

Environmental Monitoring Report for Construction Phase

Environmental and Social Management Plan for the Upgrading of Island
Waste and Resources Management Centre with mechanical composting
building at Maamendhoo, Laamu Atoll

Location: Laamu Atoll

Riyan Private Limited

Michael Competente Rubia

Proponent: Ministry of Climate Change, Environment & Energy

November 2024

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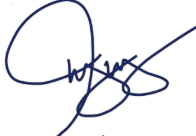
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Consultant declaration

I certify that to the best of my knowledge the statements made in this Environmental and Social Management Plan for the upgrading of the Island Waste and Resource Management Centre with mechanical composting building in Maamendhoo, Laamu Atoll are true, complete and correct.

Name: Michael Competente Rubia

Designation: Environmental & Social Safeguard Officer

Signature: 

Company Name: Riyan Pvt Ltd

Date: 23rd November 2024

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



Ministry of Climate Change, Environment and Energy

Male', Republic of Maldives

Client's Confirmation

This is to confirm that the review comments provided by the MCEP-PMU have been adequately addressed. I confirm to the best of my knowledge that the ES monitoring report is prepared in line with the requirement of the ESMP for the upgrading of Island Waste and Resource Management Centre with Mechanical Composting Building at L. Maamendhoo. Therefore, we hereby approve this report.

Name: Ahmed Hassaan Zuhair

Designation: Environmental and Social Safeguards Specialist

Institution: Maldives Clean Environment Project.

Signature:

Date: 24 November 2024

1. Introduction

The proposed project involves upgrading of the Island Waste and Resource Management Centre (IWRMC) in L. Maamendhoo and it's funded by the World Bank and executed through the Maldives Clean Environment Project (MCEP).

The Environmental Impact Assessment (EIA) Regulation of Maldives (2012/R-27) and amendments gives a list of development projects for which an EIA is required (Schedule Raa of the Regulation). With respect to waste management, EIA is required for three types of projects; installation of incinerators with a capacity of 10 or more tonnes/day, development of landfill using waste and development of large-scale waste management centres (capacity of treating 10 tonnes/day).

As per due process for projects not listed in this Schedule, a screening form for the project was submitted to the Environmental Protection Agency, to assess the level of impact due to the project. Based on this project description and areas of impact, EPA has stated that the project is unlikely to have a significant negative impact on the environment and hence the proponent could proceed with the project. At the same time, World Bank (WB), as the funding agency has also carried out screening of the project and stated that an ESMP should be prepared. The decision statement issued by EPA is attached on Appendix 1.

The project was awarded to LF Construction Pvt Ltd. after a competitive bidding process and agreement signed on 29th August 2023. The project was completed on 28th July 2024. The project completion certificate is provided in Appendix 2.

The proponent of the project is Ministry of Climate Change, Environment and Energy (MCCEE) and is implemented by the Project Management Unit (PMU) of the World Bank financed Maldives Clean Environment Project (MCEP).

1.1 Project Details

The existing IWRMC of the island was constructed in 2018 and handed over to the Island Council for operations. The existing Island Waste Resource and Management Center (IWRMC) is located at Southeastern end of the Island of L. Maamendhoo. The project was funded by the UNDP LECReD project. An EMP for the development of the facility was formulated and provides details on the planned operations at that stage (CDE Consulting, 2017). The main services of the facility developed are as follows:

- Waste Transfer Area,
- Sorting platform,

- Equipment room,
- Stockpile area for metals, plastics, paper/cardboards, glass, and hazardous waste,
- Compost bed for organic waste,
- Staff room and Toilet.

The proposed project involves enclosure of the existing compost slab area and undertaking the required utility connections (power and water) to the structure. After the construction of the structures is completed, an organic waste converter machine will be installed at the area to undertake mechanical composting of organic waste through an aerobic system.

The proponent of this project is the Ministry of Climate Change, Environment and Energy (MCCEE) and funded by World Bank. The proponent will intend to pilot in-vessel composting in L. Maamendhoo. Furthermore, the selected location for proposed site is not required for vegetation clearance and the plot is easily accessible.

For the additional details of the project are described in the Updated ESMP for upgrading of Island Waste Management Centre in L. Maamendhoo (LAMER Group Pvt Ltd, January 2021).

2.Ĕ Monitoring schedule and compliance

Riyan Pvt Ltd was contracted to supervise the construction works of the IWRMC as well as supervision environmental and social safeguards during construction phase of the project. Reporting template for the environmental and social safeguards was provided by PMU which was done by a tool developed by KoBo Toolbox. The safeguards reports were received as per the agreed schedule on a monthly basis throughout the construction phase of the project and were verified by the PMU prior to processing all the interim payments.

In addition to this, Contractors Code of Conduct for Implementing Environmental, Social, Health (ESHS) and Safety and Occupational, Health & Safety (OSH) Standard, Preventing Gender Based Violence were acquired from the contractor. These documents were received prior to mobilization of the contractor, which are provided in Appendix 3.

2.1 Site Visits

Monthly site field visits were made by the supervision team of Riyan to the site during which environmental and social safeguards were also monitored. As such, during the whole project period, a total of 7 nos of site visits were made from between January 2024 to July 2024.

3. Project Components

As part of improving waste collection and processing of the current facility, construction of the structure enclosing the existing compost slab will be carried out at the IWRMC site. Construction Phase of the project were involved the following activities.

1. *Site Preparation;*

Since the location of proposed IWRMC upgrades is within the boundary of the existing IWRMC, the site clearance related to vegetation is not required.

2. *Clean-up of existing waste;*

All existing waste at the centre were sorted and kept in the respected storage areas. No existing waste to be cleaned-up in the proposed location for upgrading of waste and Resource Management Centre.

3. *Construction of IWRMC;*

The components and services provided from this project are;

- Mechanical Composting Area;
- Finished Compost Storage Area;
- Chipped Wood Storage Area;
- Firefighting Equipment.

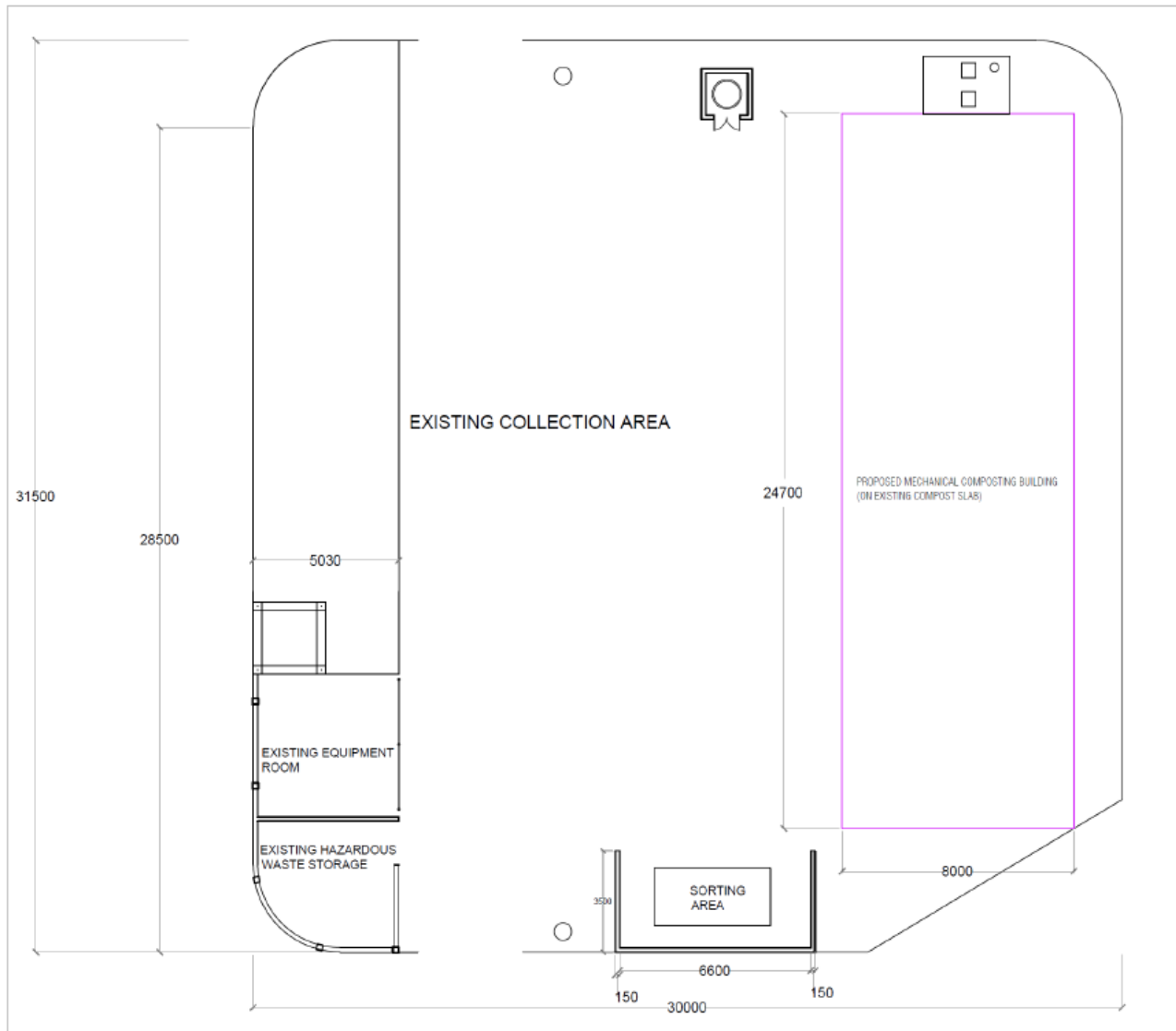


Figure 1. Schematic Layout of Proposed IWRMC in L. Maamendhoo.

4. Project Progress

All Civil works of the project were completed on 28th July 2024, including plumbing, electrical works and fixing of firefighting equipment.

Table 1. Type of firefighting equipment.

Item no:	Equipment	Quantity	Location
1	50KG DCP Trolley	2	Collection bay
2	50 Ltr Foam Trolley	1	Collection bay
3	Wet Chemical 6 Ltr with Cabinet	1	Hazardous Waste Area
4	Water 9 Ltr with Cabinet	1	Outside office
5	CO2 kg with Cabinet	1	Outside office



Figure 2. Photographs of fire extinguisher were installed on site.



Figure 3. Photographs of upgraded IWRMC in L. Maamendhoo.

5. Implementation of mitigation measures

All mitigation measures formulated in the initial ESMP report for each aspect were successfully implemented throughout the period of construction phase. Though, there are some findings for non-compliance which recorded during construction phase and these issues were noticed during site visit. Those findings were listed in Table 2 including its remedial action were resolved by the responsible party. In addition to, those findings listed below were considered as minors and no significant effects in the event of construction phase.

Table 2. Details of Non-Compliance were identified and its remedial action throughout the construction phase.

#	Entry Date	Description of the Risk, Challenge, Issue	Actions Taken by Consultant Up to Date	Actions Required of PM	Status	Date Resolved
1	26-Mar-24	Littering within the site	Instructed the supervisor to keep the site clean	Follow up during the next inspection.	Resolved	23-Apr-24
2	26-Mar-24	Lack of adequate bins for general waste to be generated by workers.	Instructed the supervisor to place a temp dustbin (i.e., re-use of large containers etc)	Follow up during the next inspection.	Resolved	23-Apr-24
3	Jun-24	No bins present for disposing general waste generated by workers are noted on site.	Contractor has been instructed to provide bin for general waste to be generated by workers	To be monitored and follow up during the next inspection	Resolved	4 th Aug-24
4	Jun-24	2 Workers do not have valid work permits and work visas are noted on the list shared by the Contractor	Contractor has reminded that the work visa/permit must be valid.	To be monitored and follow up during the next inspection	Resolved	4 th Aug-24
5	Jun-24	Lack of portable fire extinguishers on-site	Contractor has instructed to provide fire extinguisher and must be installed on site prior to the next inspection.	Follow up during the next inspection.	Resolved	4 th Aug-24

6. Vegetation Clearance and replantation details

Vegetation clearance is not required since the proposed upgrading of IWRMC are within the existing waste management area boundary, wherein, no presence of vegetation at IWRMC site. Please refer to the initial ESMP Report for L. Maamendhoo.

7. Grievances

Grievance Redress Mechanism (GRM) of MCEP was functional at L. Maamendhoo. The council has nominated Ms. Habeeba Ali (Contact no.: 9726451)- Director as the focal point for managing tier 1 grievances.

GRM at tier 2 will be managed by the Environmental and Social Safeguards Specialist of MCEP (P: 3018446, E: mcep@environment.gov.mv), while Sexual Exploitation and Abuse (SEA) / Sexual Harassment (SH) / Gender Based Violence (GBV) related incidents are to be reported directly to Family and Children Protection Centre of Thaa Atoll functioning under Ministry of Gender, Family and Social Services (P: 3027645 / E: th.fcsc@gender.gov.mv). Any such cases that may get raised at tier 1 or tier 2 of the GRM should also be passed to the national service provider. The Island Council and MCEP should maintain confidentiality in handling and reporting such cases.

No grievances were filed during the construction period and site visits by the supervision team of Riyan Pvt. Ltd.



Figure 4. GRM board displayed at project site.

8. Groundwater Quality Analysis Report during Construction Phase

The ground water samples were taken from the IWRMC site. All parameter stated in the ESMP were taken as shown in Table 3. Temperature, physical appearance, pH, Electrical conductivity, Total Dissolved Solid (TDS), and Salinity were tested by using Hanna Multiparameter while Nitrate was tested at MWSC Water Quality Assurance Laboratory. The Conductivity and Dissolved Solid are higher than the optimal range. This possibly due to the fact that the water sample source is near the coast.

Table 3. Results of the ground water assessment.

Name of Island	La. Maamendhoo	Remarks
Sampling Location	IWRMC Site	
Sample Type	Ground Water	
Sampling Date & Time	July 17, 2024 @9:30AM	
Parameters	Analysis Results	Tested using Hanna Multiparameter probe
Temperature (°C)	29.3	
pH	7.66	
Electrical Conductivity (µS/cm) <1500	2,646	
Total Dissolved Solids (ppm) <1000	1,156	
Salinity (PSU)	-	Test done at MWSC Water Quality Assurance Laboratory
Physical Appearance	Pale yellow with particles	
Nitrate (mg/L)	5.7	

**Test for nitrate was carried out at MWSC laboratory and water test report from MWSC is given in Appendix (5).*

9. Plan for Operationalizing the IWRMC

After completion of civil works for upgrading the center, it was handed over to L. Maamendhoo Council on 9 September 2024. The following waste management equipment were provided and commissioned at the facility by MCEP:

1. OWC 130 SS in-vessel composting machine with curing rack and garden shredder
2. Multi-purpose Mini Baler
3. Single Feed Glass Bottle Crusher
4. Strapping Tool
5. Hand Pallet, Hand Truck Trolley and Heavy Duty Stack Truck
6. 120 L bins, 240 L bins and 660 L bins

Previously, windrow-composting was used to treat organic waste, however, with the completion of upgrading, mechanical composting will be carried out, which will significantly expedite the treatment process. The center is currently not fully operational, owing to the island's electricity network being insufficient for the operations of the additional equipment installed. However, FENAKA is currently upgrading the network, and with it, this issue will be resolved.

10. Conclusion

Upgrading of an Island Waste and Resource Management Centre (IWRMC) with in-vessel composting at L. Maamendhoo was completed on 28th July 2024. This project was contracted by LF Construction Pvt Ltd. and funded by the World Bank and executed through the Maldives Clean Environment Project (MCEP).

The ESMP monitoring carried out for the project confirms that the construction of the IWRMC was completed in conformity with the ESMP and majority of the agreed mitigation measures were implemented to a satisfactory level. However, there were some minor's non-compliance issues being noticed during construction phase and these have been highlighted in this report. Those issues being registered during the construction phase were closed and resolved by the responsible party.

All necessary firefighting equipment were purchased and have been installed at the facility. No grievances were filed during the construction period and site visits by the supervision team of Riyan Pvt. Ltd.

Groundwater quality testing was done at IWRMC site. Temperature, physical appearance, pH, Electrical conductivity, Total Dissolved Solid (TDS), and Salinity were tested by using Hanna Multiparameter while Nitrate was tested at MWSC Water Quality Assurance Laboratory. The

Conductivity and Dissolved Solid are higher than the optimal range. This possibly due to the fact that the water sample source is near the coast.

The centre is currently at a operational stage, with the required facilities for in-vessel composting , baling of cardboards, metals and plastic bottles and crushing of galss being established. Full operations is expected to commence upon completion of upgrading of island electricity network by FENAKA.

Operational phase monitoring responsibility lies with the operator which is the Island Council and shall be performed after 6 months of commencing operations.

Appendices

Appendix 1 Proponents commitment to implement mitigation measures & environmental monitoring.



Ministry of Environment
Male', Republic of Maldives.



Date: 27 January 2021

No: 438-WMPC/203/2021/22

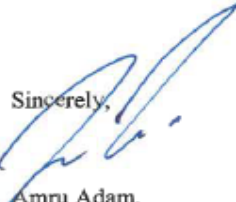
Mr. Ibrahim Naeem,
Director General,
Environmental Protection Agency,
Green Building, Handhuvaree Hingun, Maafannu,
Male', 20392, Maldives.

Dear Sir,

Sub: Commitment to undertake Mitigation and Environmental Monitoring

The Environmental and Social Code of Practice (ESCP) prepared for the proposed establishment of the Island Waste and Resource Management Centre (IWRMC) in L. Maamendhoo has been prepared in accordance with the EIA Regulations 2012 and its amendments, issued by the Ministry of Environment.

We would like to confirm our commitment to the proposed mitigation measures and the monitoring programme that has been highlighted in the ESCP report prepared for the above referenced project.

Sincerely,

Amru Adam,
Assistant Director



Green Building, Handhuvaree Hingun,
Maafannu, Male', 20392, Republic of Maldives.

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www.environment.gov.mv

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Appendix 2: Project Taking-Over Certificate

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TAKING OVER CERTIFICATE

Project:	Upgrading of Island Waste and Resource Management Center at Mamendhoo, Laamu Atoll (AGR)438-WMPC/PRIV/2023/184
Employer:	Ministry of Climate Change, Environment and Energy
Engineer / Consultant:	Riyan Pvt Ltd H.Azum, Ameenee Magu, Male', Republic of Maldives
Contractor:	L.F Construction Pvt Ltd
Description of the Permanent Works:	This project consists of a Waste management building, with Mechanical composting area, Finished composted storage and Chipped wood storage.
Commencement Date of the Works:	December 12, 2023
Original Contract Completion:	June 9, 2024
Contract Date for Completion for the whole of the Works including EOTs:	September 10, 2024
Date of Substantial Completion of the Permanent Works:	July 28, 2024
Submission of Snags Rectification Report (by consultant):	August 11, 2024

This Taking over Certificate ("TOC") is issued Pursuant to Clause 53.1 (Taking Over of the Finishing the Contract) of the General Conditions of Contract and the Letter of Acceptance dated 29th August 2023 (collectively the "Contract") which apply to the above Project.

The Engineer hereby certifies that except for the outstanding works set out in Appendix 'A' to this TOC which the Contractor undertakes to finish within the timescales mentioned in the Appendix, are substantially complete. However, all defects identified and notified to the Contractor during the final inspection must be rectified by the contractor as soon as practically possible. Defects Liability Period will start on 29th August 2024 and end after 06 months (on 24th January 2025) as per the Contract.

The Engineer in issuing this TOC notes that the Contractor shall within 28 days of this TOC being issued deliver to the Employer any outstanding handover documents, such as keys and warranties etc. for the works which have been taken over by the Engineer on behalf of the Employer as per the contract.

Bishar Haadi
Riyan Pvt Ltd



Date: 21st August 2024

Page 1 of 2

Appendix 3: Contractor's declaration, HS items and Staff list.

Company Code of Conduct Implementing ESHS and OHS Standards Preventing Gender Based Violence

The company is committed to ensuring that the project is implemented in such a way which minimizes any negative impacts on the local environment, communities, and its workers. This will be done by respecting the environmental, social, health and safety (ESHS) standards, and ensuring appropriate occupational health and safety (OHS) standards are met. The company is also committed to creating and maintaining an environment where children under the age of 18 will be protected, and where Sexual Exploitation and Abuse (SEA) and sexual harassment have no place. Improper actions towards children, SEA and sexual harassment are acts of Gender Based Violence (GBV) and as such will not be tolerated by any employee, sub-contractors, supplier, associate, or representative of the company.

Therefore, to ensure that all those engaged in the project are aware of this commitment, the company commits to the following core principles and minimum standards of behavior that will apply to all company employees, associates, and representatives, including sub-contractors and suppliers, without exception:

General

1. The company—and therefore all employees, associates, representatives, sub-contractors and suppliers—commits to complying with all relevant national laws, rules and regulations.
2. The company commits to full implement the Environmental and Social Management Plan (ESMP) which forms part of the contract.
3. The company commits to treating women, children (persons under the age of 18), and men with respect regardless of race, color, language, religion, political or other opinion, national, ethnic or social origin, property, disability, birth or other status. Acts of GBV are in violation of this commitment.
4. The company shall ensure that interactions with local community members are done with respect and non-discrimination.
5. Demeaning, threatening, harassing, abusive, culturally inappropriate, or sexually provocative language and behavior are prohibited among all company employees, associates, and its representatives, including sub-contractors and suppliers.
6. The company will follow all reasonable work instructions (including regarding environmental and social norms).
7. The company will protect and ensure proper use of property (for example, to prohibit theft, carelessness or waste).

Health and Safety

8. The company will ensure that the project's OHS Management Plan is effectively implemented by company's staff, as well as sub-contractors and suppliers.
9. The company will ensure that all persons on-site wear prescribed and appropriate personal protective equipment, preventing avoidable accidents, and reporting conditions or practices that pose a safety hazard or threaten the environment.
10. The company will prohibit the use of alcohol, narcotics or other substances which can impair faculties at all times.
11. The company will ensure that project's Grievance Redress Mechanism (GRM) is implemented.
12. The company will not hire children under the age of 18 for construction work, or allow them on the work site, due to the hazardous nature of construction sites.
13. The company will ensure that adequate sanitation facilities are available on site and at any

worker accommodations provided to those working on the project.

Gender Based Violence

14. Acts of GBV constitute gross misconduct and are therefore grounds for sanctions, which may include penalties and/or termination of employment and, if appropriate, referral to the Police for further action.
15. All forms of GBV, are unacceptable, regardless of whether they take place on the work site, the work site surroundings, at worker's camps or within the local community.
16. Sexual harassment of work personnel and staff (e.g. making unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature) are acts of GBV and are prohibited.
17. Sexual favors (e.g. making promises of favorable treatment such as promotions, threats of unfavorable treatment such as losing a job, payments in kind or in cash dependent on sexual acts) and any form of humiliating, degrading or exploitative behavior are prohibited.
18. The use of prostitution in any form at any time is strictly prohibited.
19. Sexual contact or activity with children under 18—including through digital media—is prohibited. Mistaken belief regarding the age of a child is not a defense. Consent from the child is also not a defense or excuse.
20. Unless there is full consent¹ by all parties involved in the sexual act, sexual interactions between the company's employees (at any level) and members of the communities surrounding the work place are prohibited. This includes relationships involving the withholding/promise of actual provision of benefit (monetary or non-monetary) to community members in exchange for sex (including prostitution). Such sexual activity is considered "non-consensual" within the scope of this Code.
21. In addition to company sanctions, legal prosecution of those who commit acts of GBV will be pursued if appropriate.
22. All employees, including volunteers and sub-contractors are highly encouraged to report suspected or actual acts of GBV by a fellow worker, whether in the same company or not. Reports must be made in accordance with project's GBV Allegation Procedures.
23. Managers are required to report and act to address suspected or actual acts of GBV as they have a responsibility to uphold company commitments and hold their direct reports responsible.

Implementation

To ensure that the above principles are implemented effectively the company commits to:

24. Ensuring that all managers sign the project's 'Manager's Code of Conduct' detailing their responsibilities for implementing the company's commitments and enforcing the responsibilities in the 'Individual Code of Conduct'.
25. Ensuring that all employees sign the project's 'Individual Code of Conduct' confirming their agreement to comply with ESHS and OHS standards, and not to engage in activities resulting in GBV, child endangerment or abuse, or sexual harassment.
26. Displaying the Company and Individual Codes of Conduct prominently and in clear view at workers' camps, offices, and in public areas of the work space. Examples of areas include waiting, rest and lobby areas of sites, canteen areas and health clinics.
27. Ensuring that posted and distributed copies of the Company and Individual Codes of Conduct are translated into the appropriate language of use in the work site areas as well as for any international staff in their native language.
28. Ensuring that an appropriate person is nominated as the company's 'Focal Point' for addressing ESHS, OHS and GBV issues.

29. Ensuring that all employees are properly brief and that they are familiar with the company's commitments to ESHS and OHS standards, and the project's GBV Codes of Conduct.

Sanction

In case of a major breach of this Code of Conduct, the client is entitled to take disciplinary action against the company (as per the contract) which could include:

30. Informal warning.
31. Formal warning.
32. Withholding of payments.
33. Deduction from retention payment.
34. Termination of contract.
35. Report to the Police if warranted.

I do hereby acknowledge that I have read the foregoing Company Code of Conduct, and on behalf of the company agree to comply with the standards contained therein. I understand my role and responsibilities to support the project's OHS and ESHS standards, and to prevent and respond to GBV. I understand that any action inconsistent with this Company Code of Conduct or failure to act mandated by this Company Code of Conduct may result in disciplinary action.

Company name: L. F Construction Pvt. Ltd.

Signature: _____

Printed Name: Abdul Latheef

ID or PP No: A063185

Date: 13 August 2023




Staff list

RFK
L.F Construction Pvt Ltd
M. Nine House, 1st Floor, Shaheed Ali Hingun, Male' 20214, Telephone: 3321008, 7792701, Fax: 3320724

STAFF LIST

PROJECT: L. MAAMENDHOO WRMC

#	NAME	PASSPORT NO.	WORK PERMIT NO.
1	MOHAMMAD FARUK BAPARY	EF0240937	WP00155240
2	KAYAMUDDIN	R3431869	WP00416508
3	SANDIP KUMAR	S8188414	WP00465204
4	SANTOSH KUMAR	U2188248	WP00435160


L.F Construction Pvt Ltd
Male'

Appendix 4: EMP monitoring reports

Consultants Declaration

I certify that to best of my knowledge the statements made in this ESMP monitoring for construction phase of IWRMC at Maamendhoo, Laamu Atoll, are true, complete, and correct.

Name: Mariyam Shujaa-ath

Consultant Registration Number: EIA-P(A) 08/2022



Signature:

Company Name: Land and Marine Environmental Resource Group Pvt Ltd

Date: 29th February 2024

Submission Record (22 of 112)



Language: English (en) ▾

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DUPLICATE



Type	Question	Response
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Section 1: General Information






<input checked="" type="radio"/>	Project Zone	Zone 5
<input checked="" type="radio"/>	Atoll	
<input checked="" type="radio"/>	Atoll	
<input checked="" type="radio"/>	Atoll	Laamu
abc	Island Name	La Mamendhoo

Section 2: Sub Project Details



<input checked="" type="radio"/>	Type of Sub Project?	IWRMC Manual Composting
abc	Other Sub Project	
<input checked="" type="radio"/>	Sub-project details	Upgrading of an existing center
<input checked="" type="radio"/>	Sub Project Location?	
abc	Physical Progress	

Section 3: Storage of Hazardous Chemicals during Construction

<input checked="" type="radio"/>	Are fuel used for project purposes stored in sealed	Not Applicable / Observed
----------------------------------	---	---------------------------

	containers?	
	If Yes attach, a photograph of the containers	
	If No attach a photograph to show how fuel is currently being kept	
<input checked="" data-bbox="186 646 220 674" type="radio"/>	WERE ALL HAZARDOUS CHEMICAL CONTAINERS (PAINTS, THINNERS, LUBRICANTS) STORE IN CLOSED CONTAINERS AND PLACED ON A IMPERMEABLE SURFACE (EITHER A CONCRETE SLAB, CONTAINED BOX OR LINED AND ISOLATED AREA?	<i>Not Applicable / Observed</i>
	If Yes, attach photographic proof	
	If No, attach a photograph to show how the chemicals are being kept	
<input checked="" data-bbox="186 1272 220 1299" type="radio"/>	WERE ANY CHEMICALS STORED CLOSE TO ELECTRICAL OUTLETS, OR ANY AREAS WHERE THERE IS A RISK OF FIRE AND EXPLOSION?	Yes
	Include photographic evidence	

Section 4: Noise Pollution Management Practices

	What mitigation measures have been applied by the contractor to reduce noise pollution?	<i>Construction Activity Only During Day Time</i> <ul style="list-style-type: none"> (8.00am-6.00pm)
abc	Specify Other Measures used?	
	Photograph-1 of compliance practice	

	Photograph-2 of compliance practice	
<input type="radio"/>	Was was the noise level observed on the site during the monitoring visit?	<i>Low levels of noise (can hear speech over sound, low levels of noise at site)</i>

Section 5: Air Quality and Dust

<input type="radio"/>	Are vehicles used for transporting material from harbour to project site?	Yes
<input type="radio"/>	Type of vehicle used?	<i>Hired from the island</i>
	Attach photo of the vehicle	
<input type="radio"/>	Does the vehicle have an up to date road worthiness certificate	
	If yes, attach a copy of the certificate	
<input type="radio"/>	How was materials transferred to the site?	<i>Not Observed</i>
<input type="radio"/>	Are machineries used well tuned / serviced?	<i>Not Applicable / Not used</i>
<input type="radio"/>	Did you observe high levels of dust generated in the work site?	No
<input type="radio"/>	Has dust generated from the site or construction material been deposited around the work site?	
<input type="radio"/>	How frequently is the site being sprayed with water?	
abc	Please specify the duration	
	Attach photo of the site to indicate ground condition	



Are stockpiled construction materials covered?

Yes



Attach photo of how materials are stockpiled



Is the contractor open burning any waste on the site or near the site?

No



If Yes, include photograph of observer burning.



Did you notice any fumes or bad smells from the site being generated via the use of chemicals?

No



Were these bearable?

Section 6: Source of Sand



Is sand sourced for construction in compliance with national laws and regulation?

Yes



Provide photographic evidence











Actions Taken

Section 7: Waste Management








Is Construction and Demolition waste (C&D) and/or green waste

No

	generated from the project?	
	Type of Construction and Demolition waste (C&D) and/or green waste generated	
abc	Provide details	
<input type="radio"/>	Are Construction and Demolition waste (C&D) and/or green waste being reused or considered to be reused for construction activities of the project?	
	Types of waste being reused for construction?	
abc	Provide details	
	How are C&D and/or green waste (including any remaining waste after reuse) being disposed	
	Attach photographic evidence	
	Attach photographic evidence	
	Attach photographic evidence	
<input type="radio"/>	Is there evidence of littering in and around the site?	No
	Attach photographic evidence	
<input type="radio"/>	A bin is present for disposing general waste generated by workers?	No
	Attach photographic evidence	

Section 8: Impacts on Natural Environment

<input type="radio"/>	Does the site contain any significant vegetation?	No
<input type="radio"/>	Was any vegetation present at the site translocated to another area of the island?	
123	Specify the number of trees that were translocated	
	Provide a photograph of the translocated area	
<input type="radio"/>	Was any vegetation removed / chopped?	
123	Specify the number of trees that were removed / chopped	
	Attach photographic evidence	
<input type="radio"/>	Was 2:1 replantation undertaken?	
	Indicate the location on which replantation was undertaken	
123	Indicate the number of trees that were replanted?	
	Provide a photograph of the replanted area	
	Indicate planned date for replantation	

Section 9: General Health and Safety

<input type="radio"/>	Is the site demarcated as a Construction Site?	Yes
<input type="radio"/>	Which method is used to demarcate the site?	Fencing



Attach a photograph of site demarcation



Is no entry sign board present?

Yes



Attach a photograph of no entry sign board



Is safety sign board with PPE requirement present?

Yes



Attach a photograph of PPE sign board



Section 10: Occupational Health and Safety

To what level are safety gears / Personal Protective Equipment

Satisfactory (All workers are wearing dust masks, helmets, covered shoes, luminous vests

(PPEs) being used?

and gloves at minimal while working in the site.)



What are the types of PPEs observed being used by the site workers?

- Boots/Covered Shoes
- Hard hats



Attach a photograph of workers with Boots/Covered Shoes



Attach a photograph of workers with Hard Hats



Attach a photograph of workers using ear muffs



Attach a photograph of welders using goggles



Attach a photograph of workers using gloves



Attach a photograph of workers using masks



Attach a photograph of workers using safety harness



Attach a photograph of workers using luminous jackets

abc

Provide details

Section 11: Management of COVID19



Is the country under a national public health emergency?

No



Is hand washing facility or hand sanitizers provided at the site?



Attach photograph



Have workers been briefed about the safety protocols and social distancing measures issues by the Ministry of Health of Maldives in line with Covid-19 during there work?



Are daily temperature records taken of all workers and documented in a log book at the work site at the start of the day?



If Yes, include a photograph of the log book.



Measures taken regarding COVID19 situation in labor camp



Attach supporting photograph of social distancing



Attach supporting photograph of hand hygiene facilities / arrangements



Attach supporting photograph of awareness materials

Section 12: Working Conditions and Labor







How is food arrangements being made for the contractor's workers?

Contractor

123

Specify amount in MVR

123	How many meals / breaks are provided per day	
123	What are the standard per day working hours?	
	Specify work start time	
	Specify work end time	
<input type="radio"/>	How is accommodation being arranged?	<i>Temporary accommodation block</i>
<input type="radio"/>	Was staff accommodation checked during monitoring?	<i>No</i>
123	How many toilets / bathrooms are present?	
	Attach a photograph of accommodation facility	
	Facilities present at the accommodation	
abc	Specify	
<input type="radio"/>	Is the site of labor accommodation clean and sanitary and kept neatly?	
<input type="radio"/>	At the work site do the labor have a resting area with adequate drinking water supplies?	<i>No</i>

Section 13: Fire Safety

<input type="radio"/>	Is a portable extinguisher present at the site?	<i>Yes</i>
-----------------------	---	------------



Attach photographic of extinguisher













Other fire safety precautions taken

- *No open electrical wires are found*
- *Electrical wires installed by certified person*



Section 14: Sociocultural Issues



123	What is the total number of workers recruited for the project?	4
<input checked="" type="radio"/>	Are any female workers recruited for the project?	No
123	Specify the number of female workers	
123	Specify the number of local workers	0
123	Specify the number of expatriate workers	4
<input checked="" type="radio"/>	Does all the expatriate workers have valid work permits and work visas?	Yes
abc	Specify names of the staffs who do not have valid work permits and work visas	
<input checked="" type="radio"/>	Are all workers above the age of 18?	Yes

Section 15: Grievance Redress Mechanism (GRM)



	Is project board with GRM information present at the site?	Yes
	Attach photograph of the GRM board	
	When does the contractor plan to do this?	
	ARE GRM POSTERS PRESENT IN THE ISLAND COUNCILS NOTICE BOARD AND IN PUBLIC PLACES?	Yes
	Attach photographic evidence	
	Attach photographic evidence	
	Attach photographic evidence	
	IF NO, WHEN DOES THE COUNCIL PLAN TO INSTALL THE SIGNAGE	
	WAS ANY GRIEVANCE RELATED TO THE FOLLOWING ISSUES RECEIVED?	
	Has the concerned authorities been notified?	

Section 16: Status of Stakeholder Consultations

	Have further Stakeholder Consultations been carried out?	No
	If Yes, provide Date and Time of Consultation?	
123	If Yes, Number of stakeholders	

	consulted?
123	Number of women consulted?
	Attach Minutes of Consultation
	If No, provide the planned date of next consultations?

Section 17: Informants

abc	Contractor's Informant Name and Designation	<i>Rahim, Supervisor</i>
abc	Council's Informant Name and Designation	<i>Yazleen, Council</i>
abc	Name and Designation of the person who filled the form	<i>Sridhar Rajendran, Project Engineer</i>
<input checked="" type="checkbox"/>	I certify that all the data captures is accurate to the best of my knowledge	OK
	Signature	

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Submitted by	



ESMP Monitoring Constru...

112 submissions

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Submission Record (1 of 29)



Language: English (en) v

Validation status: Select... v

NEXT >

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Type	Question	Response
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Section 1: General Information






<input checked="" type="radio"/>	Project Zone	Zone 5
<input checked="" type="radio"/>	Atoll	
<input checked="" type="radio"/>	Atoll	
<input checked="" type="radio"/>	Atoll	Laamu
abc	Island Name	La.Mamendhoo

Section 2: Sub Project Details



<input checked="" type="radio"/>	Type of Sub Project?	IWRMC Manual Composting
abc	Other Sub Project	
<input checked="" type="radio"/>	Sub-project details	Upgrading of an existing center
<input type="radio"/>	Sub Project Location?	
abc	Physical Progress	

Section 3: Storage of Hazardous Chemicals during Construction

<input checked="" type="radio"/>	Are fuel used for project purposes stored in sealed containers?	Not Applicable / Observed
----------------------------------	---	---------------------------

	If Yes attach, a photograph of the containers	
	If No attach a photograph to show how fuel is currently being kept	
<input checked="" data-bbox="186 577 219 606" type="radio"/>	WERE ALL HAZARDOUS CHEMICAL CONTAINERS (PAINTS, THINNERS, LUBRICANTS) STORE IN CLOSED CONTAINERS AND PLACED ON A IMPERMEABLE SURFACE (EITHER A CONCRETE SLAB, CONTAINED BOX OR LINED AND ISOLATED AREA?	<i>Not Applicable / Observed</i>
	If Yes, attach photographic proof	
	If No, attach a photograph to show how the chemicals are being kept	
<input checked="" data-bbox="186 1207 219 1236" type="radio"/>	WERE ANY CHEMICALS STORED CLOSE TO ELECTRICAL OUTLETS, OR ANY AREAS WHERE THERE IS A RISK OF FIRE AND EXPLOSION?	<i>No</i>
	Include photographic evidence	

Section 4: Noise Pollution Management Practices

	What mitigation measures have been applied by the contractor to reduce noise pollution?	<i>Construction Activity Only During Day Time</i> • (8.00am-6.00pm)
abc	Specify Other Measures used?	
	Photograph-1 of compliance practice	



Photograph-2 of compliance practice



Was was the noise level observed on the site during the monitoring visit?

Low levels of noise (can hear speech over sound, low levels of noise at site)

Section 5: Air Quality and Dust



Are vehicles used for transporting material from harbour to project site?

Yes



Type of vehicle used?

Hired from the island



Attach photo of the vehicle



Does the vehicle have an up to date road worthiness certificate



If yes, attach a copy of the certificate



How was materials transferred to the site?

Covered



Are machineries used well tuned / serviced?

Yes



Did you observe high levels of dust generated in the work site?

No



Has dust generated from the site or construction material been deposited around the work site?



How frequently is the site being sprayed with water?

abc

Please specify the duration



Attach photo of the site to indicate ground condition



Are stockpiled construction materials covered?

Yes



Attach photo of how materials are stockpiled



Is the contractor open burning any waste on the site or near the site?

No



If Yes, include photograph of observer burning.



Did you notice any fumes or bad smells from the site being generated via the use of chemicals?

No



Were these bearable?

Section 6: Source of Sand

Is sand sourced for construction in compliance with national laws

<input type="radio"/>	and regulation?	Yes
	Provide photographic evidence	
	Actions Taken	

Section 7: Waste Management

<input type="radio"/>	Is Construction and Demolition waste (C&D) and/or green waste generated from the project?	No
	Type of Construction and Demolition waste (C&D) and/or green waste generated	
abc	Provide details	
<input type="radio"/>	Are Construction and Demolition waste (C&D) and/or green waste being reused or considered to be reused for construction activities of the project?	
	Types of waste being reused for construction?	
abc	Provide details	
	How are C&D and/or green waste (including any remaining waste after reuse) being disposed	
	Attach photographic evidence	
	Attach photographic evidence	
	Attach photographic evidence	
<input type="radio"/>	Is there evidence of littering in and around the site?	No



Attach photographic evidence

A bin is present for disposing
general waste generated by
workers?*No*

Attach photographic evidence

Section 8: Impacts on Natural Environment

Does the site contain any
significant vegetation?*No*Was any vegetation present at
the site translocated to another
area of the island?

123

Specify the number of trees that
were translocatedProvide a photograph of the
translocated areaWas any vegetation removed /
chopped?

123

Specify the number of trees that
were removed / chopped

Attach photographic evidence

Was 2:1 replantation
undertaken?Indicate the location on which
replantation was undertaken

123

Indicate the number of trees that
were replanted?Provide a photograph of the
replanted area



Indicate planned date for replantation

Section 9: General Health and Safety



Is the site demarcated as a Construction Site?

Yes



Which method is used to demarcate the site?

Taping



Attach a photograph of site demarcation



Is no entry sign board present?

Yes



Attach a photograph of no entry sign board



Is safety sign board with PPE requirement present?

Yes



Attach a photograph of PPE sign board



Section 10: Occupational Health and Safety



To what level are safety gears / Personal Protective Equipment (PPEs) being used?

Satisfactory (All workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site.)



What are the types of PPEs observed being used by the site workers?

- Boots/Covered Shoes
- Hard hats
- Goggles (workers, drilling, welding or using sharp machinery)
- Gloves- Thick latex
- Safety Harnesses
- Luminous Jackets



Attach a photograph of workers with Boots/Covered Shoes



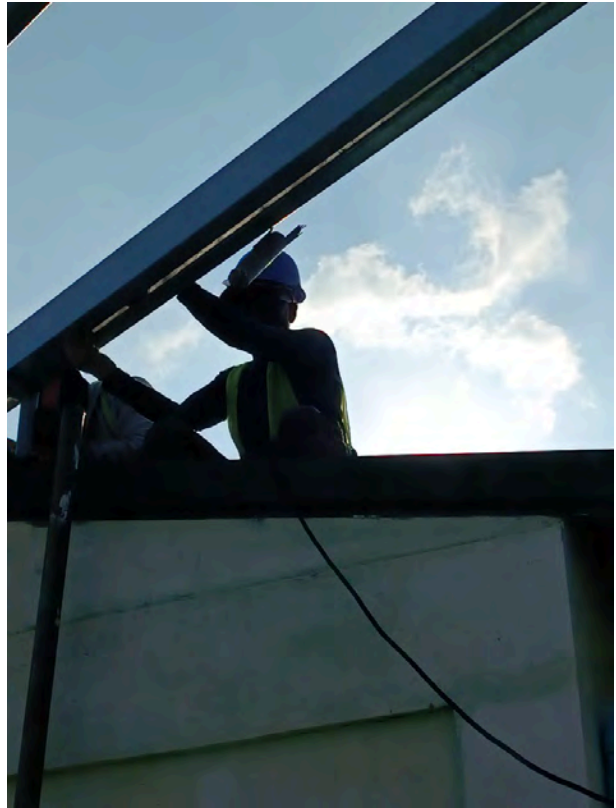
Attach a photograph of workers with Hard Hats



Attach a photograph of workers using ear muffs



Attach a photograph of welders using goggles



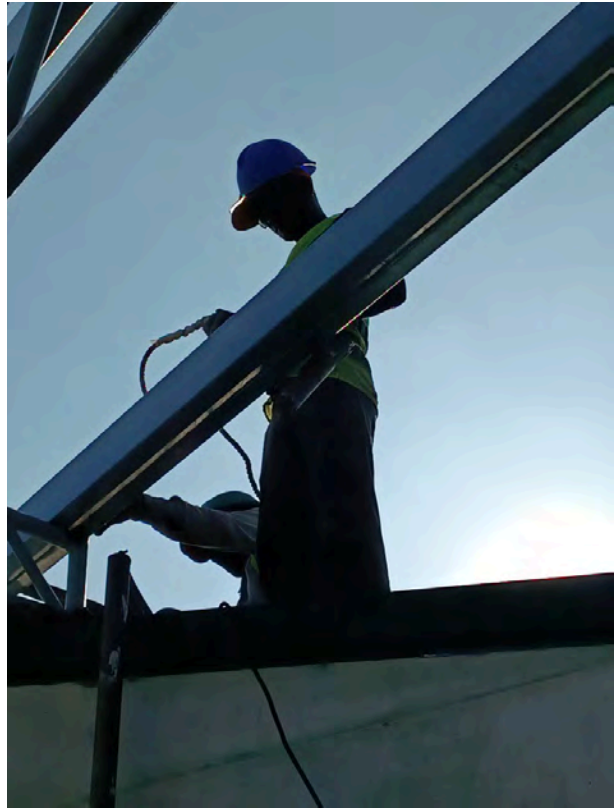
Attach a photograph of workers using gloves



Attach a photograph of workers using masks



Attach a photograph of workers using safety harness



Attach a photograph of workers using luminous jackets



abc





Provide details

Section 11: Management of COVID19

<input type="radio"/>	Is the country under a national public health emergency?	No
<input type="radio"/>	Is hand washing facility or hand sanitizers provided at the site?	
	Attach photograph	
<input type="radio"/>	Have workers been briefed about the safety protocols and social distancing measures issues by the Ministry of Health of Maldives in line with Covid-19 during there work?	
<input type="radio"/>	Are daily temperature records taken of all workers and documented in a log book at the work site at the start of the day?	
	If Yes, include a photograph of the log book.	
	Measures taken regarding COVID19 situation in labor camp	
	Attach supporting photograph of social distancing	
	Attach supporting photograph of hand hygiene facilities / arrangements	
	Attach supporting photograph of awareness materials	

Section 12: Working Conditions and Labor

<input type="radio"/>	How is food arrangements being made for the contractor's workers?	Contractor
123	Specify amount in MVR	

123	How many meals / breaks are provided per day	
123	What are the standard per day working hours?	
	Specify work start time	
	Specify work end time	
<input type="radio"/>	How is accommodation being arranged?	<i>Temporary accommodation block</i>
<input type="radio"/>	Was staff accommodation checked during monitoring?	<i>No</i>
123	How many toilets / bathrooms are present?	
	Attach a photograph of accommodation facility	
	Facilities present at the accommodation	
abc	Specify	
<input type="radio"/>	Is the site of labor accommodation clean and sanitary and kept neatly?	
<input type="radio"/>	At the work site do the labor have a resting area with adequate drinking water supplies?	<i>Yes</i>

Section 13: Fire Safety

<input type="radio"/>	Is a portable extinguisher present at the site?	<i>Yes</i>
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Attach photographic of extinguisher



Other fire safety precautions taken

- *No open electrical wires are found*
- *Electrical wires installed by certified person*




Section 14: Sociocultural Issues

123	What is the total number of workers recruited for the project?	7
<input checked="" type="radio"/>	Are any female workers recruited for the project?	No
123	Specify the number of female workers	
123	Specify the number of local workers	0
123	Specify the number of expatriate workers	7


<input type="radio"/>	Does all the expatriate workers have valid work permits and work visas?	Yes
abc	Specify names of the staffs who do not have valid work permits and work visas	
<input type="radio"/>	Are all workers above the age of 18?	Yes

Section 15: Grievance Redress Mechanism (GRM)

<input type="radio"/>	Is project board with GRM information present at the site?	Yes
<input type="image"/>	Attach photograph of the GRM board	
<input type="image"/>	When does the contractor plan to do this?	
<input type="radio"/>	ARE GRM POSTERS PRESENT IN THE ISLAND COUNCILS NOTICE BOARD AND IN PUBLIC PLACES?	Yes
<input type="image"/>	Attach photographic evidence	
<input type="image"/>	Attach photographic evidence	
<input type="image"/>	Attach photographic evidence	



	IF NO, WHEN DOES THE COUNCIL PLAN TO INSTALL THE SIGNAGE
	WAS ANY GRIEVANCE RELATED TO THE FOLLOWING ISSUES RECEIVED?
	Has the concerned authorities been notified?

Section 16: Status of Stakeholder Consultations

	Have further Stakeholder Consultations been carried out?	No
	If Yes, provide Date and Time of Consultation?	
123	If Yes, Number of stakeholders consulted?	
123	Number of women consulted?	
	Attach Minutes of Consultation	
	If No, provide the planned date of next consultations?	Mar 24, 2024

Section 17: Informants

abc	Contractor's Informant Name and Designation	Rahim, LFC supervisor
abc	Council's Informant Name and Designation	Yasleen, Vice president
abc	Name and Designation of the person who filled the form	Sridhar, Project Engineer
<input checked="" type="checkbox"/>	I certify that all the data captures is accurate to the best of my	OK

	knowledge
	Signature 

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Submitted by	



Consultant Declaration

The information provided in this monthly ESMP monitoring form for the construction phase of L.Maamendhoo IWRMC is acquired at the time of inspection, availability of informants at the site and is factual to the best of my knowledge.

Name: Aminath Mohamed

License Number: EIA-T(a)07/2023

Signature:



Company: Riyan Pvt Ltd

Date of revision: 3rd April 2024

Submission Record (1 of 30)



Language: English (en) ▾ Validation status: Select... ▾

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Type **Question** **Response**

Section 1: General Information









<input checked="" type="radio"/>	Project Zone	Zone 5
<input type="radio"/>	Atoll	
<input type="radio"/>	Atoll	
<input type="radio"/>	Atoll	Laamu
abc	Island Name	Maamendhoo

Section 2: Sub Project Details


<input checked="" type="radio"/>	Type of Sub Project?	IWRMC Composting Machine
abc	Other Sub Project	
<input checked="" type="radio"/>	Sub-project details	Upgrading of an existing center
<input type="radio"/>	Sub Project Location?	latitude (x.y °): 1.814378 longitude (x.y °): 73.392107 altitude (m): 0 accuracy (m): 0
abc	Physical Progress	

Section 3: Storage of Hazardous Chemicals during Construction

Are fuel used for project purposes stored in sealed



	containers?	<i>Not Applicable / Observed</i>
	If Yes attach, a photograph of the containers	
	If No attach a photograph to show how fuel is currently being kept	
	WERE ALL HAZARDOUS CHEMICAL CONTAINERS (PAINTS, THINNERS, LUBRICANTS) STORE IN CLOSED CONTAINERS AND PLACED ON A IMPERMEABLE SURFACE (EITHER A CONCRETE SLAB, CONTAINED BOX OR LINED AND ISOLATED AREA?	<i>Not Applicable / Observed</i>
	If Yes, attach photographic proof	
	If No, attach a photograph to show how the chemicals are being kept	
	WERE ANY CHEMICALS STORED CLOSE TO ELECTRICAL OUTLETS, OR ANY AREAS WHERE THERE IS A RISK OF FIRE AND EXPLOSION?	<i>No</i>
	Include photographic evidence	

Section 4: Noise Pollution Management Practices

	What mitigation measures have been applied by the contractor to reduce noise pollution?	<ul style="list-style-type: none"> <i>Other measured used by contractor</i>
abc	Specify Other Measures used?	<i>Noise was not observed (no machineries were operated at the time of inspection)</i>

	Photograph-1 of compliance practice	
	Photograph-2 of compliance practice	
<input checked="" type="radio"/>	Was was the noise level observed on the site during the monitoring visit?	<i>Low levels of noise (can hear speech over sound, low levels of noise at site)</i>

Section 5: Air Quality and Dust

<input checked="" type="radio"/>	Are vehicles used for transporting material from harbour to project site?	Yes
<input checked="" type="radio"/>	Type of vehicle used?	<i>Hired from the island</i>
	Attach photo of the vehicle	
<input checked="" type="radio"/>	Does the vehicle have an up to date road worthiness certificate	
	If yes, attach a copy of the certificate	
<input checked="" type="radio"/>	How was materials transferred to the site?	<i>Not Observed</i>
<input checked="" type="radio"/>	Are machineries used well tuned / serviced?	<i>Not Applicable / Not used</i>
<input checked="" type="radio"/>	Did you observe high levels of dust generated in the work site?	No
<input checked="" type="radio"/>	Has dust generated from the site or construction material been deposited around the work site?	
<input checked="" type="radio"/>	How frequently is the site being sprayed with water?	
abc	Please specify the duration	



Attach photo of the site to indicate ground condition



Are stockpiled construction materials covered?

Yes



Attach photo of how materials are stockpiled



Is the contractor open burning any waste on the site or near the site?

No



If Yes, include photograph of observer burning.



Did you notice any fumes or bad smells from the site being generated via the use of chemicals?

No



Were these bearable?

Section 6: Source of Sand



Is sand sourced for construction in compliance with national laws and regulation?

Yes



Provide photographic evidence



Actions Taken

Section 7: Waste Management



Is Construction and Demolition waste (C&D) and/or green waste generated from the project? *No*



Type of Construction and Demolition waste (C&D) and/or green waste generated

abc

Provide details



Are Construction and Demolition waste (C&D) and/or green waste being reused or considered to be reused for construction activities of the project?



Types of waste being reused for construction?

abc

Provide details



How are C&D and/or green waste (including any remaining

waste after reuse) being disposed



Attach photographic evidence



Attach photographic evidence



Attach photographic evidence



Is there evidence of littering in and around the site?

No



Attach photographic evidence



A bin is present for disposing general waste generated by workers?

Yes



Attach photographic evidence



Section 8: Impacts on Natural Environment



Does the site contain any significant vegetation?

No









Was any vegetation present at the site translocated to another area of the island?

123



Specify the number of trees that were translocated



Provide a photograph of the translocated area

	Was any vegetation removed / chopped?
123	Specify the number of trees that were removed / chopped
	Attach photographic evidence
	Was 2:1 replantation undertaken?
	Indicate the location on which replantation was undertaken
123	Indicate the number of trees that were replanted?
	Provide a photograph of the replanted area
	Indicate planned date for replantation

Section 9: General Health and Safety

	Is the site demarcated as a Construction Site?	Yes
	Which method is used to demarcate the site?	<i>Hoarding</i>



Attach a photograph of site demarcation



Is no entry sign board present?

Yes



Attach a photograph of no entry sign board



Is safety sign board with PPE requirement present?

Yes



Attach a photograph of PPE sign board



Section 10: Occupational Health and Safety



To what level are safety gears / Personal Protective Equipment (PPEs) being used?

Satisfactory (All workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site.)



What are the types of PPEs observed being used by the site workers?

- Boots/Covered Shoes
- Hard hats
- Gloves- Thick latex
- Safety Harnesses
- Luminous Jackets



Attach a photograph of workers with Boots/Covered Shoes



Attach a photograph of workers with Hard Hats



Attach a photograph of workers using ear muffs



Attach a photograph of welders

using goggles



Attach a photograph of workers using gloves



Attach a photograph of workers using masks



Attach a photograph of workers using safety harness



Attach a photograph of workers using luminous jackets



abc

Provide details

Section 11: Management of COVID19



Is the country under a national public health emergency?

No



Is hand washing facility or hand sanitizers provided at the site?



Attach photograph








Have workers been briefed about the safety protocols and social distancing measures issues by the Ministry of Health of Maldives in line with Covid-19 during there work?



Are daily temperature records taken of all workers and documented in a log book at the work site at the start of the day?

	If Yes, include a photograph of the log book.
	Measures taken regarding COVID19 situation in labor camp
	Attach supporting photograph of social distancing
	Attach supporting photograph of hand hygiene facilities / arrangements
	Attach supporting photograph of awareness materials

Section 12: Working Conditions and Labor

	How is food arrangements being made for the contractor's workers?	<i>Contractor</i>
123	Specify amount in MVR	
123	How many meals / breaks are provided per day	3
123	What are the standard per day working hours?	9
	Specify work start time	<i>09:00:00.000+05:00</i>
	Specify work end time	<i>19:00:00.000+05:00</i>
	How is accommodation being arranged?	<i>Temporary accommodation block</i>
	Was staff accommodation checked during monitoring?	<i>No</i>
123	How many toilets / bathrooms are present?	



Attach a photograph of accommodation facility



Facilities present at the accommodation

abc

Specify



Is the site of labor accommodation clean and sanitary and kept neatly?



At the work site do the labor have a resting area with adequate drinking water supplies?

No

Section 13: Fire Safety



Is a portable extinguisher present at the site?

Yes



Attach photographic of extinguisher





Other fire safety precautions taken

- *No open electrical wires are found*

Section 14: Sociocultural Issues

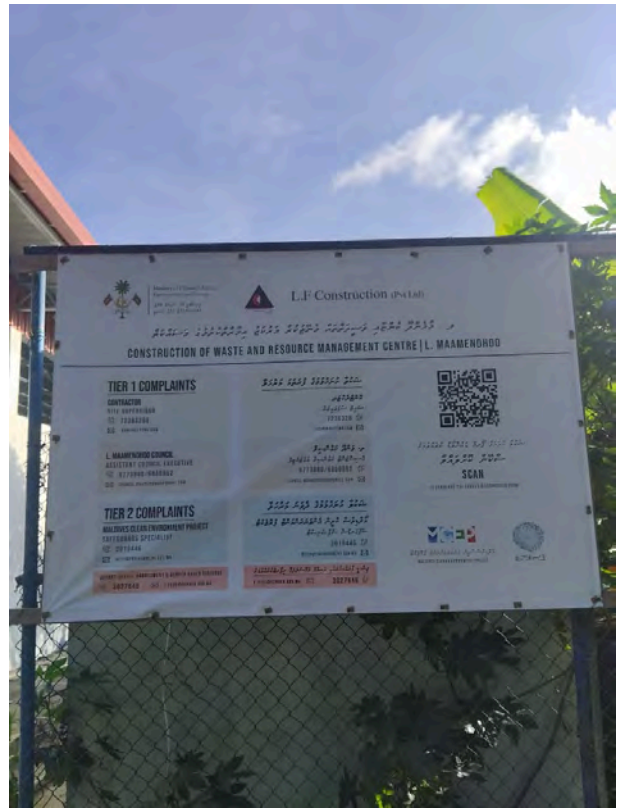
123	What is the total number of workers recruited for the project?	7
<input checked="" type="radio"/>	Are any female workers recruited for the project?	No
123	Specify the number of female workers	
123	Specify the number of local workers	0
123	Specify the number of expatriate workers	7
<input checked="" type="radio"/>	Does all the expatriate workers have valid work permits and work visas?	No
abc	Specify names of the staffs who do not have valid work permits and work visas	<i>Rahim, Kalimullah, Ramulu, Gangaiah, Ritesh Tiwari, Santosh Kumar, Saravananmony</i>
<input checked="" type="radio"/>	Are all workers above the age of 18?	Yes

Section 15: Grievance Redress Mechanism (GRM)

<input checked="" type="radio"/>	Is project board with GRM information present at the site?	Yes
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Attach photograph of the GRM board



When does the contractor plan to do this?



ARE GRM POSTERS PRESENT IN THE ISLAND COUNCILS NOTICE BOARD AND IN PUBLIC PLACES?

Yes



Attach photographic evidence



Attach photographic evidence



Attach photographic evidence



IF NO, WHEN DOES THE COUNCIL PLAN TO INSTALL THE SIGNAGE







WAS ANY GRIEVANCE RELATED TO THE FOLLOWING ISSUES RECEIVED?



Has the concerned authorities

been notified?

Section 16: Status of Stakeholder Consultations

	Have further Stakeholder Consultations been carried out?	No
	If Yes, provide Date and Time of Consultation?	
123	If Yes, Number of stakeholders consulted?	
123	Number of women consulted?	
	Attach Minutes of Consultation	
	If No, provide the planned date of next consultations?	

Section 17: Informants

abc	Contractor's Informant Name and Designation	Masood, Civil Engineer
abc	Council's Informant Name and Designation	Yoouf Jazlaan
abc	Name and Designation of the person who filled the form	Aminath Mohamed, Senior Research Officer
<input checked="" type="checkbox"/>	I certify that all the data captures is accurate to the best of my knowledge	OK
	Signature	

start	2024-03-24T21:43:49.546+05:00
end	2024-04-03T13:13:51.698+05:00
today	
username	
device ID	ee.kobotoolbox.org:TgsjbR8x6paAKeN7
phone number	phonenumber not found
audit	
__version__	vHgrde83WKAA7taMARsXxw
_id	326553854
instanceID	uuid:7b40b859-d6f6-43e4-ac98-1f5a4b06fa78
Submitted by	



ESMP Monitoring Constru...

121 submissions


L

Consultant Declaration

The information provided in this monthly ESMP monitoring form for the construction phase of L.Maamendhoo IWRMC is acquired at the time of inspection, availability of informants at the site and is factual to the best of my knowledge.

Name: Aminath Mohamed

License Number: EIA-T(a)07/2023

Signature: 

Company: Riyan Pvt Ltd

Date of revision: 2nd May 2024

ESMP Monitoring Construction Phase

Section 1: General Information

PROJECT ZONE *
<input type="radio"/> Zone 2 <input type="radio"/> Zone 4 <input checked="" type="radio"/> Zone 5
ATOLL
<input type="radio"/> Thaa <input checked="" type="radio"/> Laamu
ISLAND NAME Maamendhoo

Section 2: Sub Project Details

TYPE OF SUB PROJECT? *
<i>Indicate information pertaining to the proposed technology</i>
<input type="radio"/> IWRMC Manual Composting <input checked="" type="radio"/> IWRMC Composting Machine <input type="radio"/> IWRMC Anaerobic Digestion <input type="radio"/> Other
SUB-PROJECT DETAILS
<input type="radio"/> Construction of a new center <input checked="" type="radio"/> Upgrading of an existing center

SUB PROJECT LOCATION?

Include Atoll and select project site via map

1.814389 73.392116 0 0

latitude (x.y °)

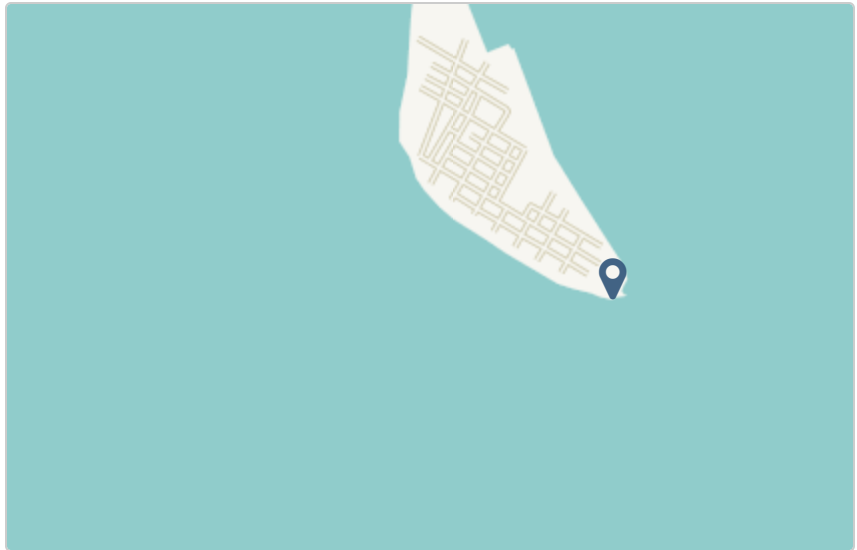
1.814389

longitude (x.y °)

73.392116

altitude (m)

accuracy (m)



PHYSICAL PROGRESS

Provide Percentage

Section 3: Storage of Hazardous Chemicals during Construction

ARE FUEL USED FOR PROJECT PURPOSES STORED IN SEALED CONTAINERS?

This would mostly include oil and diesel for the cement mixing machine

- Yes
- No
- Not Applicable / Observed

WERE ALL HAZARDOUS CHEMICAL CONTAINERS (PAINTS, THINNERS, LUBRICANTS) STORE IN CLOSED CONTAINERS AND PLACED ON A IMPERMEABLE SURFACE (EITHER A CONCRETE SLAB, CONTAINED BOX OR LINED AND ISOLATED AREA?)

- Yes
- No
- Not Applicable / Observed

IF YES, ATTACH PHOTOGRAPHIC PROOF

IMG_20240422_152401-14_18_14.jpg



WERE ANY CHEMICALS STORED CLOSE TO ELECTRICAL OUTLETS, OR ANY AREAS WHERE THERE IS A RISK OF FIRE AND EXPLOSION?

- Yes
- No

Section 4: Noise Pollution Management Practices

WHAT MITIGATION MEASURES HAVE BEEN APPLIED BY THE CONTRACTOR TO REDUCE NOISE POLLUTION?

- Construction Activity Only During Day Time (8.00am-6.00pm)
- Noise Barrier Installed
- Workers involved in either drilling, welding or noisy machinery operation were wearing ear muffers
- Other measures used by contractor

SPECIFY OTHER MEASURES USED?

WAS WAS THE NOISE LEVEL OBSERVED ON THE SITE DURING THE MONITORING VISIT?

- Very Loud (heavy machinery in operation, continuous drilling and construction noise, not bearable, loud labor gangs)
- Moderate (normal construction site operation, bearable but moderately noisy)
- Low levels of noise (can hear speech over sound, low levels of noise at site)

Section 5: Air Quality and Dust

ARE VEHICLES USED FOR TRANSPORTING MATERIAL FROM HARBOUR TO PROJECT SITE?

- Yes
- No

ARE MACHINERIES USED WELL TUNED / SERVICED?

Machines are operating without emissions of smoke or fumes

- Yes
- No
- Not Applicable / Not used

DID YOU OBSERVE HIGH LEVELS OF DUST GENERATED IN THE WORK SITE?

- Yes
- No

ATTACH PHOTO OF THE SITE TO INDICATE GROUND CONDITION

IMG_20240422_152115-14_22_17.jpg



ARE STOCKPILED CONSTRUCTION MATERIALS COVERED?

- Yes
- No

IS THE CONTRACTOR OPEN BURNING ANY WASTE ON THE SITE OR NEAR THE SITE?

- Yes
- No

DID YOU NOTICE ANY FUMES OR BAD SMELLS FROM THE SITE BEING GENERATED VIA THE USE OF CHEMICALS?

- Yes
- No

Section 6: Source of Sand

IS SAND SOURCED FOR CONSTRUCTION IN COMPLIANCE WITH NATIONAL LAWS AND REGULATION?

(Sand should not be sourced from the beach or lagoon of an inhabited island, tourist resort, or any protected island. This includes the area of the island designated for sand mining of local public use)

- Yes
- No

PROVIDE PHOTOGRAPHIC EVIDENCE

Attach a photograph of sand bags

IMG_20240422_152723-14_23_30.jpg



Section 7: Waste Management

IS CONSTRUCTION AND DEMOLITION WASTE (C&D) AND/OR GREEN WASTE GENERATED FROM THE PROJECT?

If unsure, ask the Site Supervisor for verification

- Yes
 No

IS THERE EVIDENCE OF LITTERING IN AND AROUND THE SITE?

Walk around the site and do a visual inspection

- Yes
 No

A BIN IS PRESENT FOR DISPOSING GENERAL WASTE GENERATED BY WORKERS?

- Yes
 No

Section 8: Impacts on Natural Environment

DOES THE SITE CONTAIN ANY SIGNIFICANT VEGETATION?

Only large trees and coconut palms are referred here

- Yes
 No

Section 9: General Health and Safety

IS THE SITE DEMARCATED AS A CONSTRUCTION SITE?

- Yes
 No

WHICH METHOD IS USED TO DEMARCATATE THE SITE?

- Taping
 Fencing
 Hoarding

ATTACH A PHOTOGRAPH OF SITE DEMARCATION

IMG_20240422_152454-14_29_16.jpg



IS NO ENTRY SIGN BOARD PRESENT?

- Yes
- No

ATTACH A PHOTOGRAPH OF NO ENTRY SIGN BOARD

IMG_20240422_152001-14_29_29.jpg



IS SAFETY SIGN BOARD WITH PPE REQUIREMENT PRESENT?

- Yes
- No

ATTACH A PHOTOGRAPH OF PPE SIGN BOARD

IMG_20240422_151953-14_29_41.jpg



Section 10: Occupational Health and Safety

TO WHAT LEVEL ARE SAFETY GEARS / PERSONAL PROTECTIVE EQUIPMENT (PPES) BEING USED?

- Satisfactory (All workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site.)
- Marginally Satisfactory (About 50% of workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site) U-
- Unsatisfactory (Less than 20% workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site)

Section 11: Management of COVID19

IS THE COUNTRY UNDER A NATIONAL PUBLIC HEALTH EMERGENCY?

- Yes
- No

Section 12: Working Conditions and Labor

HOW IS FOOD ARRANGEMENTS BEING MADE FOR THE CONTRACTOR'S WORKERS?

Ask the Site Supervisor and / or workers at the site

- Monthly allowance
- Contractor

HOW MANY MEALS / BREAKS ARE PROVIDED PER DAY

Ask the Site Supervisor and / or workers at the site

2

WHAT ARE THE STANDARD PER DAY WORKING HOURS?

10

SPECIFY WORK START TIME

07:00 AM

SPECIFY WORK END TIME

07:00 PM

HOW IS ACCOMMODATION BEING ARRANGED?

Ask the site supervisor and / or workers at the site

- Rented house
- Temporary accommodation block
- Single Room

WAS STAFF ACCOMMODATION CHECKED DURING MONITORING?

- Yes
- No

AT THE WORK SITE DO THE LABOR HAVE A RESTING AREA WITH ADEQUATE DRINKING WATER SUPPLIES?

Ask the Site Supervisor for verification

- Yes
- No

Section 13: Fire Safety

IS A PORTABLE EXTINGUISHER PRESENT AT THE SITE?

- Yes
- No

OTHER FIRE SAFETY PRECAUTIONS TAKEN

- No open electrical wires are found
- Electrical wires installed by certified person

Section 14: Sociocultural Issues

WHAT IS THE TOTAL NUMBER OF WORKERS RECRUITED FOR THE PROJECT?

1

ARE ANY FEMALE WORKERS RECRUITED FOR THE PROJECT?

- Yes
- No

SPECIFY THE NUMBER OF LOCAL WORKERS

SPECIFY THE NUMBER OF EXPATRIATE WORKERS

1

DOES ALL THE EXPATRIATE WORKERS HAVE VALID WORK PERMITS AND WORK VISAS?

- Yes
- No

SPECIFY NAMES OF THE STAFFS WHO DO NOT HAVE VALID WORK PERMITS AND WORK VISAS

Gangaya (expired on 12-3-24)

ARE ALL WORKERS ABOVE THE AGE OF 18?

Verify via the work permits / National ID cards and confirm

- Yes
- No

Section 15: Grievance Redress Mechanism (GRM)

IS PROJECT BOARD WITH GRM INFORMATION PRESENT AT THE SITE?

- Yes
 No

ATTACH PHOTOGRAPH OF THE GRM BOARD

IMG_20240422_152600-15_16_1.jpg



ARE GRM POSTERS PRESENT IN THE ISLAND COUNCILS NOTICE BOARD AND IN PUBLIC PLACES?

- Yes
 No

WAS ANY GRIEVANCE RELATED TO THE FOLLOWING ISSUES RECEIVED?

- CASE OF GENDER BASED VIOLENCE (GBV) / Sexual harassment (SH) / Sexual Exploitation and Abuse (SEA)
 CASE OF THEFT
 CASE OF VIOLENCE
 CASE OF MISCONDUCT BY PROJECT WORKERS
 CASE OF MAJOR ENVIRONMENTAL IMPACT (SPILL, FIRE Etc)

Section 16: Status of Stakeholder Consultations

HAVE FURTHER STAKEHOLDER CONSULTATIONS BEEN CARRIED OUT?

Yes

No

Section 17: Informants

CONTRACTOR'S INFORMANT NAME AND DESIGNATION *

Gangaya, Labour

COUNCIL'S INFORMANT NAME AND DESIGNATION *

Council was absent

NAME AND DESIGNATION OF THE PERSON WHO FILLED THE FORM

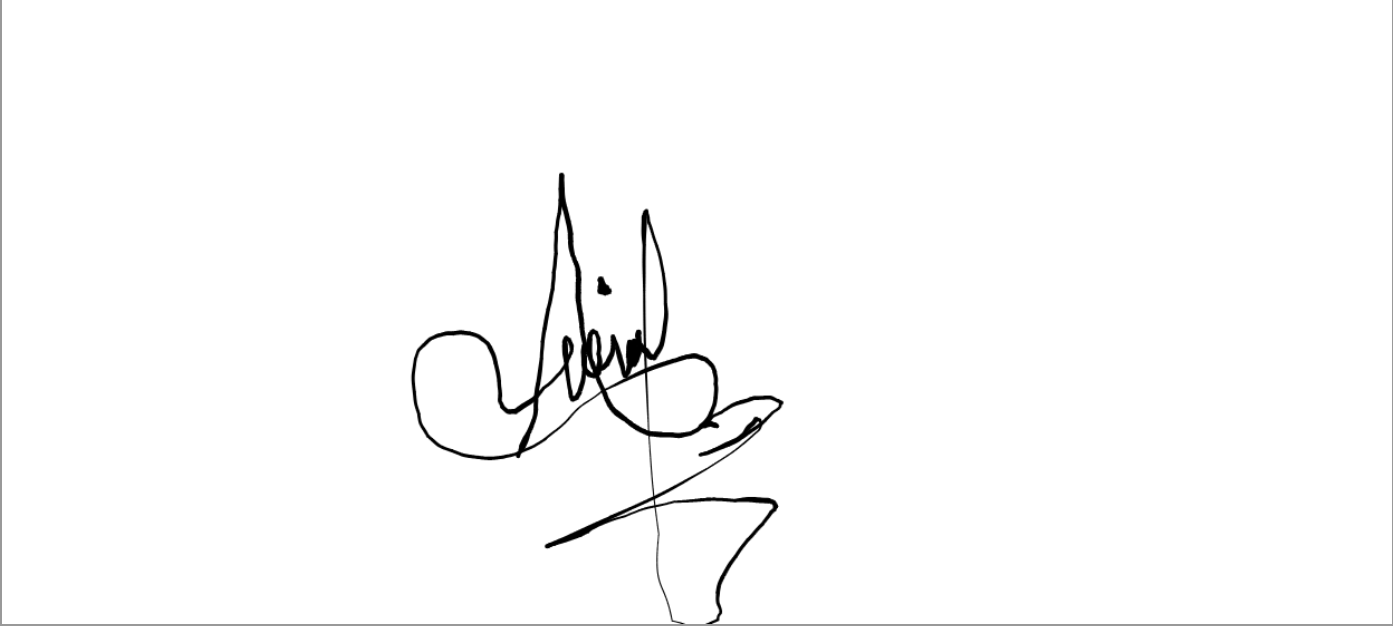
Aminath Mohamed, Senior Research Officer

I CERTIFY THAT ALL THE DATA CAPTURES IS ACCURATE TO THE BEST OF MY KNOWLEDGE *

OK

SIGNATURE

signature.png



THIS NOTE CAN BE READ OUT LOUD.....


Thankyou for completing the form. Please submit when completed

Consultant Declaration

The information provided in this monthly ESMP monitoring form for the construction phase of L. Maamendhoo IWRMC is acquired at the time of inspection, availability of informants at the site and is factual to the best of my knowledge.

Name: Aminath Mohamed

License Number: EIA-T(a)07/2023

Signature: 

Company: Riyan Pvt Ltd

Date of revision: 4th June 2024

ESMP Monitoring Construction Phase

Section 1: General Information

PROJECT ZONE *
<input type="radio"/> Zone 2 <input type="radio"/> Zone 4 <input checked="" type="radio"/> Zone 5
ATOLL
<input type="radio"/> Thaa <input checked="" type="radio"/> Laamu
ISLAND NAME Maamendhoo

Section 2: Sub Project Details

TYPE OF SUB PROJECT? *
<i>Indicate information pertaining to the proposed technology</i>
<input type="radio"/> IWRMC Manual Composting <input checked="" type="radio"/> IWRMC Composting Machine <input type="radio"/> IWRMC Anaerobic Digestion <input type="radio"/> Other
SUB-PROJECT DETAILS
<input type="radio"/> Construction of a new center <input checked="" type="radio"/> Upgrading of an existing center

SUB PROJECT LOCATION?

Include Atoll and select project site via map

0.708119 73.439593 0 0

latitude (x.y °)

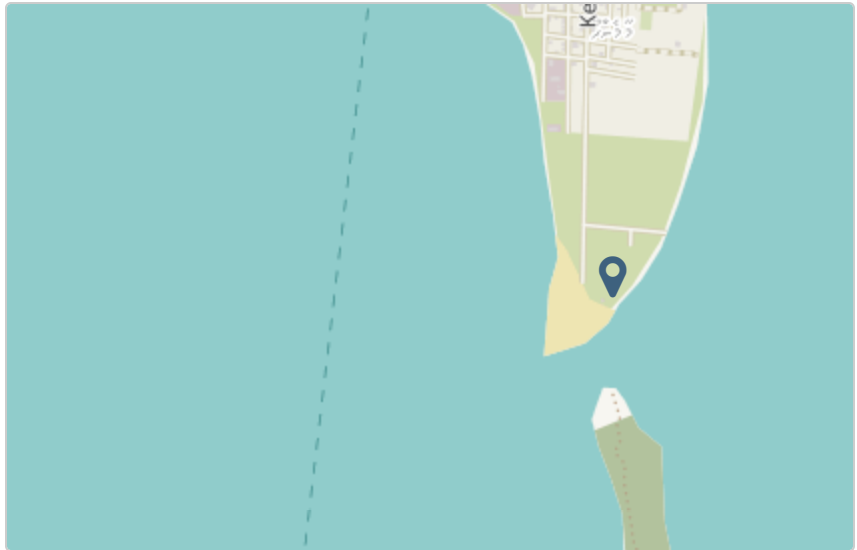
0.708119

longitude (x.y °)

73.439593

altitude (m)

accuracy (m)



PHYSICAL PROGRESS

Provide Percentage

Section 3: Storage of Hazardous Chemicals during Construction

ARE FUEL USED FOR PROJECT PURPOSES STORED IN SEALED CONTAINERS?

This would mostly include oil and diesel for the cement mixing machine

- Yes
- No
- Not Applicable / Observed

WERE ALL HAZARDOUS CHEMICAL CONTAINERS (PAINTS, THINNERS, LUBRICANTS) STORE IN CLOSED CONTAINERS AND PLACED ON A IMPERMEABLE SURFACE (EITHER A CONCRETE SLAB, CONTAINED BOX OR LINED AND ISOLATED AREA?)

- Yes
- No
- Not Applicable / Observed

WERE ANY CHEMICALS STORED CLOSE TO ELECTRICAL OUTLETS, OR ANY AREAS WHERE THERE IS A RISK OF FIRE AND EXPLOSION?

- Yes
- No

Section 4: Noise Pollution Management Practices

WHAT MITIGATION MEASURES HAVE BEEN APPLIED BY THE CONTRACTOR TO REDUCE NOISE POLLUTION?

- Construction Activity Only During Day Time (8.00am-6.00pm)
- Noise Barrier Installed
- Workers involved in either drilling, welding or noisy machinery operation were wearing ear muffs
- Other measures used by contractor

SPECIFY OTHER MEASURES USED?

No construction works were carried out

WAS WAS THE NOISE LEVEL OBSERVED ON THE SITE DURING THE MONITORING VISIT?

- Very Loud (heavy machinery in operation, continuous drilling and construction noise, not bearable, loud labor gangs)
- Moderate (normal construction site operation, bearable but moderately noisy)
- Low levels of noise (can hear speech over sound, low levels of noise at site)

Section 5: Air Quality and Dust

ARE VEHICLES USED FOR TRANSPORTING MATERIAL FROM HARBOUR TO PROJECT SITE?

- Yes
- No

HOW WAS MATERIALS TRANSFERRED TO THE SITE?

- Covered
- Not Covered
- Not Observed

ARE MACHINERIES USED WELL TUNED / SERVICED?

Machines are operating without emissions of smoke or fumes

- Yes
- No
- Not Applicable / Not used

DID YOU OBSERVE HIGH LEVELS OF DUST GENERATED IN THE WORK SITE?

- Yes
- No

ATTACH PHOTO OF THE SITE TO INDICATE GROUND CONDITION

IMG_20240527_172318-10_11_8.jpg



ARE STOCKPILED CONSTRUCTION MATERIALS COVERED?

- Yes
- No

IS THE CONTRACTOR OPEN BURNING ANY WASTE ON THE SITE OR NEAR THE SITE?

- Yes
- No

DID YOU NOTICE ANY FUMES OR BAD SMELLS FROM THE SITE BEING GENERATED VIA THE USE OF CHEMICALS?

- Yes
- No

Section 6: Source of Sand

IS SAND SOURCED FOR CONSTRUCTION IN COMPLIANCE WITH NATIONAL LAWS AND REGULATION?

(Sand should not be sourced from the beach or lagoon of an inhabited island, tourist resort, or any protected island. This includes the area of the island designated for sand mining of local public use)

- Yes
- No

Section 7: Waste Management

IS CONSTRUCTION AND DEMOLITION WASTE (C&D) AND/OR GREEN WASTE GENERATED FROM THE PROJECT?

If unsure, ask the Site Supervisor for verification

- Yes
- No

IS THERE EVIDENCE OF LITTERING IN AND AROUND THE SITE?

Walk around the site and do a visual inspection

- Yes
- No

A BIN IS PRESENT FOR DISPOSING GENERAL WASTE GENERATED BY WORKERS?

- Yes
- No

Section 8: Impacts on Natural Environment

DOES THE SITE CONTAIN ANY SIGNIFICANT VEGETATION?

Only large trees and coconut palms are referred here

- Yes
- No

Section 9: General Health and Safety

IS THE SITE DEMARCATED AS A CONSTRUCTION SITE?

- Yes
- No

WHICH METHOD IS USED TO DEMARCATATE THE SITE?

- Taping
- Fencing
- Hoarding

ATTACH A PHOTOGRAPH OF SITE DEMARCATION

IMG_20240527_170020-10_23_56.jpg



IS NO ENTRY SIGN BOARD PRESENT?

- Yes
- No

ATTACH A PHOTOGRAPH OF NO ENTRY SIGN BOARD

IMG_20240527_172724-10_24_7.jpg



IS SAFETY SIGN BOARD WITH PPE REQUIREMENT PRESENT?

- Yes
- No

ATTACH A PHOTOGRAPH OF PPE SIGN BOARD

IMG_20240527_172717-10_24_16.jpg



Section 10: Occupational Health and Safety

TO WHAT LEVEL ARE SAFETY GEARS / PERSONAL PROTECTIVE EQUIPMENT (PPES) BEING USED?

- Satisfactory (All workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site.)
- Marginally Satisfactory (About 50% of workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site) U-
- Unsatisfactory (Less than 20% workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site)

Section 11: Management of COVID19

IS THE COUNTRY UNDER A NATIONAL PUBLIC HEALTH EMERGENCY?

- Yes
- No

Section 12: Working Conditions and Labor

HOW IS FOOD ARRANGEMENTS BEING MADE FOR THE CONTRACTOR'S WORKERS?

Ask the Site Supervisor and / or workers at the site

- Monthly allowance
- Contractor

HOW MANY MEALS / BREAKS ARE PROVIDED PER DAY

Ask the Site Supervisor and / or workers at the site

3

WHAT ARE THE STANDARD PER DAY WORKING HOURS?

12

SPECIFY WORK START TIME

07:00 AM

SPECIFY WORK END TIME

07:00 PM

HOW IS ACCOMMODATION BEING ARRANGED?

Ask the site supervisor and / or workers at the site

- Rented house
- Temporary accommodation block
- Single Room

WAS STAFF ACCOMMODATION CHECKED DURING MONITORING?

- Yes
- No

AT THE WORK SITE DO THE LABOR HAVE A RESTING AREA WITH ADEQUATE DRINKING WATER SUPPLIES?

Ask the Site Supervisor for verification

- Yes
- No

Section 13: Fire Safety

IS A PORTABLE EXTINGUISHER PRESENT AT THE SITE?

- Yes
- No

OTHER FIRE SAFETY PRECAUTIONS TAKEN

- No open electrical wires are found
- Electrical wires installed by certified person

Section 14: Sociocultural Issues

WHAT IS THE TOTAL NUMBER OF WORKERS RECRUITED FOR THE PROJECT?

.....

Section 15: Grievance Redress Mechanism (GRM)

IS PROJECT BOARD WITH GRM INFORMATION PRESENT AT THE SITE?

- Yes
- No

ATTACH PHOTOGRAPH OF THE GRM BOARD

IMG_20240527_173150-10_28_10.jpg



ARE GRM POSTERS PRESENT IN THE ISLAND COUNCILS NOTICE BOARD AND IN PUBLIC PLACES?

- Yes
- No

IF NO, WHEN DOES THE COUNCIL PLAN TO INSTALL THE SIGNAGE

yyyy-mm-dd

WAS ANY GRIEVANCE RELATED TO THE FOLLOWING ISSUES RECEIVED?

- CASE OF GENDER BASED VIOLENCE (GBV) / Sexual harassment (SH) / Sexual Exploitation and Abuse (SEA)
- CASE OF THEFT
- CASE OF VIOLENCE
- CASE OF MISCONDUCT BY PROJECT WORKERS
- CASE OF MAJOR ENVIRONMENTAL IMPACT (SPILL, FIRE Etc)

Section 16: Status of Stakeholder Consultations

HAVE FURTHER STAKEHOLDER CONSULTATIONS BEEN CARRIED OUT?

- Yes
- No

IF NO, PROVIDE THE PLANNED DATE OF NEXT CONSULTATIONS?

yyyy-mm-dd

Section 17: Informants

CONTRACTOR'S INFORMANT NAME AND DESIGNATION *

Contractor absent since work was on halt at the time of inspection

COUNCIL'S INFORMANT NAME AND DESIGNATION *

Yoosuf Jazlaan

NAME AND DESIGNATION OF THE PERSON WHO FILLED THE FORM

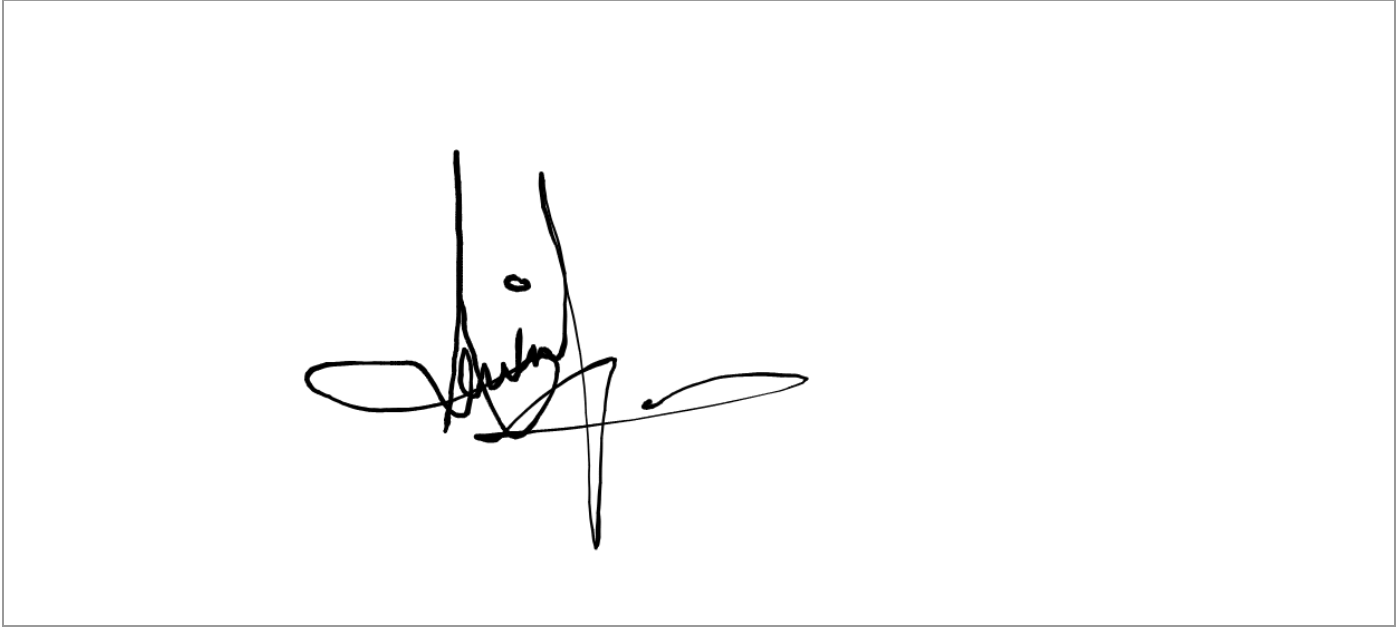
Aminath Mohamed, SRO

I CERTIFY THAT ALL THE DATA CAPTURES IS ACCURATE TO THE BEST OF MY KNOWLEDGE *

OK

SIGNATURE

signature.png



THIS NOTE CAN BE READ OUT LOUD.....

Thankyou for completing the form. Please submit when completed

Consultant Declaration

The information provided in this monthly ESMP monitoring form for the construction phase of Island Waste Recovery Management Centre (IWRMC) in the Island of L. Maamendhoo is acquired at the time of inspection, availability of informants on-site and is factual to the best of my knowledge.

Name: Michael C. Rubia

Designation: Environmental & Social Safeguard Officer

Signature:

A handwritten signature in blue ink, appearing to read 'M. Rubia', written over a faint circular stamp or watermark.

Company: Riyan Private Limited

Date of revision: 11th August 2024

Title of Report: Interim ESMP Report for the month of June 2024

ESMP Monitoring Construction Phase

Section 1: General Information

PROJECT ZONE *

- Zone 2
- Zone 4
- Zone 5

ATOLL

- Thaa
- Laamu

ISLAND NAME

La. Mamendhoo

Section 2: Sub Project Details

TYPE OF SUB PROJECT? *

Indicate information pertaining to the proposed technology

- IWRMC Manual Composting
- IWRMC Composting Machine
- IWRMC Anaerobic Digestion
- Other

SUB-PROJECT DETAILS

- Construction of a new center
- Upgrading of an existing center

SUB PROJECT LOCATION?

Include Atoll and select project site via map

latitude (x.y °)

1.814495

longitude (x.y °)

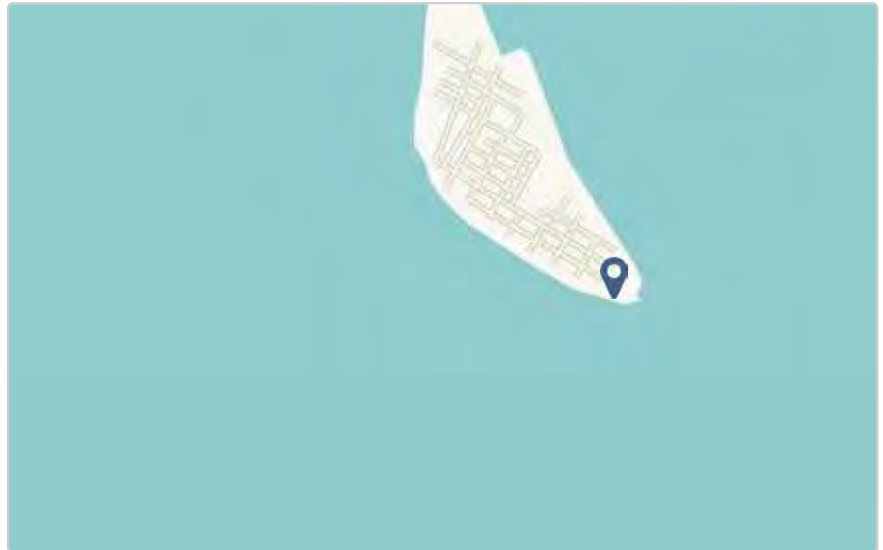
73.391825

altitude (m)

-87.30000305175781

accuracy (m)

68.4000015258789



PHYSICAL PROGRESS

Provide Percentage

62.94% (for month of June 2024)

Section 3: Storage of Hazardous Chemicals during Construction

ARE FUEL USED FOR PROJECT PURPOSES STORED IN SEALED CONTAINERS?

This would mostly include oil and diesel for the cement mixing machine

- Yes
- No
- Not Applicable / Observed

WERE ALL HAZARDOUS CHEMICAL CONTAINERS (PAINTS, THINNERS, LUBRICANTS) STORE IN CLOSED CONTAINERS AND PLACED ON A IMPERMEABLE SURFACE (EITHER A CONCRETE SLAB, CONTAINED BOX OR LINED AND ISOLATED AREA?)

- Yes
- No
- Not Applicable / Observed

WERE ANY CHEMICALS STORED CLOSE TO ELECTRICAL OUTLETS, OR ANY AREAS WHERE THERE IS A RISK OF FIRE AND EXPLOSION?

- Yes
- No

Section 4: Noise Pollution Management Practices

WHAT MITIGATION MEASURES HAVE BEEN APPLIED BY THE CONTRACTOR TO REDUCE NOISE POLLUTION?

- Construction Activity Only During Day Time (8.00am-6.00pm)
- Noise Barrier Installed
- Workers involved in either drilling, welding or noisy machinery operation were wearing ear mufflers
- Other measured used by contractor

WAS WAS THE NOISE LEVEL OBSERVED ON THE SITE DURING THE MONITORING VISIT?

- Very Loud (heavy machinery in operation, continuous drilling and construction noise, not bearable, loud labor gangs)
- Moderate (normal construction site operation, bearable but moderately noisy)
- Low levels of noise (can hear speech over sound, low levels of noise at site)

Section 5: Air Quality and Dust

ARE VEHICLES USED FOR TRANSPORTING MATERIAL FROM HARBOUR TO PROJECT SITE?

- Yes
- No

HOW WAS MATERIALS TRANSFERRED TO THE SITE?

- Covered
- Not Covered
- Not Observed

ARE MACHINERIES USED WELL TUNED / SERVICED?

Machines are operating without emissions of smoke or fumes

- Yes
- No
- Not Applicable / Not used

DID YOU OBSERVE HIGH LEVELS OF DUST GENERATED IN THE WORK SITE?

- Yes
- No

ATTACH PHOTO OF THE SITE TO INDICATE GROUND CONDITION

IMG20240715081618-18_26_52.jpg



ARE STOCKPILED CONSTRUCTION MATERIALS COVERED?

- Yes
- No

ATTACH PHOTO OF HOW MATERIALS ARE STOCKPILED

IMG20240715082640-18_27_19.jpg



IS THE CONTRACTOR OPEN BURNING ANY WASTE ON THE SITE OR NEAR THE SITE?

- Yes
- No

DID YOU NOTICE ANY FUMES OR BAD SMELLS FROM THE SITE BEING GENERATED VIA THE USE OF CHEMICALS?

- Yes
- No

Section 6: Source of Sand

IS SAND SOURCED FOR CONSTRUCTION IN COMPLIANCE WITH NATIONAL LAWS AND REGULATION?

(Sand should not be sourced from the beach or lagoon of an inhabited island, tourist resort, or any protected island. This includes the area of the island designated for sand mining of local public use)

- Yes
- No

PROVIDE PHOTOGRAPHIC EVIDENCE

Attach a photograph of sand bags

IMG20240715081922-18_28_41.jpg



Section 7: Waste Management

IS CONSTRUCTION AND DEMOLITION WASTE (C&D) AND/OR GREEN WASTE GENERATED FROM THE PROJECT?

If unsure, ask the Site Supervisor for verification

- Yes
 No

IS THERE EVIDENCE OF LITTERING IN AND AROUND THE SITE?

Walk around the site and do a visual inspection

- Yes
 No

A BIN IS PRESENT FOR DISPOSING GENERAL WASTE GENERATED BY WORKERS?

- Yes
 No

Section 8: Impacts on Natural Environment

DOES THE SITE CONTAIN ANY SIGNIFICANT VEGETATION?

Only large trees and coconut palms are referred here

- Yes
 No

Section 9: General Health and Safety

IS THE SITE DEMARCATED AS A CONSTRUCTION SITE?

- Yes
 No

WHICH METHOD IS USED TO DEMARCATATE THE SITE?

- Taping
 Fencing
 Hoarding

ATTACH A PHOTOGRAPH OF SITE DEMARCATION

IMG20240715084154-18_29_42.jpg



IS NO ENTRY SIGN BOARD PRESENT?

- Yes
- No

ATTACH A PHOTOGRAPH OF NO ENTRY SIGN BOARD

IMG20240715084337-18_30_7.jpg



IS SAFETY SIGN BOARD WITH PPE REQUIREMENT PRESENT?

- Yes
- No

ATTACH A PHOTOGRAPH OF PPE SIGN BOARD

IMG20240715084339-18_30_31.jpg



Section 10: Occupational Health and Safety

TO WHAT LEVEL ARE SAFETY GEARS / PERSONAL PROTECTIVE EQUIPMENT (PPES) BEING USED?

- Satisfactory (All workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site.)
- Marginally Satisfactory (About 50% of workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site) U-
- Unsatisfactory (Less than 20% workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site)

WHAT ARE THE TYPES OF PPES OBSERVED BEING USED BY THE SITE WORKERS?

- Boots/Covered Shoes
- Hard hats
- Ear Mufflers (Workers operating machinery or drilling)
- Goggles (workers, drilling, welding or using sharp machinery)
- Gloves- Thick latex
- Masks
- Safety Harnesses
- Luminous Jackets
- Others

ATTACH A PHOTOGRAPH OF WORKERS WITH BOOTS/COVERED SHOES

IMG20240715085839-18_30_59.jpg



ATTACH A PHOTOGRAPH OF WORKERS WITH HARD HATS

IMG20240715085841-18_31_21.jpg



ATTACH A PHOTOGRAPH OF WORKERS USING LUMINOUS JACKETS

IMG20240715085640-18_31_50.jpg



Section 11: Management of COVID19

IS THE COUNTRY UNDER A NATIONAL PUBLIC HEALTH EMERGENCY?

Yes

No

Section 12: Working Conditions and Labor

HOW IS FOOD ARRANGEMENTS BEING MADE FOR THE CONTRACTOR'S WORKERS?

Ask the Site Supervisor and / or workers at the site

- Monthly allowance
- Contractor

HOW MANY MEALS / BREAKS ARE PROVIDED PER DAY

Ask the Site Supervisor and / or workers at the site

3

WHAT ARE THE STANDARD PER DAY WORKING HOURS?

8

SPECIFY WORK START TIME

08:00 am

SPECIFY WORK END TIME

06:00 pm

HOW IS ACCOMMODATION BEING ARRANGED?

Ask the site supervisor and / or workers at the site

- Rented house
- Temporary accommodation block
- Single Room

WAS STAFF ACCOMMODATION CHECKED DURING MONITORING?

- Yes
- No

AT THE WORK SITE DO THE LABOR HAVE A RESTING AREA WITH ADEQUATE DRINKING WATER SUPPLIES?

Ask the Site Supervisor for verification

- Yes
- No

Section 13: Fire Safety

IS A PORTABLE EXTINGUISHER PRESENT AT THE SITE?

- Yes
- No

ATTACH PHOTOGRAPHIC OF EXTINGUISHER

IMG20240715085500-18_32_36.jpg



OTHER FIRE SAFETY PRECAUTIONS TAKEN

- No open electrical wires are found
- Electrical wires installed by certified person

Section 14: Sociocultural Issues

WHAT IS THE TOTAL NUMBER OF WORKERS RECRUITED FOR THE PROJECT?

5

ARE ANY FEMALE WORKERS RECRUITED FOR THE PROJECT?

- Yes
- No

SPECIFY THE NUMBER OF LOCAL WORKERS

0

SPECIFY THE NUMBER OF EXPATRIATE WORKERS

5

DOES ALL THE EXPATRIATE WORKERS HAVE VALID WORK PERMITS AND WORK VISAS?

- Yes
- No

SPECIFY NAMES OF THE STAFFS WHO DO NOT HAVE VALID WORK PERMITS AND WORK VISAS

Saravanan Mony , Gangaiah Bellapu

ARE ALL WORKERS ABOVE THE AGE OF 18?

Verify via the work permits / National ID cards and confirm

- Yes
- No

Section 15: Grievance Redress Mechanism (GRM)

IS PROJECT BOARD WITH GRM INFORMATION PRESENT AT THE SITE?

- Yes
- No

ATTACH PHOTOGRAPH OF THE GRM BOARD

IMG20240715084745-18_33_43.jpg



ARE GRM POSTERS PRESENT IN THE ISLAND COUNCILS NOTICE BOARD AND IN PUBLIC PLACES?

- Yes
- No

IF NO, WHEN DOES THE COUNCIL PLAN TO INSTALL THE SIGNAGE

yyyy-mm-dd

WAS ANY GRIEVANCE RELATED TO THE FOLLOWING ISSUES RECEIVED?

- CASE OF GENDER BASED VIOLENCE (GBV) / Sexual harassment (SH) / Sexual Exploitation and Abuse (SEA)
- CASE OF THEFT
- CASE OF VIOLENCE
- CASE OF MISCONDUCT BY PROJECT WORKERS
- CASE OF MAJOR ENVIRONMENTAL IMPACT (SPILL, FIRE Etc)

Section 16: Status of Stakeholder Consultations

HAVE FURTHER STAKEHOLDER CONSULTATIONS BEEN CARRIED OUT?

- Yes
- No

Section 17: Informants

CONTRACTOR'S INFORMANT NAME AND DESIGNATION *

Parvesh- Site Supervisor

COUNCIL'S INFORMANT NAME AND DESIGNATION *

Not Present

NAME AND DESIGNATION OF THE PERSON WHO FILLED THE FORM

Michael Rubia- Environmental, Social & Safeguard officer

I CERTIFY THAT ALL THE DATA CAPTURES IS ACCURATE TO THE BEST OF MY KNOWLEDGE *

- OK

SIGNATURE

A large, stylized handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the right.

THIS NOTE CAN BE READ OUT LOUD

Thankyou for completing the form. Please submit when completed

Consultant Declaration

The information provided in this monthly ESMP monitoring form for the construction phase of Island Waste Recovery Management Centre (IWRMC) in the Island of L. Maamendhoo is acquired at the time of inspection, availability of informants on-site and is factual to the best of my knowledge.

Name: Michael C. Rubia

Designation: Environmental & Social Safeguard Officer

Signature:

A handwritten signature in blue ink, appearing to read 'M. Rubia', written over a circular scribble.

Company: Riyan Private Limited

Date Issued: 15th August 2024

Date of revision:

Title of Report: Interim ESMP Monitoring Report -July 2024

ESMP Monitoring Construction Phase

Section 1: General Information

PROJECT ZONE *

- Zone 2
- Zone 4
- Zone 5

ATOLL

- Thaa
- Laamu

ISLAND NAME

Maamendhoo

Section 2: Sub Project Details

TYPE OF SUB PROJECT? *

Indicate information pertaining to the proposed technology

- IWRMC Manual Composting
- IWRMC Composting Machine
- IWRMC Anaerobic Digestion
- Other

SUB-PROJECT DETAILS

- Construction of a new center
- Upgrading of an existing center

SUB PROJECT LOCATION?*Include Atoll and select project site via map*

latitude (x.y °)

1.814495

longitude (x.y °)

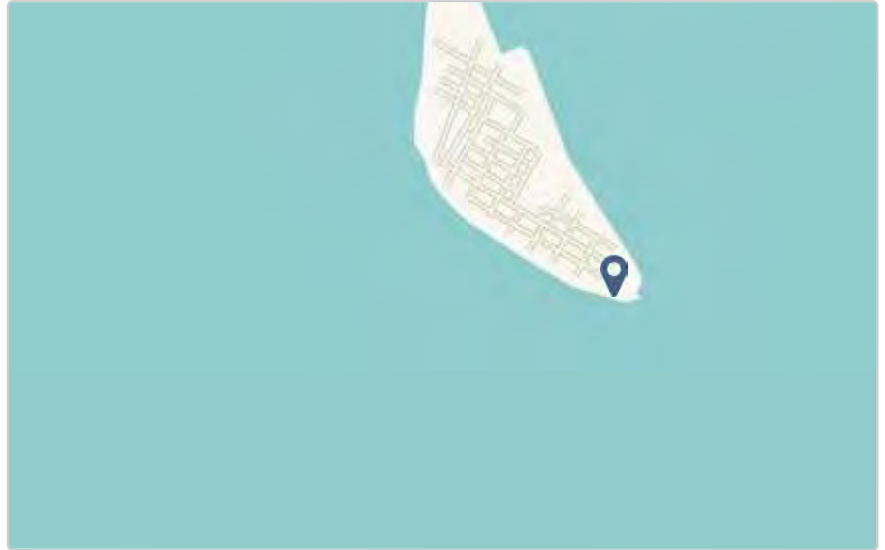
73.391825

altitude (m)

-87.30000305175781

accuracy (m)

68.4000015258789

**PHYSICAL PROGRESS***Provide Percentage*

98.36% (for month of July 2024)

Section 3: Storage of Hazardous Chemicals during Construction**ARE FUEL USED FOR PROJECT PURPOSES STORED IN SEALED CONTAINERS?***This would mostly include oil and diesel for the cement mixing machine*

- Yes
- No
- Not Applicable / Observed

WERE ALL HAZARDOUS CHEMICAL CONTAINERS (PAINTS, THINNERS, LUBRICANTS) STORE IN CLOSED CONTAINERS AND PLACED ON A IMPERMEABLE SURFACE (EITHER A CONCRETE SLAB, CONTAINED BOX OR LINED AND ISOLATED AREA?)

- Yes
- No
- Not Applicable / Observed

WERE ANY CHEMICALS STORED CLOSE TO ELECTRICAL OUTLETS, OR ANY AREAS WHERE THERE IS A RISK OF FIRE AND EXPLOSION?

- Yes
- No

Section 4: Noise Pollution Management Practices

WHAT MITIGATION MEASURES HAVE BEEN APPLIED BY THE CONTRACTOR TO REDUCE NOISE POLLUTION?

- Construction Activity Only During Day Time (8.00am-6.00pm)
- Noise Barrier Installed
- Workers involved in either drilling, welding or noisy machinery operation were wearing ear mufflers
- Other measured used by contractor

WAS WAS THE NOISE LEVEL OBSERVED ON THE SITE DURING THE MONITORING VISIT?

- Very Loud (heavy machinery in operation, continuous drilling and construction noise, not bearable, loud labor gangs)
- Moderate (normal construction site operation, bearable but moderately noisy)
- Low levels of noise (can hear speech over sound, low levels of noise at site)

Section 5: Air Quality and Dust

ARE VEHICLES USED FOR TRANSPORTING MATERIAL FROM HARBOUR TO PROJECT SITE?

- Yes
- No

HOW WAS MATERIALS TRANSFERRED TO THE SITE?

- Covered
- Not Covered
- Not Observed

ARE MACHINERIES USED WELL TUNED / SERVICED?

Machines are operating without emissions of smoke or fumes

- Yes
- No
- Not Applicable / Not used

DID YOU OBSERVE HIGH LEVELS OF DUST GENERATED IN THE WORK SITE?

- Yes
- No

ATTACH PHOTO OF THE SITE TO INDICATE GROUND CONDITION

IMG20240804172520-17_27_54.jpg



ARE STOCKPILED CONSTRUCTION MATERIALS COVERED?

- Yes
- No

IS THE CONTRACTOR OPEN BURNING ANY WASTE ON THE SITE OR NEAR THE SITE?

- Yes
- No

DID YOU NOTICE ANY FUMES OR BAD SMELLS FROM THE SITE BEING GENERATED VIA THE USE OF CHEMICALS?

- Yes
- No

Section 6: Source of Sand

IS SAND SOURCED FOR CONSTRUCTION IN COMPLIANCE WITH NATIONAL LAWS AND REGULATION?

(Sand should not be sourced from the beach or lagoon of an inhabited island, tourist resort, or any protected island. This includes the area of the island designated for sand mining of local public use)

- Yes
 No

PROVIDE PHOTOGRAPHIC EVIDENCE

Attach a photograph of sand bags

IMG20240715081922-10_29_5.jpg



Section 7: Waste Management

IS CONSTRUCTION AND DEMOLITION WASTE (C&D) AND/OR GREEN WASTE GENERATED FROM THE PROJECT?

If unsure, ask the Site Supervisor for verification

- Yes
 No

IS THERE EVIDENCE OF LITTERING IN AND AROUND THE SITE?

Walk around the site and do a visual inspection

- Yes
 No

A BIN IS PRESENT FOR DISPOSING GENERAL WASTE GENERATED BY WORKERS?

- Yes
 No

Section 8: Impacts on Natural Environment

DOES THE SITE CONTAIN ANY SIGNIFICANT VEGETATION?

Only large trees and coconut palms are referred here

- Yes
- No

Section 9: General Health and Safety

IS THE SITE DEMARCATED AS A CONSTRUCTION SITE?

- Yes
- No

WHICH METHOD IS USED TO DEMARCATATE THE SITE?

- Taping
- Fencing
- Hoarding

ATTACH A PHOTOGRAPH OF SITE DEMARCATION

IMG20240804172017-17_28_52.jpg



IS NO ENTRY SIGN BOARD PRESENT?

- Yes
- No

IS SAFETY SIGN BOARD WITH PPE REQUIREMENT PRESENT?

- Yes
- No

Section 10: Occupational Health and Safety

TO WHAT LEVEL ARE SAFETY GEARS / PERSONAL PROTECTIVE EQUIPMENT (PPES) BEING USED?

- Satisfactory (All workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site.)
- Marginally Satisfactory (About 50% of workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site) U-
- Unsatisfactory (Less than 20% workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site)

WHAT ARE THE TYPES OF PPES OBSERVED BEING USED BY THE SITE WORKERS?

- Boots/Covered Shoes
- Hard hats
- Ear Mufflers (Workers operating machinery or drilling)
- Goggles (workers, drilling, welding or using sharp machinery)
- Gloves- Thick latex
- Masks
- Safety Harnesses
- Luminous Jackets
- Others

PROVIDE DETAILS

During latest site visit, no workers been noted on site since the project are almost completed. However, from previous site visit d

Section 11: Management of COVID19

IS THE COUNTRY UNDER A NATIONAL PUBLIC HEALTH EMERGENCY?

- Yes
- No

Section 12: Working Conditions and Labor

HOW IS FOOD ARRANGEMENTS BEING MADE FOR THE CONTRACTOR'S WORKERS?

Ask the Site Supervisor and / or workers at the site

- Monthly allowance
- Contractor

HOW MANY MEALS / BREAKS ARE PROVIDED PER DAY

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- Single Room

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- Yes
- No

AT THE WORK SITE DO THE LABOR HAVE A RESTING AREA WITH ADEQUATE DRINKING WATER SUPPLIES?

Ask the Site Supervisor for verification

- Yes
- No

Section 13: Fire Safety

IS A PORTABLE EXTINGUISHER PRESENT AT THE SITE?

- Yes
- No

ATTACH PHOTOGRAPHIC OF EXTINGUISHER

IMG20240804172223-17_30_17.jpg



OTHER FIRE SAFETY PRECAUTIONS TAKEN

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- Electrical wires installed by certified person

Section 14: Sociocultural Issues

WHAT IS THE TOTAL NUMBER OF WORKERS RECRUITED FOR THE PROJECT?

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SPECIFY THE NUMBER OF LOCAL WORKERS

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SPECIFY THE NUMBER OF EXPATRIATE WORKERS

0

ARE ALL WORKERS ABOVE THE AGE OF 18?

Verify via the work permits / National ID cards and confirm

Yes

No

Section 15: Grievance Redress Mechanism (GRM)

IS PROJECT BOARD WITH GRM INFORMATION PRESENT AT THE SITE?

Yes

No

ATTACH PHOTOGRAPH OF THE GRM BOARD

IMG20240715081112-10_37_21.jpg



ARE GRM POSTERS PRESENT IN THE ISLAND COUNCILS NOTICE BOARD AND IN PUBLIC PLACES?

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- No

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Section 16: Status of Stakeholder Consultations

HAVE FURTHER STAKEHOLDER CONSULTATIONS BEEN CARRIED OUT?

- Yes
- No

Section 17: Informants

CONTRACTOR'S INFORMANT NAME AND DESIGNATION *

Mohamed Yoosuf- Supervisor

COUNCIL'S INFORMANT NAME AND DESIGNATION *

Yoosuf Jazlan- Vice President

NAME AND DESIGNATION OF THE PERSON WHO FILLED THE FORM

Michael Rubia-ESSO

I CERTIFY THAT ALL THE DATA CAPTURES IS ACCURATE TO THE BEST OF MY KNOWLEDGE *

- OK

SIGNATURE

A large, stylized handwritten signature in black ink, consisting of a large loop on the left and several connected strokes on the right.

THIS NOTE CAN BE READ OUT LOUD

Thankyou for completing the form. Please submit when completed

Appendix 5: Groundwater Quality Analysis Report

WATER QUALITY TEST REPORT
 Report No: 500201548

Customer Information:

Riyan PVT Ptd
 H.Azum
 Ameeneemagu
 Male' MALE'

Report date: **25/07/2024**
 Test Requisition Form No: **900201079**
 Sample(s) Recieved Date: **22/07/2024**
 Date of Analysis: **22/07/2024 - 22/07/2024**

Sample Description ~	IWRMC Project / La. Mamendhoo (IWRMC site)	TEST METHOD	UNIT
Sample Type ~	Ground Water		
Sample No	83251249		
Sampled Date ~	17/07/2024 09:30 AM		
Physical Appearance	Pale yellow with particles		
PARAMETER	ANALYSIS RESULT		
Nitrate *	5.7	HACH Method 8171	mg/L

Keys: mg/L : Milligram Per Liter

Checked by



Nashath Ali
 Laboratory Executive

Approved by



Mohamed Eyman
 Assistant General Manager, Quality

Notes:

Sampling Authority: Sampling was not done by MWSC Laboratory.
 This report shall not be reproduced except in full, without written approval of MWSC.
 This test report is ONLY FOR THE SAMPLES TESTED.
 ~ Information provided by the customer. This information may affect the validity of the test results.
 *Parameters accredited by EIAC under ISO/IEC 17025:2017

***** END OF REPORT *****

Appendix 6: Center handover letter issued by MCCEE to L. Maamendhoo Council

