023 to March 2023**





## M&AOSB ၏ သုံးလပတ်ကာလအတွင်း ဆောင်ရွက်ပြီးစီးခဲ့သော CSR လုပ်ငန်းအစီအစဉ်များ

၂၀၂၂ ခုနှစ်၊ အောက်တိုဘာလမှ ဒီဇင်ဘာလအထိ ဆောင်ရွက်ပြီးစီးခဲ့သော M&AOSB ကုမ္ပဏီ၏ CSR လုပ်ငန်းဆောင်ရွက်ချက်များကို ငရုတ်ကောင်းမြို့၊ ကြွေချိုင်းကျေးရွာအုပ်စု၊ နံ့သာပုကျေးရွာအုပ်စုနှင့် စီမံကိန်းနယ်မြေရုံးဝင်းရှိ ကြော်ငြာသင်ပုန်းများ၌ အသိပေးဖော်ပြခဲ့ပါသည်။



၂၀၂၂ ခုနှစ်၊ အောက်တိုဘာလမှ ဒီဇင်ဘာလအထိ ဆောင်ရွက်ပြီးစီးခဲ့သော M&AOSB ကုမ္ပဏီ၏ CSR လုပ်ငန်းဆောင်ရွက်ချက်များ စုစည်းတင်ပြထားသည့် လက်ကမ်းစာစောင်များကို ငရုတ်ကောင်းမြို့၊ ကြွေချိုင်းကျေးရွာအုပ်စုနှင့် နံ့သာပုကျေးရွာအုပ်စုရှိ ရပ်မိရပ်ဖများထံ ၂၀၂၃ ခုနှစ်၊ ဇန်နဝါရီလ (၂) ရက်နှင့် (၃) ရက်နေ့များတွင် ဖြန့်ဝေခဲ့ပါသည်။



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Figure 25. CSR Bulletin for the Period from January 2023 to March 2023



## 7.8 Community-based Volunteers

M&AOSB builds the company-community partnerships with a total of eight community-based volunteers from Nanttharpu Village Tract, Kyway Chaing Village Tract and Nga Yoke Kaung Town. We always value the strategic partnership with the community volunteers and acknowledge their efforts and supports in our community investment activities. We hope to organize regular volunteer meetings and to conduct community engagements through our volunteers' facilitation following an easing of coronavirus restrictions.

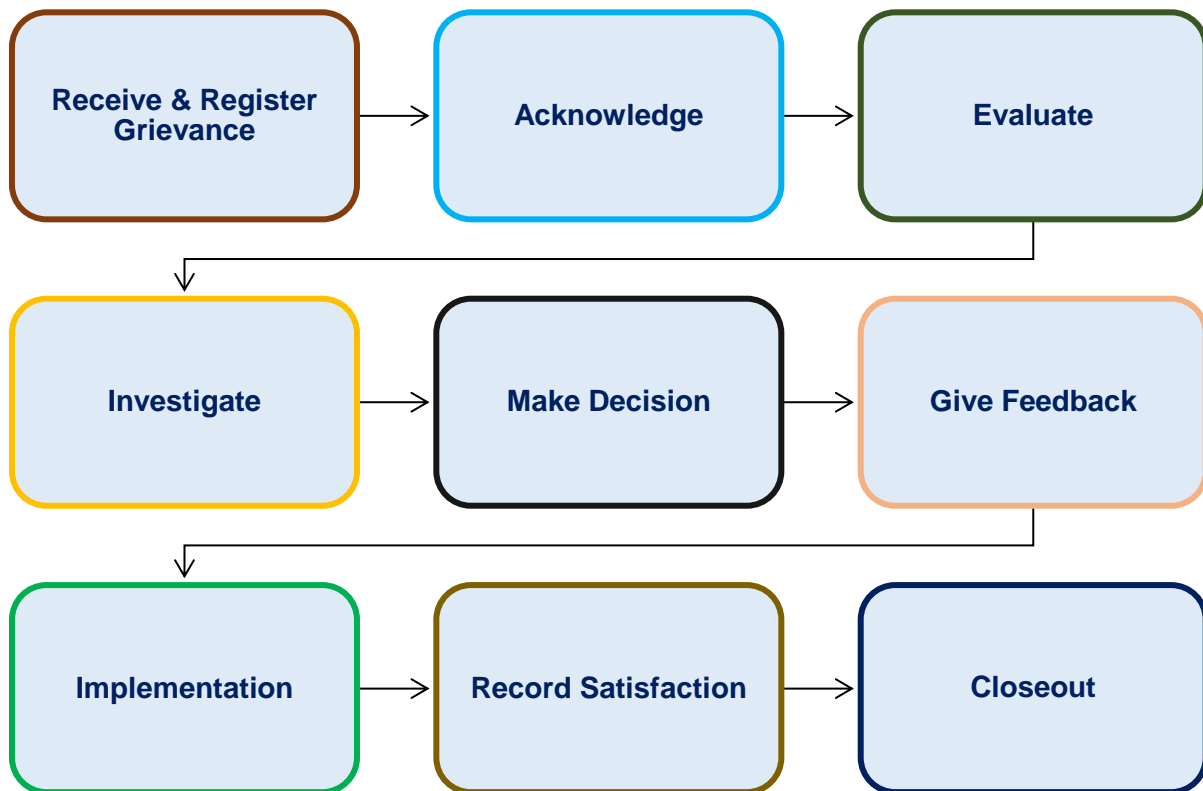


## 7.9 Operational Grievance Mechanism

M&AOSB has a functional Operational Grievance Mechanism (OGM) in place since 2017. We established and used OGM in the project area to hear the local community's voices, to provide appropriate feedback and to mitigate business risks. Since OGM roll-out, there have been seven cases received and 100% satisfied with OGM process and outcome. During this reporting time, there is no new OGM case in the project area.

If there is any grievance case in the construction period, the case can be sent directly by the complainant himself or indirectly through volunteers or liaison officer or grievance officer of the contractor. It can also be sent via online, phone or OGM box. M&AOSB CSR team plans to receive and register any grievance for investigation and documentation. There will be an acknowledgement of the case receipt. The OGM focal staff will evaluate the cause of grievance and investigate on it. The identified case will be submitted to the decision-making level. The decision outcome will be informed to the complainant and there will be implementation process under the mutual agreement. Then M&AOSB will close the grievance after recording the satisfaction of the case owner. It is expected that our Operational Grievance Mechanism can help strengthen our relationship with community members and build trust between the company and the community.

### Operational Grievance Mechanism Flow Chart



### Summary of Operational Grievance Mechanism Cases

No	Date	Grievance	Action Taken	Action Duration	Satisfaction with Process
1.	22-Aug-2017	Tha Pyay Road was damaged because of over-loaded trucks.	Contractor supported 120,000 Kyats to buy 200 bags of cobble-stone to repair the road.	4 Days	100 %
2.	17-Sep-2017	Drainage wall in front of Nga Yoke Kaung monastery was damaged because of contractor's activity while they are carrying material for survey works.	Contractor supported 100,000 Kyats for the repairing cost of drainage wall.	2 Days	100 %
3.	20-Dec-2017	Road between Nanttharpu Village and Kway	After discussion with contractor,	1 Day	100 %



No	Date	Grievance	Action Taken	Action Duration	Satisfaction with Process
		Chaing Village was destroy due to passing of overloaded trucks to the project site.	contractor supported 100,000 MMKs as a labors cost to repair the road and renovation of road will be take responsible by road renovation Committee.		
4.	15-Feb-2018	<p>Road between Nga Yoke Kaung and Kway Chaing Village which was constructed by community, became destroyed due to local truck and tours car using in the past.</p> <p>But the damage became more serious because of overload trucks to M&amp;AOSB site access road. Community members also suffered dusty and noisy due to over speeding of vehicles.</p>	<p>M&amp;AOSB replied to reinforce with contractor not to drive more than 40km/hr in the Village. Also they informed regional government for repairing road between Nga Yoke Kaung and Nanttharpu Village.</p>	11 Days	100 %
5.	15-Feb-2018	Road between Nga Yoke Kaung and Nanttharpu Village will damage if overload trucks from	M&AOSB replied that M&AOSB will reinforce with contractor to drive no more than 40km/hr in	11 Days	100 %

No	Date	Grievance	Action Taken	Action Duration	Satisfaction with Process
		M&AOSB started using for project. Community members also will suffer from dust.	the Village. Also they will inform regional government for repairing road between Nga Yoke Kaung and Nanttharpu Village.		
6.	17-Mar-2018	Small Bridge Kyauk Phya Village and Ah Lae Gone Village has been destroyed due to the passing of overload trucks during transporting stone for site access road.	Materials (rocks, labor, etc.) were provided in kind for repairs.	4 Days	100 %
7.	4-Nov-2018	Requested to provide gravel (5) sub to be used in Tha Pyay Road Renovation.	Contractor supported 75,000 Kyats and agreed to support another 75,000 Kyats during demobilization process.	1 Day	100 %





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