

Environmental and Social Monitoring Report for Construction Phase

**Updated Environmental and Social Management Plan for the
establishment of Island Waste and Resource Management Centre
with Aerobic Digestion Technology at Kinbidhoo, Thaa Atoll**

Location: Thaa Atoll

**LaMer Pvt. Ltd.
Riyan Private Limited**

**Ibrahim Azhan Mohamed
Mariyam Shujaa-ath
Michael Competente Rubia**

Proponent: Ministry of Climate Change, Environment & Energy

September 2024

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Consultant declaration

I certify that to best of my knowledge the statements made in this Environmental and Social Management Plan for the establishment of Island Waste and Resource Management Centre with Aerobic Digestion Technology at Kinbidhoo, Thaa Atoll, are true, complete and correct.

Name: Mariyam Shujaa-ath A. Fathah

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

Signature:



Company Name: Land and Marine Environmental Resource Group Pvt Ltd

Date: 28th September 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 ESMP monitoring report is prepared in line with the requirement of the ESMP for the upgrading of Island Waste and Resource Management Centre with Anaerobic Digestion Technology at Th. Kinbidhoo. Therefore, we hereby approve this report.

Name: Ahmed Hassaan Zuhair

Designation: Environmental and Social Safeguards Specialist

Institution: Maldives Clean Environment Project.

Signature:

Date: 30 September 2024

1 Introduction

The proposed project involves establishment of an IWRMC with aerobic technology using composting machine at Th. Kinbidhoo. This will help to better manage waste at island level.

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 Lyco Construction Pvt Ltd. after a competitive bidding process and agreement signed on 29th December 2022. The project was completed on 11th December 2023. 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

Waste disposal at present is carried out at an area on the north eastern side of the island, which has been designated by the Island Council for the purpose. Metals, glass and plastic are separated. Garden waste and nappies are regularly burnt while kitchen waste is dumped into the lagoon, in some cases along with their containers such as cans or plastic.

The MCCEE being the proponent of the project, intends to establish a IWRMC with aerobic technology using composting machine as a means of treating organic waste generated in Th. Kinbidhoo. The project involves construction of the IWRMC facility and installation of a

composting machine within the boundary of the IWRMC. The proposed IWRMC is made up of an equipment room, and separate areas to store metal waste, paper and cardboard, plastic waste, glass waste, reusables as well as hazardous waste. Staff quarters as well as an office is included in the IWRMC. A mechanical compositing area will be constructed which will contain the aerobic system (compositing machine)

Additional details of the project are described in the Updated ESMP for establishment of Island Waste Resource Management Centre in Th. Kinbidhoo (Hamdhoon Mohamed, 2020).

2 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, staff list with work permits of expatriate staff and a list of health and safety items that the contractor will be taking to the site were acquired from the contractor, along with a signed declaration prior to mobilization. All of these documents were received prior to mobilisation 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 6 site visits were made from between July 2023 to January 2024.

3 Project components

The construction phase of the project involved following major components.:

1. Site preparation

The proposed site contained *cocos nucifera* (Dhivehi ruh) and some undergrowth and hence the project requires removal of vegetation and palm trees. It is estimated that 52 coconut palms will require removal from the site. There is no access road to the site, hence the council has proposed development of a new access road adjoining the islands existing road network. The proposed new access road is vegetated and requires clearance. However, clearance of the access road is not part of the project scope and

the Island council will be responsible for the clearance and implementation of the mitigation measures for access road land clearance.

2. *Clean-up of existing waste*

The proposed work is being carried out at new site on the south side of the island, while the current waste disposal site is on the NE side of the island. There is no waste at the proposed site.

3. *Construction of IWRMC*

The following work will be carried out as part of construction of the IWRMC

- Construction of the superstructure of the IWRMC, which consists of the sorting area, storage area, staff quarters, office and the equipment room. The structure consists of a 4 m high wall for the office/equipment room building.
- Leachate tank: The leachate collection tank is located at the end of the compost slab and has an area of 2m by 4m and a depth of 1 m extending below ground.
- Construction of Sorting Area: The sorting area is a 4.85m long, 4.0 m wide slab with a thickness of 100 mm
- Construction of Perimeter Fence: The perimeter of the site is to be fenced except the gate area. The fencing includes a 150 mm thick masonry wall of 0.6 m height from ground level, followed by the PVC coated mesh fence of elevation 2.8 m from ground level.
- Construction of Well: A well, 1000 mm in diameter is proposed to be constructed at the eastern corner of the IWRMC.
- Construction of a septic tank: this is proposed to manage the sewage generated during the operational phase. The septic tank consists of a primary tank and secondary tank, both of dimensions of 1.3 m by 1.3 m



Figure 1. Schematic layout of IWRMC proposed

4 Project progress

All civil works of the project were completed on 11th December 2023, including plumbing, electrical works and fixing of the firefighting equipment.

Table 1. Type of firefighting equipment and location

Equipment	Quantity	Location
50KG DCP Trolley	2	Collection bay
SOL TR Foam Trolley	1	Collection bay
Wet Chemical 6Ltr with Cabinet	1	Hazardous waste area
Water 9Ltr with Cabinet for Office Area	1	Outside office
CO ₂ 2KG with Cabinet for Office Area	1	Outside office



5 Implementation of mitigation measures

The site condition was well managed throughout the construction phase of the project with no major non-compliance issues being noticed during monitoring. The non-confirming issues noticed during the site visits were relatively minor and are listed below:

Table 2. Details of the non-compliance issues identified (2023)

Issue	Month ¹	Remediation Action	Status ²	Date ³
Absence of bins at the site for disposal of general waste, absence of posters displaying GRM information on the Council noticeboard and public places	August 2023	Informed the contractor	Resolved	November 2023
Construction material not covered, littering in and around the site	September 2023	Informed the contractor	Resolved	January 2024
Construction material not covered, satisfactory level with regard to use of PPE is	November 2023	Informed the contractor	Resolved	January 2024

marginal (About 50% of workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site)				
satisfactory level with regard to use of PPE is marginal (About 50% of workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site)	December 2023	Informed the contractor		

Issue of construction material not being covered was consistent over the months, although most other issues were resolved for the following months.

Appendix 4 provides the interim ESMP monitoring reports generated from KoBo Toolbox throughout the project period.

6 Vegetation clearance and replantation details

According to the Vegetation Compensation Issuance Report of the Batch 1 IWRMCs of Zone 4 & 5, 84 privately owned coconut palms within the development area of the waste management centre and six additional palms belonging to the island council, were removed. Compensation to the privately owned was paid at the rate of MVR 100.00 per juvenile palm, and MVR 500.00 per mature palm. A total of MVR 38,000.00 was paid as compensation for the vegetation clearance.

Table 3. Vegetations Information

Details of Vegetations	No. of trees
No. of trees Translocated	0
No. of trees removed/ Chopped	90
No. of trees that were replanted	120

During the latest site inspection in Th.Kinbidhoo dated 25th August 2024, the Council stated that the completed replantation are approximately 120 numbers of trees. The quantity of replanted trees is not sufficient to cover up the 2:1 replantation due to no enough space for replantation in the Island of Kinbidhoo. Council added that they have ongoing reclamation in the Island of Kinbidhoo and those balance of replantation in order to comply this 2:1 replantation will be done it in the reclamation area by the year of 2025.



Figure 2: Location of replantation in the Island of Th. Kinbidhoo



Photo # 1-Replantation



Photo # 2-Replantation



Photo #3-Replantation



Photo # 4-Replantation

Figure 3: Photographs of replantation in the Island of Th. Kinbidhoo. (These photos were shared by Council of Th. Kinbidhoo).

7 Grievances

Grievance Redress Mechanism (GRM) of MCEP was functional at Th. Kinbidhoo. The Council appointed an employee of the Council as a waste management focal point for managing the GRM at Tier 1. Those grievances that cannot be resolved by Island Councils were required to be referred to the PMU (Tier 2). Contact details & QR code for downloading the complaint forms were displayed at project site and the council notice board. Hard copies of the complaint forms were also made available at the council front office.

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



Figure 4. GRM board displayed at project site

8 Ground Water Quality Assessment

The ground water sample were taken from the respective location as specified in the initial ESMP Report. All parameters stated in the Table 4 was in accordance with the initial ESMP Reports. 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. Most of the parameters are within the normal range. 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 4. Results of the groundwater conditions of Kinbidhoo during the construction phase.

Name of Island	Th. Kinbidhoo			REMARKS
Sampling Location	IWRMC Site	IWRMC Site	Control Site	
Sample Type	Ground Water	Ground Water	Ground Water	
Sampling Date & Time	Aug-23	28/08/2024	28/08/2024	
Parameters	Analysis Results			

Temperature (°C)	29.43	29.6	29.1	Tested using Hanna Multiparameter probe
pH	7.46	7.8	7.6	
Electrical Conductivity (µS/cm)	7011	1423	885	
Total Dissolved Solids (ppm)	3506	711	442	
Salinity (PSU)	3.87	-	-	
Physical Appearance	Pale yellow with particles	Clear with particles	Clear with particles	Test done at MWSC Water Quality Assurance Laboratory
Nitrate (mg/L)	3.3	1.9	1.5	

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

9 Plan for operationalizing the IWRMC

An MoU was signed between MCCEE and Kinbidhoo Council and handed over it to the Council dated 7th March 2024 (refer to Appendix 6).

The MoU requires Kinbidhoo Council to complete center registration process at the URA prior to commencing operations. Furthermore, maintaining adequate stock of critical spares, health and safety, and operational phase ESMP monitoring are other conditions reflected in the MoU.

The MoU defines roles and responsibilities of the council to manage the IWRMC in compliance with national environmental laws and regulations. Kinbidhoo has an Island Waste Management Plan (IWMP) which has been approved by EPA and gazetted. Currently there is no waste management service provided in the island and waste is dumped to an open area on the northern side of the island which is not even demarcated.

Prior to starting its operation, Island council is required to get the IWRMC registered at the Utility Regulatory Authority (URA) and get the operating license from URA as well. This process was completed by the council with assistance from MCEP. Registration was issued on July 2024. A fire safety training was delivered to IWRMC staff on 3 September 2024 in collaboration with MNDF. The IWRMC is in operations since 1 September 2024 with 3 staff, where in-vessel composting, baling of plastics, metals and cardboards, and glass crushing are performed.

10 Conclusion

Establishment of an IWRMC with aerobic technology using composting machine at Th. Kinbidhoo was completed on 10th October 2023. The contractor of the project was Lyco Constructions Pvt. Ltd.

The ESMP monitoring carried out for the project confirms that the construction of the IWRMC was completed in conformity to the ESMP and majority of the agreed mitigation measures were implemented to a satisfactory level. However, there were some non-compliance issues noticed during construction phase and these have been highlighted in this report. It should be noted that these were minor issues.

All necessary firefighting equipment were purchased and have been installed at the facility. No grievances were received from the public during the construction phase.

The IWRMC was handed over to Kinbidhoo Council for operations on 7 March 2024, and centre operations commenced on 1 September 2024. Operational phase monitoring responsibility lies with the operator which is the Island Council and shall be performed after 6 months of commencing operations.

Appendices



2. The decision has been made by the Ministry on the following conditions: 2. في حالة اتخاذ القرار من قبل الوزارة على الشروط التالية:

- i. In the event the project activity has not commenced **within one (1) year** from the date of issue, or if the duration of this Environmental Decision Statement has not been extended, this Environmental Decision Statement shall be considered null and void. i. في حالة عدم بدء النشاط المشروع في موعد أقصاه **سنة واحدة (1)** من تاريخ إصداره، أو إذا لم يتم تمديد مدة هذا البيان البيئي، فإن هذا البيان البيئي يعتبر باطلاً وبغير أثر.
- ii. In the event the project activities have been delayed for more than one (1) year due to unforeseen circumstances, the Ministry shall have the discretion to extend the duration of the Environmental Decision Statement, or to terminate it. In such circumstances the proponent shall write to the Minister for an extension clearly stating out the reasons for the delay. ii. في حالة تأخر الأنشطة المشروعة لأكثر من سنة واحدة (1) بسبب ظروف غير متوقعة، فإن الوزارة ستحتفظ بالسلطة لتعديل مدة البيان البيئي، أو لانهائه. في مثل هذه الظروف، يجب على المدعي كتابة رسالة إلى الوزير بطلب تمديد، مع توضيح أسباب التأخر بوضوح.

Appendix 2 Project takeover certificate

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RIYAN PRIVATE LIMITED
REG: C-235/2006

TAKING OVER CERTIFICATE

Project:	Construction of Island Waste and Resource Management Center at Kinbidhoo, Thaa Atoll (AGR)438-WMPC/PRIV/2022/182
Employer:	Ministry of Climate Change, Environment and Energy
Engineer / Consultant:	Riyan Pvt Ltd H.Azum, Ameenee Magu, Male', Republic of Maldives
Contractor:	Lyc0 Construction Company Pvt Ltd
Description of the Permanent Works:	This project consists of a waste management building, a waste storage building, and an office building surrounded by a wire-meshed boundary wall.
Commencement Date of the Works:	February 9, 2023
Original Contract Completion:	August 8, 2023
Contract Date for Completion for the whole of the Works including EOTs:	October 10, 2023
Date of Substantial Completion of the Permanent Works:	December 11, 2023
Submission of Snags Rectification Report (by Contractor):	March 26, 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 10th December 2022 (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 12th December 2023 and end after 06 months (on 9th June 2024) 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.

Mohamed Shahid
Riyan Pvt Ltd




Date: 5th May 2024

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APPENDIX A

Item no	Defects/Issues	Photo
1	Office Room - Windows handles breakage and sliding Issue (The contractor is claiming that the works are completed but no evidence shared. To verify the same a physical inspection will be made during DLP period)	
2	Office, Store and Waste Management Block. (Entire Office Room and Waste management Block Electrical Connections and points to be checked) (The contractor is claiming that the works are completed. To verify the same, a physical inspection will be made during DLP period, any persisting defects should be rectified by that time)	

Note: Updated as per Consultant's final site inspection on 23rd January 2024. All the identified defects shall be rectified during the Defects Liability Period.

Appendix 3 Draft Contractor's declaration, staff list and HS items

Supplementary EMSP for Establishment of IWRMC in Th. Kibidhoo

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 implementing its 'Contractors Environmental and Social Management Plan' (C-ESMP) as approved by the client.
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:

- i. prohibit the use of alcohol during work activities.
 - ii. prohibit the use of narcotics or other substances which can impair faculties at all times.
11. The company will ensure that adequate sanitation facilities are available on site and at any worker accommodations provided to those working on the project.
 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.

Gender Based Violence

13. 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.
14. 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.
15. 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.
16. 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.
17. The use of prostitution in any form at any time is strictly prohibited.
18. 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.
19. 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.
20. In addition to company sanctions, legal prosecution of those who commit acts of GBV will be pursued if appropriate.
21. 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.
22. 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

¹ **Consent:** refers to when an adult makes an informed choice to agree freely and voluntarily to do something. There is **no** consent when agreement is obtained through the use of threats, force or other forms of coercion, abduction, fraud, manipulation, deception, or misrepresentation; the use of a threat to withhold a benefit to which the person is already entitled, or; a promise made to the person to provide a benefit. In accordance with the United Nations Convention on the Rights of the Child, the World Bank considers that consent cannot be given by children under the age of 18, even if national legislation of the country into which the Code of Conduct is introduced has a lower age. Mistaken belief regarding the age of the child and consent from the child is not a defense.

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

23. 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'.
24. 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.
25. 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.
26. 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.
27. Ensuring that an appropriate person is nominated as the company's 'Focal Point' for addressing GBV issues, including representing the company on the GBV Complaints Team (GCT) which is comprised of representatives from the client, contractor(s), the supervision consultant, and local GBV Service Provider.
28. Ensuring that an effective GBV Action Plan is developed in consultation with the GCT which includes as a minimum:
 - i. **GBV Allegation Procedure** to report GBV issues through the project Grievance Redress Mechanism (Section 4.3 Action Plan);
 - ii. **Accountability Measures** to protect confidentiality of all involved (Section 4.4 Action Plan); and,
 - iii. **Response Protocol** applicable to GBV survivors and perpetrators (Section 4.7 Action Plan).
29. Ensuring that the company effectively implements the agreed final GBV Action Plan, providing feedback to the GCT for improvements and updates as appropriate.
30. Ensuring that all employees attend an induction training course prior to commencing work on site to ensure they are familiar with the company's commitments to ESHS and OHS standards, and the project's GBV Codes of Conduct.
31. Ensuring that all employees attend a mandatory training course once a month for the duration of the contract starting from the first induction training prior to commencement of work to reinforce the understanding of the project's ESHS and OHS standards and the GBV Code of Conduct.

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: _____

Supplementary EMSP for Establishment of IWRMC in Th. Kibidhoo

Signature: _____

Printed Name: _____

Title: _____

Date: _____

FORM 1: PROJECT TEAM INFORMATION

Project Title: Construction of New WRMCTh. Kinbidhoo

Date: 21/12/2022

Contractor: Lyco Construction Company Pvt Ltd


#	Staff Name	Role	Nationality	ID Card / Work Permit No	Age	COVID19 Vaccination (Specify details of dosage completed)
✓1	Ayoub Ahmed	Work Supervisor	Maldivian	A122025	56	
✓2	Ayoub Ahmed	Health and Safety Supervisor	Maldivian	A122025	56	
✓3	Ahmed Ivan	Civil Engineer	Maldivian	A038193	52	
✓4	Hassan Rasheed	Mason Stucco	Maldivian	A287852	37	
✓5	Hassan Mohamed	Mason Stucco	Maldivian	A126558	51	
✓6	Mohamed Shareef	Labour	Maldivian	A053083	53	
✓7	Adam Naseem	Mason	Maldivian	A107053	46	
✓8	Hassan Zareer	Mason	Maldivian	A012126	59	
9						
10						

Note: This form shall be completed and submitted along with copies of National Identification Cards / Passports and Work Permits of the project team prior to mobilization to the site. The contractor should only proceed with mobilization after attaining approval in writing from the Ministry/PMU for the project team.

Details of the Respondent

Name: Ibrahim Layan Riyaz

Designation: Director

Signature: 

Company Seal:



Appendix 4 EMP Monitoring Reports

Submission Record (18 of 112)



Language: English (en) ▾

Validation status: Select... ▾

[< PREVIOUS](#)

Display XML names

EDIT

VIEW

[NEXT >](#)

DUPLICATE



Type	Question	Response
------	----------	----------

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	Thaa
abc	Island Name	Th.Kinbidhoo

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	Construction of a new 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	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?	<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?

No



Type of vehicle used?



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 and regulation?

Yes










Provide photographic evidence



Actions Taken

Section 7: Waste Management

<input checked="" 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 checked="" 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 checked="" type="radio"/>	Is there evidence of littering in and around the site?	No
	Attach photographic evidence	
<input checked="" type="radio"/>	A bin is present for disposing general waste generated by workers?	Yes



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



Is the site demarcated as a Construction Site?

Yes



Which method is used to demarcate the site?

Fencing



Attach a photograph of site demarcation



Is no entry sign board present?

No



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?	<i>Satisfactory (All workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site.)</i>
☰	What are the types of PPEs observed being used by the site workers?	
📷	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?	<i>No</i>
<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?	<i>Contractor</i>
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?	Yes

Section 13: Fire Safety

<input type="radio"/>	Is a portable extinguisher present at the site?	No
	Attach photographic of extinguisher	
	Other fire safety precautions taken	<ul style="list-style-type: none"> • 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?	0
<input type="radio"/>	Are any female workers recruited for the project?	
123	Specify the number of female workers	
123	Specify the number of local workers	
123	Specify the number of expatriate workers	
<input type="radio"/>	Does all the expatriate workers have valid work permits and work visas?	

abc	Specify names of the staffs who do not have valid work permits and work visas
○	Are all workers above the age of 18?

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?

Feb 20, 2024

Section 17: Informants

abc

Contractor's Informant Name and Designation

Aadhil, Fenaka

abc

Council's Informant Name and Designation

Ahmed, Council member

abc

Name and Designation of the person who filled the form

Sridhar Rajendran, Project Engineer



I certify that all the data captures is accurate to the best of my knowledge

OK



Signature



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end 2024-01-23T18:18:07.996+05:00

today

username

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Submitted by



ESMP Monitoring Constru...

112 submissions



Submission Record (10 of 93)



Language: English (en) ▼

Validation status: Select... ▼

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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	Thaa
abc	Island Name	Kinbidhoo

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	Construction of a new center
<input checked="" type="radio"/>	Sub Project Location?	latitude (x.y °): 2.164692 longitude (x.y °): 73.067041 altitude (m): 7.321983366273344 accuracy (m): 4.755182187742335
abc	Physical Progress	95% finished, temp electricity from FENAKA

Section 3: Storage of Hazardous Chemicals during Construction



	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	
	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?	Not Applicable / Observed
	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?	No
	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"> • Other measured used by contractor
--	---	---

abc	Specify Other Measures used?	Construction almost completed, no physical work on going
	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?	Low levels of noise (can hear speech over sound, low levels of noise at site)

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?	Hired from the island
	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?	Not Observed
<input checked="" type="radio"/>	Are machineries used well tuned / serviced?	Not Applicable / Not used
<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	
<input checked="" type="radio"/>	Are stockpiled construction materials covered?	Yes
	Attach photo of how materials are stockpiled	
<input checked="" type="radio"/>	Is the contractor open burning any waste on the site or near the site?	No
	If Yes, include photograph of observer burning.	
<input checked="" type="radio"/>	Did you notice any fumes or bad smells from the site being generated via the use of chemicals?	No
<input checked="" type="radio"/>	Were these bearable?	

Section 6: Source of Sand

<input checked="" type="radio"/>	Is sand sourced for construction in compliance with national laws and regulation?	Yes
	Provide photographic evidence	
	Actions Taken	









Section 7: Waste Management

<input checked="" 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
<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
-----------------------	---

	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?	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?

No



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?

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-









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





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



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



How is accommodation being
arranged? Rented house



Was staff accommodation
checked during monitoring? No

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?

Section 13: Fire Safety



Is a portable extinguisher present at the site?

No



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?

8



Are any female workers recruited for the project?

No

123

Specify the number of female workers

123

Specify the number of local workers

1








123

Specify the number of expatriate workers

7





<input type="radio"/>	Does all the expatriate workers have valid work permits and work visas?	
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
	Attach photograph of the GRM board	
	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?	
	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?	
<input type="radio"/>	Has the concerned authorities	

been notified?

Section 16: Status of Stakeholder Consultations

	Have further Stakeholder Consultations been carried out?
	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	Ayyoob Ahmed, supervisor
abc	Council's Informant Name and Designation	Ahmed Mohamed , senior council officer
abc	Name and Designation of the person who filled the form	Hussein Zahir, EO
<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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end

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Submitted by	



ESMP Monitoring Construct...

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L

Consultants Declaration

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

Name: Mariyam Shujaa-ath

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

A handwritten signature in black ink, appearing to be 'MS' with a large flourish, located below the registration number.

Signature:

Company Name: Land and Marine Environmental Resource Group Pvt Ltd

Date: 18th January 2024

Submission Record (24 of 89)



Language: English (en) ▾

Validation status: Select... ▾

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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	Thaa
abc	Island Name	Kinbidhoo.th

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	Construction of a new 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	Yes
----------------------------------	---	-----

containers?



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?

Yes



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?

No





Include photographic evidence

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)
abc	Specify Other Measures used?	
	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?	Low levels of noise (can hear speech over sound, low levels of noise at site)


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?	Contractor's vehicle
	Attach photo of the vehicle	
<input checked="" type="radio"/>	Does the vehicle have an up to date road worthiness certificate	Yes
	If yes, attach a copy of the certificate	
<input checked="" type="radio"/>	How was materials transferred to the site?	Covered
<input checked="" type="radio"/>	Are machineries used well tuned / serviced?	Yes
<input checked="" type="radio"/>	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?


No

 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?

Yes



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?

No


	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 data-bbox="186 814 224 846" type="radio"/>	Is there evidence of littering in and around the site?	No
	Attach photographic evidence	
<input data-bbox="186 1056 224 1087" type="radio"/>	A bin is present for disposing general waste generated by workers?	Yes
	Attach photographic evidence	




Section 8: Impacts on Natural Environment

<input data-bbox="186 1409 224 1440" type="radio"/>	Does the site contain any significant vegetation?	No
<input data-bbox="186 1560 224 1591" 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	
	Was any vegetation removed /	










<input type="radio"/>	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	
<input type="radio"/>	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?	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-
	What are the types of PPEs observed being used by the site workers?	<ul style="list-style-type: none"> • Boots/Covered Shoes • Hard hats • Gloves- Thick latex • 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

<input checked="" type="radio"/>	How is food arrangements being made for the contractor's workers?	Monthly allowance
123	Specify amount in MVR	
123	How many meals / breaks are provided per day	
123	What are the standard per day working hours?	
<input type="clock"/>	Specify work start time	
<input type="clock"/>	Specify work end time	
<input checked="" type="radio"/>	How is accommodation being arranged?	Rented house
<input checked="" type="radio"/>	Was staff accommodation checked during monitoring?	No
123	How many toilets / bathrooms are present?	
<input type="image"/>	Attach a photograph of accommodation facility	
<input type="list"/>	Facilities present at the accommodation	
abc	Specify	
<input checked="" type="radio"/>	Is the site of labor accommodation clean and sanitary and kept neatly?	
<input checked="" type="radio"/>	At the work site do the labor have a resting area with adequate drinking water supplies?	Yes








Section 13: Fire Safety

<input checked="" type="radio"/>	Is a portable extinguisher present at the site?	Yes
	Attach photographic of extinguisher	
	Other fire safety precautions taken	<ul style="list-style-type: none"> • 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?
<input checked="" type="radio"/>	Are any female workers recruited for the project?
123	Specify the number of female workers
123	Specify the number of local workers
123	Specify the number of expatriate workers
<input checked="" type="radio"/>	Does all the expatriate workers have valid work permits and work visas?
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?

Section 15: Grievance Redress Mechanism (GRM)


<input type="radio"/>	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?	
<input type="radio"/>	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?	
<input type="radio"/>	Has the concerned authorities been notified?	

Section 16: Status of Stakeholder Consultations

<input type="radio"/>	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	Lyco construction _Lyoo
abc	Council's Informant Name and Designation	Ahmed
abc	Name and Designation of the person who filled the form	Sridhar Rajendran, Civil engineer
<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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end	2024-01-18T11:27:07.566+05:00
today	
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_id	289266911
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Submitted by	



ESMP Monitoring Construct...

89 submissions

L

Consultants Declaration

I certify that to best of my knowledge the statements made in this ESMP monitoring for construction phase of IWRMC at Kinbidhoo, Thaa 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: 30th November 2023

Submission Record (23 of 78)



Language: English (en)

Validation status: Select...

[< PREVIOUS](#) Display XML names

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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	Thaa
abc	Island Name	Kibindhoo

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	Construction of a new center
	Sub Project Location?	latitude (x.y °): 2.164579 longitude (x.y °): 73.06706 altitude (m): -107.48442025292275 accuracy (m): 37.909000396728516
abc	Physical Progress	64.5

Section 3: Storage of Hazardous Chemicals during Construction



containers ?



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?

Yes



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?

No



Include photographic evidence




include photographic evidence

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)
abc	Specify Other Measures used?	
	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?	Low levels of noise (can hear speech over sound, low levels of noise at site)

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?	Contractor's vehicle
	Attach photo of the vehicle	
<input checked="" type="radio"/>	Does the vehicle have an up to date road worthiness certificate	Yes
	If yes, attach a copy of the certificate	

Certificate



How was materials transferred to the site?

Covered



Are machineries used well tuned / serviced?

Not Applicable / Not used



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 and regulation?

Yes







Provide photographic evidence



Actions Taken

Section 7: Waste Management

<input checked="" type="radio"/>	Is Construction and Demolition waste (C&D) and/or green waste generated from the project?	Yes
☰	Type of Construction and Demolition waste (C&D) and/or green waste generated	<ul style="list-style-type: none"> Leave and trunks of removed vegetation
abc	Provide details	
<input checked="" 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	<ul style="list-style-type: none"> Leaves sun dried and left at forest area for natural degradation Trunks chopped into smaller pieces and left at the forest area for natural degradation Waste is disposed at the periphery of the site
	Attach photographic evidence	
	Attach photographic evidence	
	Attach photographic evidence	
<input checked="" type="radio"/>	Is there evidence of littering in and around the site?	No
	Attach photographic evidence	
	Δ bin is present for disposing	



Are bins 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 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

<input type="radio"/>	Is the site demarcated as a Construction Site?	Yes
<input type="radio"/>	Which method is used to demarcate the site?	Fencing
<input type="image"/>	Attach a photograph of site demarcation	
<input type="radio"/>	Is no entry sign board present?	Yes
<input type="image"/>	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



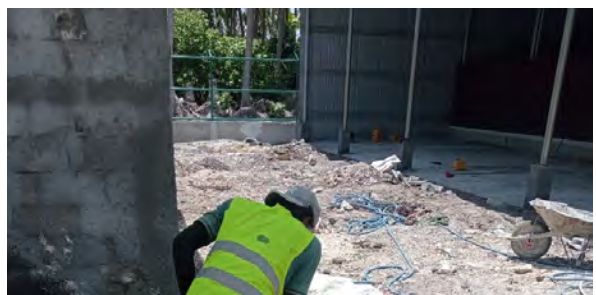
To what level are safety gears / Personal Protective Equipment (PPEs) being used?

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





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
campAttach supporting photograph
of social distancingAttach supporting photograph
of hand hygiene facilities /
arrangements



Attach supporting photograph
of awareness materials

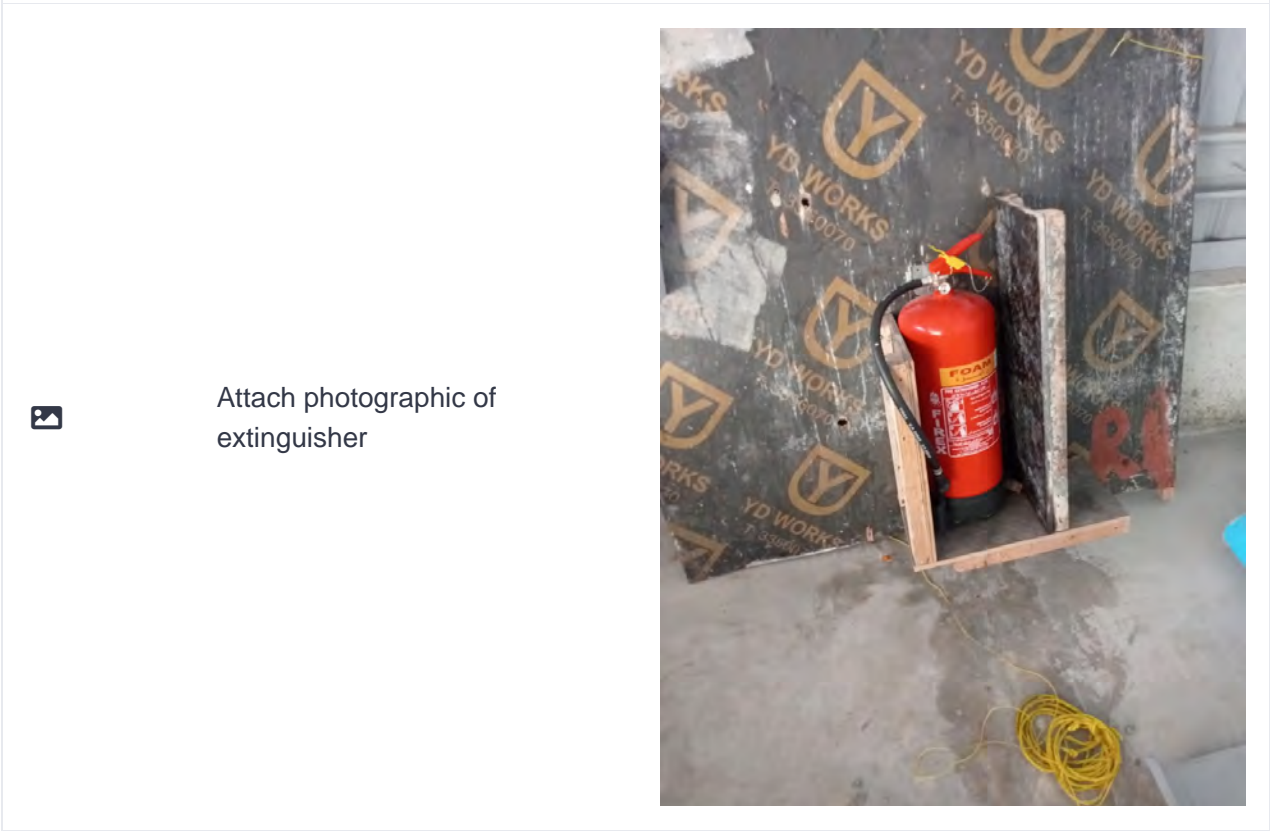
Section 12: Working Conditions and Labor

<input checked="" type="radio"/>	How is food arrangements being made for the contractor's workers?	Monthly allowance
123	Specify amount in MVR	8500
123	How many meals / breaks are provided per day	
123	What are the standard per day working hours?	9
<input checked="" type="radio"/>	Specify work start time	08:00:00.000+05:00
<input checked="" type="radio"/>	Specify work end time	18:00:00.000+05:00
<input checked="" type="radio"/>	How is accommodation being arranged?	Rented house
<input checked="" type="radio"/>	Was staff accommodation checked during monitoring?	No
123	How many toilets / bathrooms are present?	
	Attach a photograph of accommodation facility	
	Facilities present at the accommodation	
abc	Specify	
<input checked="" type="radio"/>	Is the site of labor accommodation clean and sanitary and kept neatly?	
<input checked="" type="radio"/>	At the work site do the labor have a resting area with	No

adequate drinking water supplies?

Section 13: Fire Safety

Is a portable extinguisher present at the site? Yes



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? 6





Are any female workers recruited for the project? No






123 Specify the number of female workers

123 Specify the number of local workers 1





	workers	
123	Specify the number of expatriate workers	5
<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)

<input checked="" type="radio"/>	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?	
<input checked="" type="radio"/>	ARE GRM POSTERS PRESENT IN THE ISLAND COUNCILS NOTICE BOARD AND IN PUBLIC PLACES?	No
	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?	Yes
	If Yes, provide Date and Time of Consultation?	July 13, 2023 12:00 PM
123	If Yes, Number of stakeholders consulted?	8
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	Ayoob Ahmed / site supervisor
abc	Council's Informant Name and Designation	Ahmed Mohamed / senior council officer

abc	Name and Designation of the person who filled the form	Ahmed Emaan / Project coordinator
<input checked="" type="checkbox"/>	I certify that all the data captures is accurate to the best of my knowledge	OK
	Signature	
<hr/>		
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	today	
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	audit	
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	instanceID	uuid:7f82258e-2cb1-404c-bec1-c164eac090f4
	Submitted by	

Consultants Declaration

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

Name: Azim Musthag

Consultant Registration Number: EIA-T(A) 10/2022



Signature:

Company Name: Land and Marine Environmental Resource Group Pvt Ltd

Date: 30th August 2023



Language: English (en)

Validation status: Select...

NEXT

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DUPLICATE



Type

Question

Response

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	Thaa
abc	Island Name	Kinbidhoo

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	Construction of a new center
	Sub Project Location?	latitude (x.y °): 2.164654 longitude (x.y °): 73.066946 altitude (m): -82.51615009422056 accuracy (m): 10.59000015258789
abc	Physical Progress	

Section 3: Storage of Hazardous Chemicals during Construction



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



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?

Not Applicable / Observed



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?

No



Include photographic evidence

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)

abc

Specify Other Measures used?

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

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?	Hired from the island
	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?	Not Observed
<input checked="" type="radio"/>	Are machineries used well tuned / serviced?	Not Applicable / Not used
<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?

Yes




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

- Leave and trunks of removed vegetation

abc

Provide details

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

<input type="radio"/>	being reused or considered to be reused for construction activities of the project?	No
☰	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	<ul style="list-style-type: none"> Leaves sun dried and left at forest area for natural degradation Trunks chopped into smaller pieces and left at the forest area for natural degradation
	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
-----------------------	---	----



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?

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 (PPEs) being used?

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

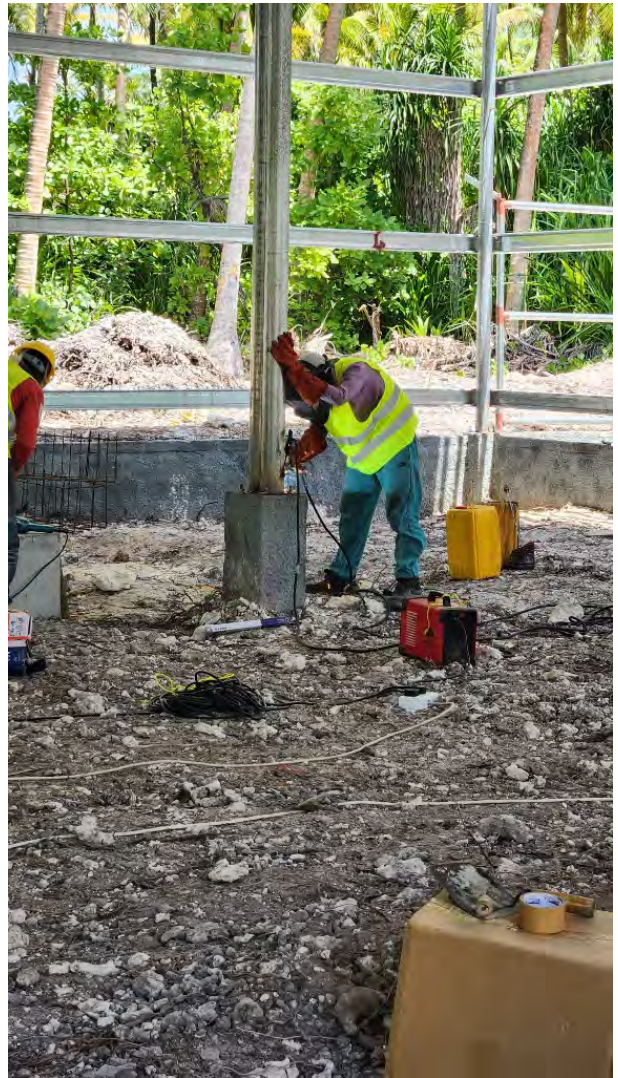


What are the types of PPEs observed being used by the site workers?

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

<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?	
<input type="radio"/>	Specify work start time	
<input type="radio"/>	Specify work end time	
<input type="radio"/>	How is accommodation being arranged?	Rented house
<input type="radio"/>	Was staff accommodation checked during monitoring?	No
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?	Yes

Section 13: Fire Safety



Is a portable extinguisher present at the site?

Yes



Attach photographic of extinguisher



Other fire safety precautions taken

Electrical wires installed by
• certified person

Section 14: Sociocultural Issues

123

What is the total number of workers recruited for the project?

6



Are any female workers recruited for the project?

No

123	Specify the number of female workers	
123	Specify the number of local workers	1
123	Specify the number of expatriate workers	5
<input checked="" type="radio"/>	Does all the expatriate workers have valid work permits and work visas?	
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?	

Section 15: Grievance Redress Mechanism (GRM)

<input checked="" type="radio"/>	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?

No



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 Ayyoob Ahmed - Supervisor

abc

Council's Informant Name and
Designation Ahmed Mohamed - Project Officer

abc

Name and Designation of the
person who filled the form Ibrahim Azhan Mohamed - Environmental
Officer



I certify that all the data captures
is accurate to the best of my
knowledge OK



Signature

start	2023-08-29T09:02:10.692+05:00
end	2023-09-05T16:25:22.275+05:00
today	
username	
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phone number	phonenumber not found
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instanceID	uuid:1d261913-4b8f-49d5-90e6-4197c9a2e9ce
Submitted by	



ESMP Monitoring Construct...

43 submissions

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Consultants Declaration

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

Name: Mariyam Shujaa-ath

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

A handwritten signature in black ink, appearing to be 'MS' with a large loop and a checkmark-like flourish.

Signature:

Company Name: Land and Marine Environmental Resource Group Pvt Ltd

Date: 30th September 2023



Language: English (en)

Validation status: Select...

[NEXT >](#) Display XML names

EDIT

VIEW

DUPLICATE



Type

Question

Response

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	Thaa
abc	Island Name	Kinbidhoo

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	Construction of a new center
	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



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?

Not Applicable / Observed



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?

No



Include photographic evidence

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)

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?

No



Type of vehicle used?



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?

Not Observed



Are machineries used well tuned / serviced?

Not Applicable / Not used



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?

No



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

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



Attach photographic evidence



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



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?

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?



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?



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



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?	9
	Specify work start time	
	Specify work end time	
<input type="radio"/>	How is accommodation being arranged?	
<input type="radio"/>	Was staff accommodation checked during monitoring?	No
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?	

Section 13: Fire Safety

<input type="radio"/>	Is a portable extinguisher present at the site?	No
	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?



Are any female workers recruited for the project?

123

Specify the number of female workers

123

Specify the number of local workers

123

Specify the number of expatriate workers



Does all the expatriate workers have valid work permits and work visas?

abc

Specify names of the staffs who do not have valid work permits and work visas



Are all workers above the age of 18?

Section 15: Grievance Redress Mechanism (GRM)



Is project board with GRM information present at the site?



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?



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?



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	Ayyob
abc	Council's Informant Name and Designation	Ahmed
abc	Name and Designation of the person who filled the form	Azhaan Mohamed - Project Coordinator (Riyan)
<input checked="" type="checkbox"/>	I certify that all the data captures is accurate to the best of my knowledge	OK
	Signature	

start	2023-09-25T11:21:52.451+05:00
end	2023-10-12T12:20:17.927+05:00
today	
username	
device ID	ee.kobotoolbox.org:G39GEMQC00HFJsws
phone number	phonenumber not found
audit	
__version__	vHgrde83WKAA7taMARsXxw
_id	272816634
instanceID	uuid:667e1657-0b40-4b1a-a8d6-04c6b58f4dff
Submitted by	



Appendix 5 Groundwater Quality Analysis Reports



LB-TEST-090

WATER QUALITY TEST REPORT
 Report No: 500198002

Customer Information:
 Land & Marine Environment Resources
 H.Azum
 Ameeneemagu
 Male' MALE

Report date: **09/10/2023**
 Test Requisition Form No: **900198797**
 Sample(s) Recieved Date: **03/10/2023**
 Date of Analysis: **04/10/2023 - 04/10/2023**

Sample Description ~	Th. Kinbidhoo	L. Dhanbidhoo	Th. Madifushi	TEST METHOD	UNIT
Sample Type ~	Ground Water	Ground Water	Ground Water		
Sample No	83243046	83243047	83243048		
Sampled Date ~	29/08/2023 01:30 PM	27/08/2023 03:45 PM	28/08/2023 10:15 AM		
PARAMETER	ANALYSIS RESULT				
Physical Appearance	Pale yellow with particles	Pale yellow with particles	Pale yellow with particles		
Nitrate *	3.3	2.5	2.7	HACH Method 8039	mg/L

Keys: mg/L : Milligram Per Liter

Checked by

Aminath Sofa
 Senior Laboratory Executive

Approved by

Nihaz A. Zahir
 Assistant Quality Manager

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

WATER QUALITY TEST REPORT
 Report No: 500201970

Customer Information:

Riyan PVT Ptd
 H.Azum
 Ameeneemagu
 Male' MALE'

Report date: **08/09/2024**
 Test Requisition Form No: **900201357**
 Sample(s) Recieved Date: **29/08/2024**
 Date of Analysis: **29/08/2024 - 29/08/2024**

Sample Description ~	IWRMC Project/Th. Madifushi; Control Site	IWRMC Project/Th. Kinbidhoo; IWRMC Site	IWRMC Project/Th. Kinbidhoo; Control Site	TEST METHOD	UNIT		
Sample Type ~	Ground Water	Ground Water	Ground Water				
Sample No	83252068	83252069	83252070				
Sampled Date ~	27/08/2024 06:02 PM	28/08/2024 04:30 PM	28/08/2024 04:40 PM				
Physical Appearance	Clear with particles	Clear with particles	Clear with particles				
PARAMETER	ANALYSIS RESULT						
Nitrate *	2.0	1.9	1.5	HACH Method 8171	mg/L		

Keys: mg/L : Milligram Per Liter

Checked by



Nashath Ali
 Laboratory Executive

Approved by



Nihaz A. Zahir
 Assistant Quality Manager

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 IWRMC handover Letter

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



دیسویچہ پیر ایتھو لوجی ڈیپارٹمنٹ، سائنس و ٹیکنالوجی ڈیویژن
ڈیو
میرٹھرا، سندھ

سندھ نمبر: 438-WMPC/393/2024/7

تاریخ: 07 مارچ 2024ء
موضوع: سندھ ماحولیات و آب و ہوا کمیٹی کے اجلاس کی تقریر

محترم ممبرانہ، سندھ ماحولیات و آب و ہوا کمیٹی کے اجلاس کی تقریر

میں نے اس اجلاس میں شرکت کرنے کا اعزاز حاصل کیا ہے اور اس موقع پر آپ سب سے گزارش ہے کہ ہمیں مل جل کر کام کرنا چاہیے تاکہ سندھ کی ماحولیات کو محفوظ رکھا جاسکے اور اس کے ساتھ ساتھ آب و ہوا کی تبدیلی کے اثرات کو بھی مدد سے سنبھالا جاسکے۔ سندھ کی ماحولیات کی بحالی کے لیے ہمیں اپنی اپنی ذمہ داریاں سمجھنی چاہئیں اور ان کو سر وقت سر انجام دینا چاہیے۔ سندھ کی ماحولیات کی بحالی کے لیے ہمیں اپنی اپنی ذمہ داریاں سمجھنی چاہئیں اور ان کو سر وقت سر انجام دینا چاہیے۔

میں نے اس اجلاس میں شرکت کرنے کا اعزاز حاصل کیا ہے اور اس موقع پر آپ سب سے گزارش ہے کہ ہمیں مل جل کر کام کرنا چاہیے تاکہ سندھ کی ماحولیات کو محفوظ رکھا جاسکے اور اس کے ساتھ ساتھ آب و ہوا کی تبدیلی کے اثرات کو بھی مدد سے سنبھالا جاسکے۔

28 مارچ 2024ء

07 مارچ 2024ء

دستخط
[Signature]
دیسویچہ پیر ایتھو لوجی ڈیپارٹمنٹ
سائنس و ٹیکنالوجی ڈیویژن

تاریخ: 07 مارچ 2024ء
موضوع: سندھ ماحولیات و آب و ہوا کمیٹی کے اجلاس کی تقریر