

Environmental Monitoring Report for Construction Phase

Environmental and Social Management Plan for the upgrading of Island Waste Resource Management Centre with Anaerobic Digestion Technology at Nilandhoo, Faafu Atoll

Location: Faafu Atoll

LaMer Pvt. Ltd.

**Ibrahim Azhan Mohamed
Mariyam Shujaa-ath**

Proponent: Ministry of Climate Change, Environment & Energy

Augusts 2024

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Consultant's Declaration

I certify that to best of my knowledge the statements made in this E Environmental and Social Management Plan for the upgrading of Island Waste Resource Management Centre with Anaerobic Digestion Technology at Nilandhoo, Faafu 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: 21st August 2024

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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 Resource Management Centre with Anaerobic Digestion Technology at Nilandhoo, Faafu Atoll. Therefore, we hereby approve this report.

Name: Ahmed Hassaan Zuhair

Designation: Environmental and Social Safeguards Specialist

Institution: Maldives Clean Environment Project.

Signature:

Date: 22 August 2024

1 Introduction

The proposed project involves upgradation of existing Island Waste Management Facility of F. Nilandhoo 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 Vehi-Con Builders Pvt Ltd. after a competitive bidding process and agreement signed on 13th April 2023. The project was completed on 19th January 2024. The project completion certificate is provided in Appendix 2.

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

1.1 Project details

The existing IWRMC of Nilandhoo, on the SE end of the island was developed by the Island Council. The council has built a good waste management system, whereby waste segregated at household level is collected by the council employed waste management staff. The organic waste is managed through open burning whereas the inorganic waste is transferred out of the island.

The MCCEE planned to incorporate a pilot 1.5 Tonne Anaerobic Digestion (AD) plant to manage the organic waste in the island initially. However, due to financial constraints the component has been removed from the MCEP project, with the aim of providing an organic waste treatment technology in the future. This provision will be executed as soon as an organic waste treatment technology and required funding is finalized. Although, technologies like in-

vessel composting and traditional windrow composting is proposed in the alternative section of the ESMP report, if the decision involves application of a different technology other than the alternatives, necessary permits will be obtained from EPA.

The existing infrastructure and corresponding facilities of the IWRMC will be retained, and the size of the IWRMC will also remain the same (950m²). New infrastructure to be constructed as part of the project will be constructed inside the area allocated for the IWRMC.

2 Monitoring schedule and compliance

Riyan Pvt Ltd is was contracted to supervise the construction works of the IWRMC as well as supervision environmental safeguards during construction phase of the project. Reporting template for the environmental safe guards was provided by PMU which was done by a tool developed by KoBo Toolbox. The safe guards 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 mobilization of the contractor, which are provided in Appendix 3.

2.1 Site visits

Monthly site field visits were made by the supervision team of Riyan to the site during which environmental safe guards were also monitored. As such, during the whole project period, a total of 5 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

Some level of vegetation removal and clearance is required for the few infrastructures proposed at the waste management facility. It is estimated that around 21 mature to medium sized coconut palms exists within the boundary of the existing IWRMC, of which a total of 10 palms will have to be removed to accommodate construction of the proposed new infrastructure (details of vegetation to be removed, retained and fate of vegetation removed are given in Lamer Group, 2021).

2. Clean-up of existing waste

Majority of the existing waste at the centre was cleaned up and transferred to Thilafushi, while other wastes were kept at the existing cells of the IWRMC. This was done by the island council in collaboration with WDC and island community.



Source: Google Earth, 2023

3. Construction of IWRMC

The proposed infrastructure and infrastructure to be retained are given on Table 1. The site layout is shown on Figure 1.

Table 1. Existing and new infrastructure to be developed under the project

Existing infrastructure	New infrastructure
<ul style="list-style-type: none"> • Boundary Wall of approximately 3ft height exists around the IWRMC, which has been constructed so as to erect a fence on top of the wall • Collection Bay: Roofed compartments with concrete slab at the north eastern side of the IWRMC, where inorganic waste is presently being sorted and stored • Electricity: 3-phase electricity provided by Island Powerhouse is available at the IWRMC. • Groundwater well provides non potable water on site 	<ul style="list-style-type: none"> • Organic waste processing area (14 x 8m) • Waste unloading, loading and weighing area (10m x 3m) • Inorganic waste processing area (10 x 6m) • Processed inorganic waste storage area(15 x 10m) • Bulk waste storage area (10 x 8m) • Hazardous waste storage area (5.7 x 14.3m) • Administrative building • Sewage disposal • Boundary Wall / Fence • Water supply • Drainage • Electricity connections • Fire safety equipment • Green Area

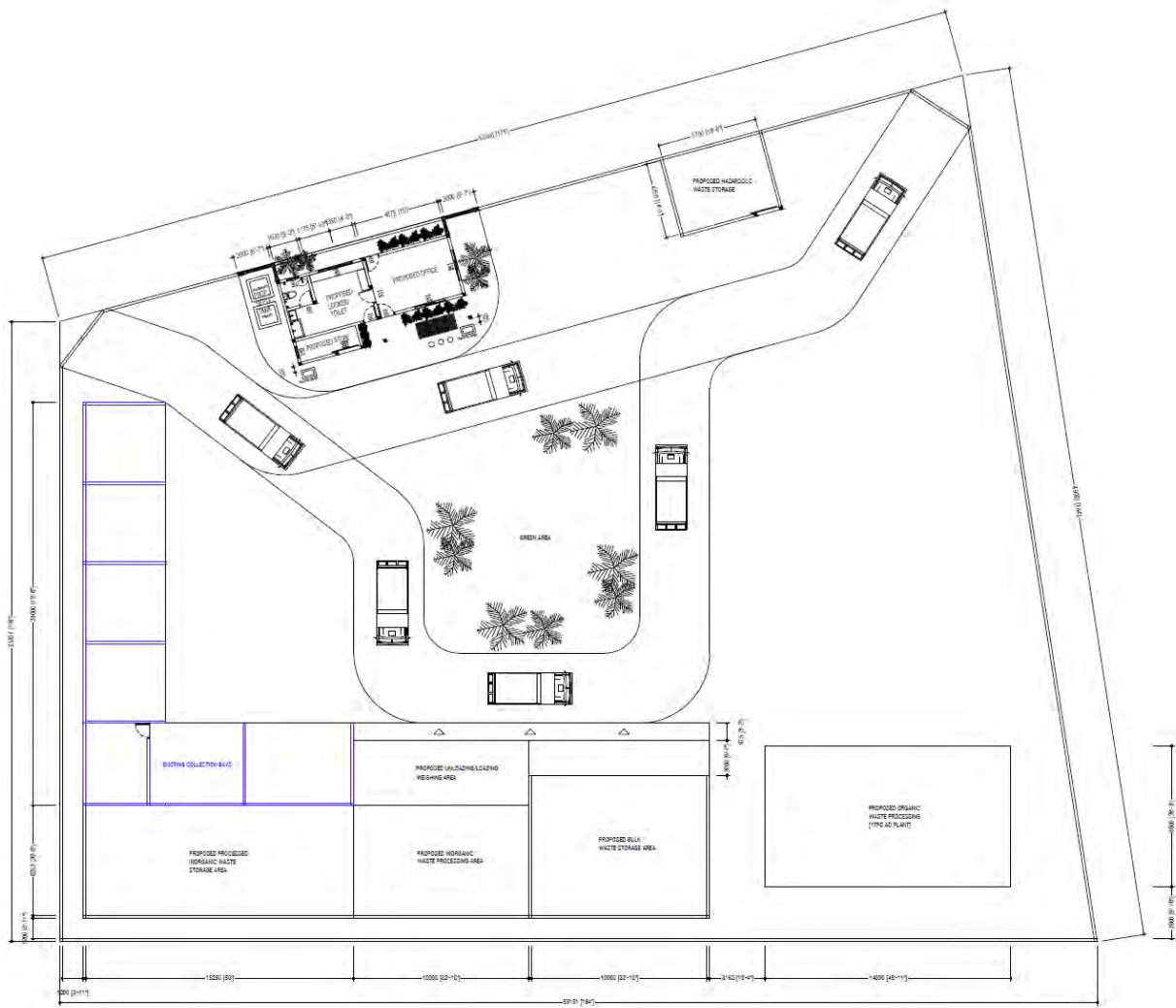


Figure 1. Proposed Schematic layout of IWRMC

4 Project progress

All civil works of the project were completed on 15th January 2024, including plumbing, electrical works and fixing of the firefighting equipment.

Table 2. Type of firefighting equipment and location

Equipment	Quantity	Location
50KG DCP Trolley	2	Collection bay
50LTR 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

The portable firefighting equipment's were not placed in the designated boxes. However, it is to be noted that it was kept inside the office building till the officiating of the IWRMC.

5 Implementation of mitigation measures

There were some issues with management of the site condition throughout the construction phase of the project with some non-compliance issues being noticed during monitoring. The Table 3 below shows the non-compliance issues noticed during the site visits:

Table 3. Details of the non-compliance issues identified (2023)

Issue	Month ¹	Remediation Action	Status ²	Date ³
Absence of a portable fire extinguisher (on-site).	August 2023	Informed the contractor	Resolved	November 2023
Absence of a general waste bin (on-site).	October 2023	Informed the contractor	Resolved	December 2023
Evidence of littering in and around the site. (on-site)		Informed the contractor	Resolved	December 2023
Unsatisfactory level of PPE used by workforce (on-site).		Informed the contractor	Resolved	Project completion (19 th March 2024 inspection)
Satisfactory level of PPE used by workforce is marginal (on-site).	November 2023	Informed the contractor		Project completion (19 th March 2024 inspection)
Lack of project information board to depict Grievance Redress Mechanism (GRM) (on-site)		Informed the contractor		Project completion (19 th March 2024 inspection)
Lack of GRM posters on the island council board and public places.		Informed the contractor		Project completion (19 th March 2024 inspection)
Open burning of waste (on-site).	December 2023	Informed the contractor		Project completion (19 th March 2024 inspection)
Fumes from the chemicals (on-site).		Informed the contractor		Project completion (19 th March 2024 inspection)

¹ Month indicating when the issue was reported.

² Status of the issue [In progress, Resolved, Unresolved].

³ The month and year when the issue was resolved.

6 Vegetation replantation details

All the vegetation present in the site are publicly owned, therefore, compensation was not required.

As per information provided by the Island Council of F. Nilandhoo, 10 plants were removed and 38 plants have been replanted.

Figure 2. Location of replantation in the Island of F. Nilandhoo as highlighted in yellow color.

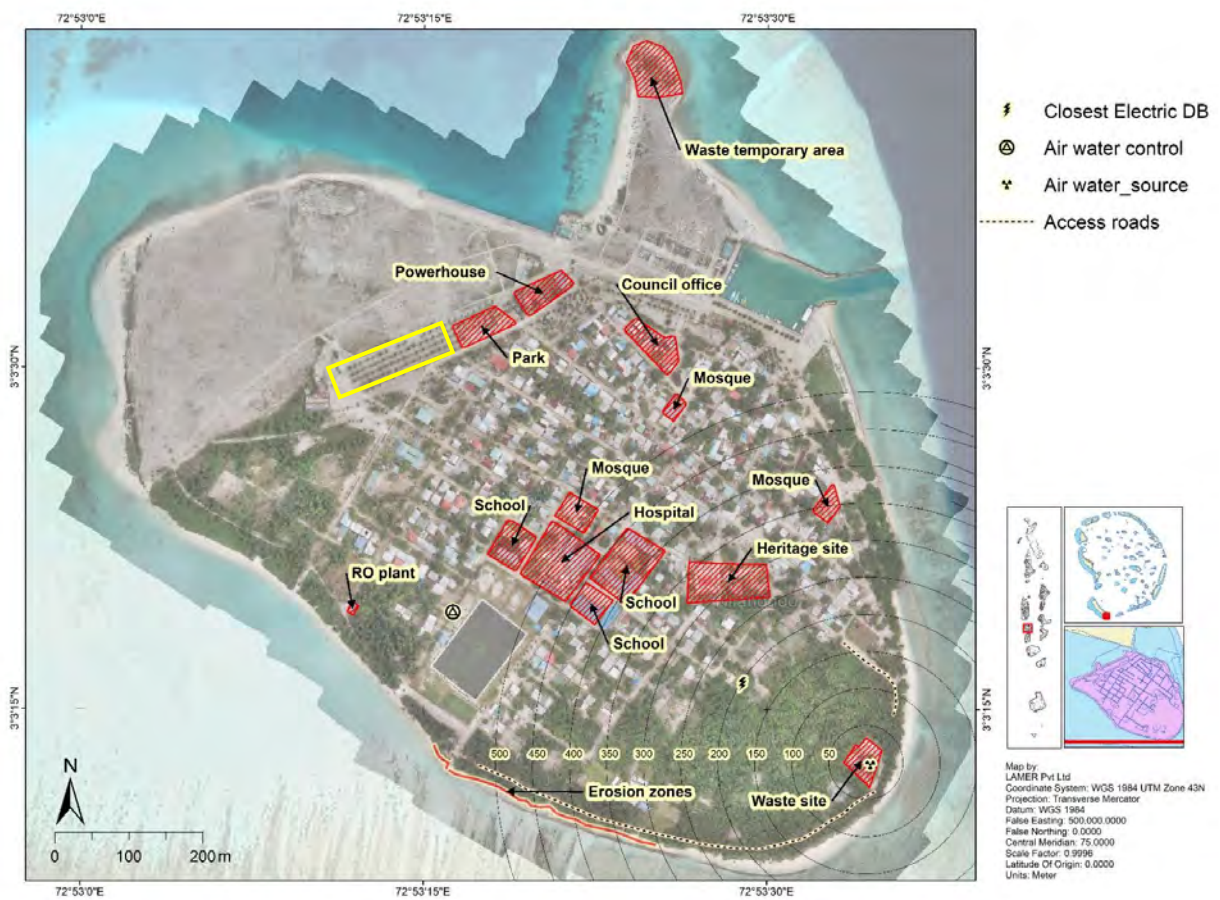


Figure 3: Photographs of replantation



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

7 Grievances

Grievance Redress Mechanism (GRM) of MCEP was functional at F. Nilandhoo. The focal point appointed by Nilandhoo Council for managing the GRM at Tier 1 was the Planning Officer at the Council. 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 Plan for operationalizing the IWRMC

A MOU was signed between the MCCEE and F. Nilandhoo Council before officiating the handover of the IWRMC operations to the council. IWRMC was handed over to the Island Council of F. Nilandhoo dated 7th May 2024 and handover letter is given in Appendix (6) in this report. The MOU requires the council to take necessary permits from URA before commencement of the IWRMC operations. In addition, it includes conditions like keeping adequate stock of critical parts, health and safety gears and ESMP monitoring of ESMP during the operational phase.

The MoU defines roles and responsibilities of the council to manage the IWRMC in compliance with national environmental laws and regulations. Most of the requirements have already been fulfilled by the council under the previous set up, F Nilandhoo had a 5 year Island Waste Management Plan (IWMP) for 2016 to 2020 which is now expired. According to the clause 7 (a) of the Waste Management Regulation (2013/R-58) & it's amendments, an IWMP should be formulated with the assistance of EPA and get approval from them. The IWMP is a guiding document for managing waste in each island. Therefore, if there is no IWMP approved, acquiring necessary approval is required.

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 has been initiated by the Island Council of Nilandhoo with assistance from MCEP-PMU. Centre registration and WM permit application submitted to URA are currently under review.

9 Groundwater Quality Analysis Report during construction phase

The ground water samples 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.

Table 4: Results of the groundwater conditions of F. Nilandhoo during the construction phase.

Name of Island	F. Nilandhoo		Test Method
Sampling Location	IWRMC Site	Control Site	
Sample Type	Ground Water	Ground Water	
Sampling Date	Jul-23	Jul-23	
Nos. of GW Testing	1st GW testing		
Parameters	Analysis Results		
Temperature (°C)	29.99	29.38	Tested by using Hanna Multiparameter probe.
pH	7.11	7.49	
Electrical Conductivity (µS/cm)	1482	675	
Total Dissolved Solids (ppm)	741	338	
Salinity (PSU)	0.75	338	
sPhysical Appearance	Pale yellow with particles	Clear with particles	Tested at MWSC Laboratory
Nitrate (mg/L)	1.8	1.6	

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

10 Conclusion

Upgrading of the IWRMC at F. Nilandhoo was completed on 19th January 2024. The contractor of the project was Vehi-Co Builders 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.

An MoU defining the roles and responsibilities of council to manage the IWRMC in compliance with national environmental laws and regulations will be signed between Nilandhoo Council and MECCT

The center is currently not operational and needs to be registered at the URA and operating license also needs to be obtained. Operational phase monitoring responsibility lies with the operator which is the Island Council and shall be performed after 1 year of commencing operations.

Appendices

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 Nilandhoo, Faafu Atoll-2nd Tender (Agreement No: (AGR)438-WMPC/PRIV /2023/ 55
Employer:	Ministry of Climate Change, Environment and Energy
Engineer / Consultant:	Riyan Pvt Ltd H.Azum, Ameenee Magu, Male', Republic of Maldives
Contractor:	Vehi-Con Builders 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 with swing gates.
Commencement Date of the Works:	14 th May 2023
Original Contract Completion:	10 th November 2023
Contract Date for Completion for the whole of the Works including EOTs:	19 th January 2024
Date of Substantial Completion of the Permanent Works:	15 th January 2024
Submission of Snags Rectification Report (by Contractor):	March 7, 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 Notification of Award dated 27th March 2023 (collectively the "Contract") which apply to the above Project.

The Engineer hereby certifies that except for the outstanding works set out in Appendix 'A' to this TOC which the Contractor undertakes to finish within the timescales mentioned in the Appendix, are substantially complete. However, all defects identified and notified to the Contractor during the final inspection must be rectified by the contractor as soon as practically possible. Defects Liability Period will start on 16th January 2024 and end after 06 months (on 13th July 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: 29th April 2024

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

ESHS/OHS/GBV Codes of Conduct and Action Plan

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

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'.

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.

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 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: _____

Signature: _____

Printed Name: _____

Title: _____

Date: _____

FORM 1: PROJECT TEAM INFORMATION

Project Title: Construction of Island Waste and Resource Management Center at Nilandhoo, Faafu Atoll

Date: 12-04-23

Contractor: Vehi-con Builders Private Limited

#	Staff Name	Role	Nationality	ID Card / Work Permit No.	Age	COVID19 Vaccination (Specify details of dosage completed)
1	Anwar	Welder, Carpenter	Bangladeshi	WP00093061	41	Astrazenaka Doze- 2 13-09-21
2	Abdul Mozid	Labour	Bangladeshi	WP00111099	37	Sinopharm Doze-2 12-06-21
3	Birendra Sing	Mason	Indian	WP00419423	47	Covishield Doze-2 18-07-21
4	Sakthivel Manickam	Mason	Indian	WP00431323	46	Covishield Doze-2 08-09-21
5	Sarvanan Selvam	Carpenter	Indian	WP00453563	35	Covishield Doze-2 28-11-21

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/PMAU for the project team.

Details of the Respondent

Name: Ahmed Rasheed

Designation: Managing Director

Signature: 

Company Seal:



Appendix 4 EMP monitoring reports

Submission Record (14 of 112)



Language: English (en) ▾

Validation status: Select... ▾

[< PREVIOUS](#)

Display XML names

EDIT

VIEW

[NEXT >](#)

DUPLICATE



Type	Question	Response
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Section 1: General Information






<input checked="" type="radio"/>	Project Zone	<i>Zone 4</i>
<input checked="" type="radio"/>	Atoll	
<input checked="" type="radio"/>	Atoll	<i>Faafu</i>
<input checked="" type="radio"/>	Atoll	
abc	Island Name	<i>NILANDHOO</i>

Section 2: Sub Project Details



<input checked="" type="radio"/>	Type of Sub Project?	<i>Other</i>
abc	Other Sub Project	
<input checked="" type="radio"/>	Sub-project details	<i>Upgrading of an existing center</i>
<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	<i>Not Applicable / Observed</i>
----------------------------------	---	----------------------------------

	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?

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



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

No

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

Hoarding



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?	<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?	<ul style="list-style-type: none"> • <i>Others</i>
	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	<i>PROJECT COMPLETED, NO MANPOWER AT SITE</i>









Section 11: Management of COVID19

	Is the country under a national public health emergency?	<i>No</i>
	Is hand washing facility or hand	

	sanitizers provided at the site?
	Attach photograph
<input data-bbox="186 359 220 388" 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 data-bbox="186 606 220 636" 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 data-bbox="186 1593 220 1623" 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	3
123	What are the standard per day	8

	working hours?	
	Specify work start time	08:00:00.000+05:00
	Specify work end time	18:06:00.000+05:00
	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?	Yes

Section 13: Fire Safety

	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

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 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?

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?




If Yes, provide Date and Time of Consultation?

123

If Yes, Number of stakeholders consulted?

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

Section 17: Informants

abc	Contractor's Informant Name and Designation	<i>ADAM AYAZ / PROJECT MANAGER</i>
abc	Council's Informant Name and Designation	<i>Shareef</i>
abc	Name and Designation of the person who filled the form	<i>KIRUBAKARAN A / CIVIL ENGINEER</i>
<input checked="" type="checkbox"/>	I certify that all the data captures is accurate to the best of my knowledge	OK
	Signature	

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Submitted by	



ESMP Monitoring Constru...

112 submissions

L

Consultants Declaration

I certify that to best of my knowledge the statements made in this ESMP monitoring for construction phase of IWRMC at Nilandhoo, Faafu 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: 22nd January 2024

Submission Record (8 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 4
<input checked="" type="radio"/>	Atoll	
<input checked="" type="radio"/>	Atoll	Faafu
<input checked="" type="radio"/>	Atoll	
abc	Island Name	F.Nilandhoo

Section 2: Sub Project Details



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

Section 3: Storage of Hazardous Chemicals during Construction

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

Yes



Type of vehicle used?

Hired from the island



Attach photo of the vehicle



Does the vehicle have an up to date road worthiness certificate



If yes, attach a copy of the certificate



How was materials transferred to the site?

Covered



Are machineries used well tuned / serviced?

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?

Yes



If Yes, include photograph of observer burning.



Did you notice any fumes or bad smells from the site being

Yes

generated via the use of chemicals?



Were these bearable?

No effect

Section 6: Source of Sand



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

Yes



Provide photographic evidence



Actions Taken

Section 7: Waste Management



Is Construction and Demolition waste (C&D) and/or green waste generated from the project?

No



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

abc

Provide details



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









Types of waste being reused for construction?

abc

Provide details







How are C&D and/or green waste (including any remaining waste after reuse) being disposed



	Attach photographic evidence	
	Attach photographic evidence	
	Attach photographic evidence	
<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 checked="" type="radio"/>	Does the site contain any significant vegetation?	Yes
<input checked="" type="radio"/>	Was any vegetation present at the site translocated to another area of the island?	No
123	Specify the number of trees that were translocated	
	Provide a photograph of the translocated area	
<input checked="" type="radio"/>	Was any vegetation removed /	No

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







- Boots/Covered Shoes
- Hard hats
- Luminous Jackets





Attach a photograph of workers with Boots/Covered Shoes



Attach a photograph of workers with Hard Hats

	Attach a photograph of workers using ear muffs
	Attach a photograph of welders using goggles
	Attach a photograph of workers using gloves
	Attach a photograph of workers using masks
	Attach a photograph of workers using safety harness
	Attach a photograph of workers using luminous jackets
abc	Provide details

Section 11: Management of COVID19

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

the log book.



Measures taken regarding
COVID19 situation in labor camp



Attach supporting photograph of
social distancing



Attach supporting photograph of
hand hygiene facilities /
arrangements



Attach supporting photograph of
awareness materials

Section 12: Working Conditions and Labor



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 3

123

What are the standard per day
working hours?



Specify work start time



Specify work end time



How is accommodation being
arranged? Temporary accommodation block




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 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

Section 14: Sociocultural Issues

123	What is the total number of workers recruited for the project?	8
<input checked="" type="radio"/>	Are any female workers recruited for the project?	No
123	Specify the number of female workers	
123	Specify the number of local workers	0
123	Specify the number of expatriate workers	8





<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)


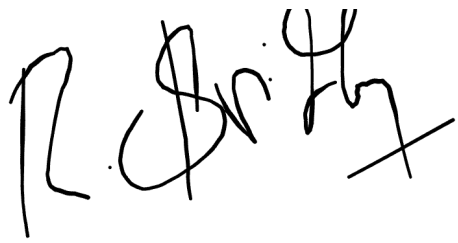
<input type="radio"/>	Is project board with GRM information present at the site?	Yes
	Attach photograph of the GRM board	
	When does the contractor plan to do this?	
<input type="radio"/>	ARE GRM POSTERS PRESENT IN THE ISLAND COUNCILS NOTICE BOARD AND IN PUBLIC PLACES?	No
	Attach photographic evidence	
	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?	
<input type="radio"/>	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	Anwar, site supervisor
abc	Council's Informant Name and Designation	Ibrahim, Vice president
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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Submitted by	



ESMP Monitoring Construct...

93 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 Nilandhoo, Faafu 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: 18th January 2024

Submission Record (20 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 4
<input checked="" type="radio"/>	Atoll	
<input checked="" type="radio"/>	Atoll	Faafu
<input checked="" type="radio"/>	Atoll	
abc	Island Name	NILANDHOO

Section 2: Sub Project Details

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

Section 3: Storage of Hazardous Chemicals during Construction

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

containers?



If Yes attach, a photograph of the containers



If No attach a photograph to show how fuel is currently being kept



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?	Moderate (normal construction site operation, bearable but moderately noisy)

Section 5: Air Quality and Dust

<input checked="" type="radio"/>	Are vehicles used for transporting material from harbour to project site?	No
<input checked="" type="radio"/>	Type of vehicle used?	
	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?



How frequently is the site being sprayed with water?

abc

Please specify the duration



Attach photo of the site to indicate ground condition



Are stockpiled construction materials covered?

Yes



Attach photo of how materials are stockpiled



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

No



If Yes, include photograph of observer burning.



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

No



Were these bearable?

Section 6: Source of Sand



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

Yes



Provide photographic evidence



Actions Taken

Section 7: Waste Management



Is Construction and Demolition waste (C&D) and/or green waste generated from the project?

No



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

abc

Provide details



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









Types of waste being reused for construction?

abc


Provide details





How are C&D and/or green waste (including any remaining waste after reuse) being disposed






	Attach photographic evidence	
	Attach photographic evidence	
	Attach photographic evidence	
<input checked="" type="radio"/>	Is there evidence of littering in and around the site?	Yes
	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 checked="" type="radio"/>	Does the site contain any significant vegetation?	No
<input checked="" 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 checked="" type="radio"/>	Was any vegetation removed / chopped?	
	Specify the number of trees that	

123	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?

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?

- Boots/Covered Shoes
- Hard hats



Attach a photograph of workers with Boots/Covered Shoes



Attach a photograph of workers

with Hard Hats



Attach a photograph of workers using ear muffs



Attach a photograph of welders using goggles



Attach a photograph of workers using gloves



Attach a photograph of workers using masks



Attach a photograph of workers using safety harness



Attach a photograph of workers using luminous jackets

abc

Provide details

Section 11: Management of COVID19



Is the country under a national public health emergency?

No



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



Attach photograph



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





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

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

Section 12: Working Conditions and Labor

	How is food arrangements being made for the contractor's workers?	Contractor
123	Specify amount in MVR	
123	How many meals / breaks are provided per day	3
123	What are the standard per day working hours?	8
	Specify work start time	08:00:00.000+05:00
	Specify work end time	17:00:00.000+05:00
	How is accommodation being arranged?	Rented house
	Was staff accommodation checked during monitoring?	Yes
123	How many toilets / bathrooms are present?	1

	Attach a photograph of accommodation facility	
	Facilities present at the accommodation	<ul style="list-style-type: none"> • Kitchen • Sitting room • Beds
abc	Specify	
<input checked="" type="radio"/>	Is the site of labor accommodation clean and sanitary and kept neatly?	Yes
<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?	Yes
	Attach photographic of extinguisher	
	Other fire safety precautions taken	<ul style="list-style-type: none"> • No open electrical wires are found

Section 14: Sociocultural Issues

123	What is the total number of workers recruited for the project?	6
<input checked="" type="radio"/>	Are any female workers recruited for the project?	No
123	Specify the number of female workers	
123	Specify the number of local workers	0

123	Specify the number of expatriate workers	6
<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?	No

Section 15: Grievance Redress Mechanism (GRM)

<input type="radio"/>	Is project board with GRM information present at the site?	No
	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?	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

Adam Ayaz / Project Manager

abc

Council's Informant Name and
Designation

Shareef

abc

Name and Designation of the
person who filled the form

Kirubakaran / Civil Engineer



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

OK



Signature

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audit	
__version__	vHgrde83WKAA7taMARsXxw
_id	291541836
instanceID	uuid:69b79f71-4340-49ab-84b9-15ac842ffbd0
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 Nilandhoo, Faafu 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 November 2023

Submission Record (19 of 78)



Language: English (en)

Validation status: Select...

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DUPLICATE



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

Section 1: General Information

<input checked="" type="radio"/>	Project Zone	Zone 4
<input checked="" type="radio"/>	Atoll	
<input checked="" type="radio"/>	Atoll	Faafu
<input checked="" type="radio"/>	Atoll	
abc	Island Name	Nilandhoo

Section 2: Sub Project Details

<input checked="" type="radio"/>	Type of Sub Project?	IWRMC Anaerobic Digestion
abc	Other Sub Project	
<input checked="" type="radio"/>	Sub-project details	Upgrading of an existing center
	Sub Project Location?	latitude (x.y °): 3.053578 longitude (x.y °): 72.892976 altitude (m): 0 accuracy (m): 0
abc	Physical Progress	67.52

Section 3: Storage of Hazardous Chemicals during Construction



ESMP Monitoring Constr...

78 submissions



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?

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?	Moderate (normal construction site operation, bearable but moderately noisy)

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




<input 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 type="radio"/>	Did you notice any fumes or bad smells from the site being generated via the use of chemicals?	No
<input type="radio"/>	Were these bearable?	

Section 6: Source of Sand

<input 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?	Yes
<input type="radio"/>	Type of Construction and Demolition waste (C&D) and/or green waste generated	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?	No
<input type="radio"/>	Types of waste being reused for construction?	
abc	Provide details	
<input type="radio"/>	How are C&D and/or green waste (including any remaining waste after reuse) being disposed	All waste disposed at council • designated location
<input type="radio"/>	Attach photographic evidence	
<input type="radio"/>	Attach photographic evidence	
<input type="radio"/>	Attach photographic evidence	
<input checked="" type="radio"/>	Is there evidence of littering in and around the site?	Yes
		



Attach photographic evidence



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

No



Attach photographic evidence

Section 8: Impacts on Natural Environment



Does the site contain any significant vegetation?

No



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

123

Specify the number of trees that were 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 checked="" type="radio"/>	Is the site demarcated as a Construction Site?	Yes
<input checked="" type="radio"/>	Which method is used to demarcate the site?	Fencing
	Attach a photograph of site demarcation	
<input checked="" 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?

Unsatisfactory (Less than 20% workers are wearing dust masks, helmets, covered shoes, luminous vests and gloves at minimal while working in the site)











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

- Boots/Covered Shoes









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	
<p>abc</p>	Provide details	








Section 11: Management of COVID19

<input checked="" type="radio"/>	Is the country under a national public health emergency?	No
<input checked="" type="radio"/>	Is hand washing facility or hand sanitizers provided at the site?	
	Attach photograph	
Have workers been briefed		

<input type="radio"/>	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 checked="" 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	3
123	What are the standard per day working hours?	8
	Specify work start time	08:00:00.000+05:00

	Specify work end time	18:00:00.000+05:00
	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?	Yes

Section 13: Fire Safety



	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

Section 14: Sociocultural Issues







123	What is the total number of workers recruited for the	5
-----	---	---

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


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="" data-bbox="207 613 240 655" 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 checked="" data-bbox="207 1411 240 1453" type="radio"/>	Has the concerned authorities been notified?	

Section 16: Status of Stakeholder Consultations

<input checked="" data-bbox="207 1663 240 1705" 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	Mohamed Anwar- Site Supervisor
abc	Council's Informant Name and Designation	Not present
abc	Name and Designation of the person who filled the form	Azhaan Mohamed- Project Coordinator
<input checked="" type="checkbox"/>	I certify that all the data captures is accurate to the best of my knowledge	OK
	Signature	

start	2023-10-25T09:37:00.833+05:00
end	2023-11-27T17:12:07.217+05:00
today	
username	
device ID	ee.kobotoolbox.org:G39GEMQC00HfJsws
phone number	phonenumber not found
audit	
__version__	vHgrde83WKAA7taMARsXxw
_id	282162856

instanceID	uuid:c20f9192-9993-487e-a9f5-d344d860adbd
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 Nilandhoo, Faafu 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 'M. Shujaa-ath', written over a circular stamp or seal.

Signature:

Company Name: Land and Marine Environmental Resource Group Pvt Ltd

Date: 30th August 2023



Language: English (en)

Validation status: Select...

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DUPLICATE



Type

Question

Response

Section 1: General Information

<input checked="" type="radio"/>	Project Zone	Zone 4
<input checked="" type="radio"/>	Atoll	
<input checked="" type="radio"/>	Atoll	Faafu
<input checked="" type="radio"/>	Atoll	
abc	Island Name	Nilandhoo

Section 2: Sub Project Details

<input checked="" type="radio"/>	Type of Sub Project?	IWRMC Anaerobic Digestion
abc	Other Sub Project	
<input checked="" type="radio"/>	Sub-project details	Upgrading of an existing center
	Sub Project Location?	latitude (x.y °): 3.053571 longitude (x.y °): 72.892968 altitude (m): 0 accuracy (m): 0
abc	Physical Progress	

Section 3: Storage of Hazardous Chemicals during Construction



Are fuel used for project purposes stored in sealed containers?

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?	
	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?	Yes
<input checked="" type="radio"/>	Did you observe high levels of dust generated in the work site?	No
<input checked="" type="radio"/>	Has dust generated from the site or construction material been deposited around the work site?	
<input checked="" type="radio"/>	How frequently is the site being sprayed with water?	
abc	Please specify the duration	



Attach photo of the site to indicate ground condition



Are stockpiled construction materials covered?

Yes



Attach photo of how materials are stockpiled



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

No



If Yes, include photograph of observer burning.



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

No



Were these bearable?

Section 6: Source of Sand

Is sand sourced for construction in compliance with national laws

and regulation?

Yes



Provide photographic evidence



Actions Taken

Section 7: Waste Management



Is Construction and Demolition waste (C&D) and/or green waste generated from the project?

No



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

abc

Provide details

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



being reused or considered to be reused for construction activities of the project?



Types of waste being reused for construction?

abc

Provide details



How are C&D and/or green waste (including any remaining waste after reuse) being disposed



Attach photographic evidence



Attach photographic evidence



Attach photographic evidence



Is there evidence of littering in and around the site?

No



Attach photographic evidence



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

Yes



Attach photographic evidence



Section 8: Impacts on Natural Environment



Does the site contain any significant vegetation?

Yes



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
- Gloves- Thick latex



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	3
123	What are the standard per day working hours?	9
<input type="clock"/>	Specify work start time	08:00:00.000+05:00
<input type="clock"/>	Specify work end time	18:00:00.000+05:00
<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?	
<input type="image"/>	Attach a photograph of accommodation facility	
<input type="list"/>	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 checked="" type="radio"/>	Is a portable extinguisher present at the site?	No
	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?	11
<input checked="" type="radio"/>	Are any female workers recruited for the project?	No
123	Specify the number of female workers	
123	Specify the number of local workers	1
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?	Yes

Section 15: Grievance Redress Mechanism (GRM)



Is project board with GRM information present at the site?

Yes



Attach photograph of the GRM board



When does the contractor plan to do this?



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

Yes



Attach photographic evidence



Attach photographic evidence



Attach photographic evidence



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



WAS ANY GRIEVANCE RELATED TO THE FOLLOWING ISSUES RECEIVED?



Has the concerned authorities been notified?

Section 16: Status of Stakeholder Consultations



Have further Stakeholder Consultations been carried out? No



If Yes, provide Date and Time of Consultation?

123

If Yes, Number of stakeholders consulted?

123

Number of women consulted?



Attach Minutes of Consultation



If No, provide the planned date of next consultations?

Section 17: Informants

abc

Contractor's Informant Name and Designation

Mohamed Ismail - Supervisor

abc

Council's Informant Name and Designation

Ahmed Shareef


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 OK

knowledge	
 Signature	
start	2023-08-22T13:29:38.265+05:00
end	2023-09-05T15:34:17.421+05:00
today	
username	
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phone number	phonenumber not found
audit	
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instanceID	uuid:e667b209-8291-420f-8d27-d1aea2d3573f
Submitted by	



ESMP Monitoring Construct...

43 submissions

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Appendix 5 Groundwater Quality Analysis Report

Male' Water & Sewerage Company Pvt Ltd
Water Quality Assurance Laboratory

Quality Assurance Building, 1st Floor, Male' Hingun, Vilimale', Male' City, Maldives
 Tel: +9603323209, Fax: +9603324306, Email: wqa@mwsc.com.mv



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 ~	F. Nilandhoo Control	F. Nilandhoo Site	M. Muli Control	TEST METHOD	UNIT
Sample Type ~	Ground Water	Ground Water	Ground Water		
Sample No	83243049	83243050	83243051		
Sampled Date ~	17/07/2023 03:00 PM	17/07/2023 03:00 PM	16/07/2023 03:15 PM		
PARAMETER	ANALYSIS RESULT				
Physical Appearance	Clear with particles	Pale yellow with particles	Clear with particles		
Nitrate *	1.6	1.8	0.9	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

Appendix 6 Handover Letter

