

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 Fonadhoo, Laamu Atoll

Location: Laamu Atoll

LaMer Pvt. Ltd.

**Hussein Zahir
Ibrahim Azhan Mohamed
Mariyam Shujaa-ath**

Proponent: Ministry of Climate Change, Environment & Energy

June 2024

Table of contents

Consultant declaration	1-3
1 Introduction	1-4
1.1 Project details	1-4
2 Monitoring schedule and compliance.....	2-5
2.1 Site visits	2-5
3 Project components	3-6
4 Project progress	4-7
5 Implementation of mitigation measures	5-8
6 Grievances	6-8
7 Plan for operationalizing the IWRMC	7-9
8 Conclusion.....	9-11
Appendices	9-12
Appendix 1 Proponent’s commitment to undertake mitigation and environmental monitoring	9-13
Appendix 2 Project takeover certificate	9-14
Appendix 3 Contractor’s draft declaration, staff list and HS items.....	9-15
Appendix 4 EMP monitoring reports	9-19
Appendix 5 Water quality test results report from MWSC.....	9-21

List of Figures

Figure 1. Schematic layout of IWRMC proposed	3-7
Figure 2. GRM board displayed at project site.....	6-9

List of Tables

Table 1. Existing and new infrastructure to be developed under the project.....	3-6
Table 1. Type of firefighting equipment and location.....	4-7
Table 3. Results of the ground water assessment.....	7-9

Consultant declaration

I certify that to best of my knowledge the statements made in this Environmental and Social Management Plan for the upgrading of Island Waste Resource Management Centre with Anaerobic Digestion Technology at Fonadhoo, Laamu 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: 27th June 2024



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 Fonadhoo, Laamu 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 L. Fonadhoo 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 9th November 2022. The project was completed on 14th February 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 was initially constructed by the Island Council and later upgraded through the UNDP funded Low Emission Climate Resilient Development (LECRd) project. However, the IWRMC is at present temporarily closed as waste is not managed properly. Waste management is at present through disposal at a site outside the existing IWRMC on the island. Waste is segregated at household level and waste collection is undertaken by the Council for a fee, although not all households have registered for the programme. The waste at the site is cleared on occasion through transfer to Thilafushi, while the kitchen waste is separated and disposed at sea. However, since waste management centre is closed and waste disposed not segregated properly and a mix of different types were observed at the dumping during the field surveys.

The MCCEE planned to incorporate a pilot 1.5-ton 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.

Many of the existing infrastructure and corresponding facilities of the IWRMC will be retained, while some will be converted into other infrastructure. New infrastructure to be constructed as part of the project will be constructed inside the 1000m² area allocated for the IWRMC. Additional details of the project are described in the ESMP for the upgrading of Island Waste Resource Management Centre with Anaerobic Digestion Technology at Fonadhoo, Laamu Atoll, (Lamer Group, 2021).

2 Monitoring schedule and compliance

Riyan Pvt Ltd is 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 mobilization of the contractor, which are provided in Appendix 3.

2.1 Site visits

Monthly site field visits were made by the supervision team of Riyan to the site during which environmental and social safeguards were also monitored. As such, during the whole project period, a total of 8 site visits were made from between January 2023 to December 2023. The initial supervision was conducted by the PMU team until Riyan team took over in July 2023.

3 Project components

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

1. *Site preparation*

The proposed work will be carried out at an existing IWRMC facility with easy access via one of the main roads which goes along the whole length of the island. Hence no vegetation clearance is necessary for the proposed work.

2. *Clean-up of existing waste*

The existing center is closed and no longer operated and waste is currently disposed outside the premises of the existing center. In addition, there are no waste that needs temporary transfer out of the site. *Construction of IWRMC*

The proposed infrastructure and infrastructure to be retained are given on Table 2. The site layout is shown on Figure 1.

Table 2. Existing and new infrastructure to be developed under the project

Existing infrastructure	New infrastructure
<ul style="list-style-type: none"> • Equipment Room - will be converted to an office via the proposed project. • Hazardous Waste Storage - will be converted into a storeroom via the proposed project. • Compost Screed and Bed • Leachate Well • Collection Bays • Groundwater Well • Boundary Fence with Gate 	<ul style="list-style-type: none"> • Office • Store • Toilet / washing area • Waste unloading, loading and weighing area (4.5 x 12.05m) • Organic waste processing area (12 x 14m) • Proposed inorganic waste processing area (10.38 x 12.05m) • Processed inorganic waste storage area (10.38 x 19.65m) • Bulk waste storage area (8.65 x 14.88m) • Hazardous waste storage area • Catch Pit • Installing drains • Connecting Water • Fire safety equipment • Connecting electricity to the new developments

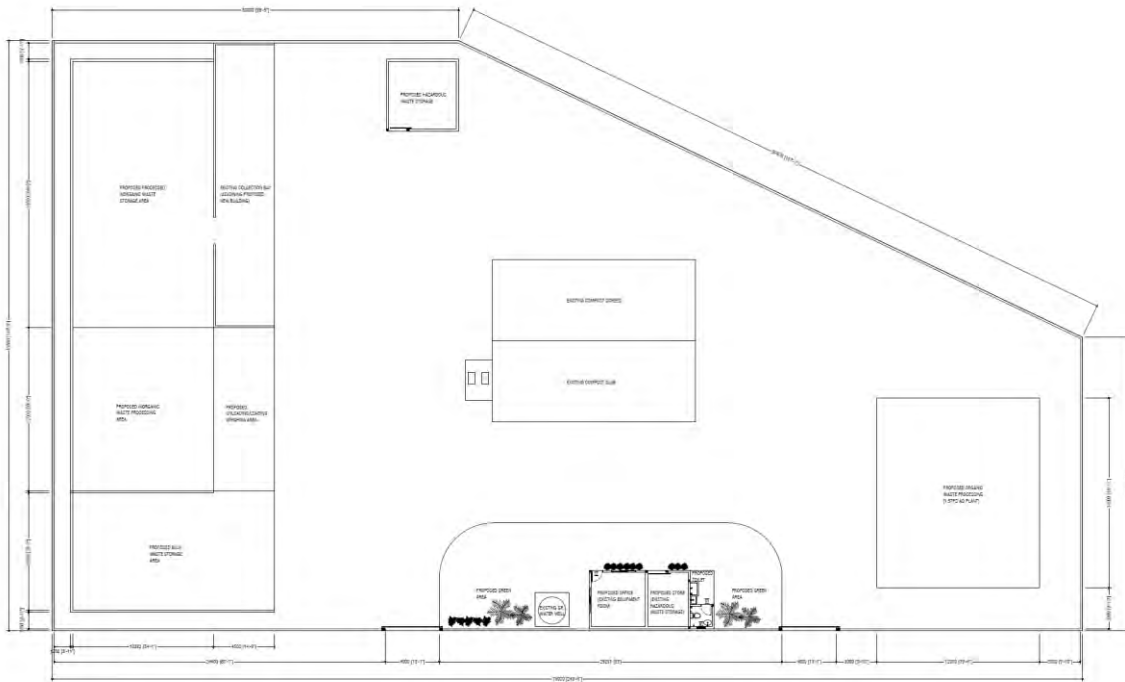


Figure 1. Schematic layout of IWRMC proposed

4 Project progress

All civil works of the project were completed on 26th March 2024, including plumbing, electrical works and fixing of the firefighting equipment.

Table 3. 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 visit of September 2023 were relatively minor owing to construction waste not being covered, littering on site even though a bin is present. These issues were rectified for the following months.

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

6 Grievances

Grievance Redress Mechanism (GRM) of MCEP was functional at L. Fonadhoo. The focal point appointed by Fonadhoo Council for managing the GRM at Tier 1 was Assistant Council Executive. 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.

A case of theft was reported as a GRM during the August 2023 site visit. Island Council, being the Tier 1 of GRM, was informed of this as well the Police. The stolen items from the site were mainly equipment used for finishing works of the IWRMC. The Contractor's team, after completion of the construction works, had left to Dhanbidhoo during which the equipment and

tools required for finishing works were left on the site. Contractor stated that to avoid any future thefts, they took measures like keeping the water shed locked.



Figure 2. GRM board displayed at project site

7 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 parameter stated in the ESMP were taken as shown in Table 3. Temperature, physical appearance, pH, Electrical conductivity, Total Dissolved Solid (TDS) and Salinity were tested by using Hanna Multiparameter while Nitrate was tested at MWSC Water Quality Assurance Laboratory. Most of the parameters are within the normal range. The temperature was a bit higher than the optimal range. This possibly due to the fact that the water sample being taken is affected by the hot weather. Nitrates level was increased in the IWRMC site compared to the initial test report and might be probably due to the fact that the source of sample is affected by such as sewage, use of nitrogenous fertilizers from agricultural land and decaying plant debris.

Table 3. Results of the groundwater conditions of L. Fonadhoo

Parameter	Design Phase (During preparation of ESMP report)		Construction Phase	EPA optimum Range	Remarks
	Control Site	IWRMC Site	IWRMC site (Sample collected in August 2023)		
Temperature (°C)	24.5	24.5	32.6	25-30	Tested using Hanna Multiparameter probe
pH	7.59	7.43	7.44	6.5-8.5	
Electrical Conductivity (µS/cm)	901	850	778	<1500	
Total Dissolved Solid (ppm)	451	425	389	<1000	
Salinity (PSU)	-	-	0.37	-	
Physical Appearance	Clear with particles	Clear with particles	Clear with particles	Clear with particles	Test done at MWSC Water Quality Assurance Laboratory
Nitrate (mg/L)	0.6	2.7	7.8	2.1	

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

8 Plan for operationalizing the IWRMC

A MOU was signed between the MCCEE and L. Fonadhoo council. Center was handed over to the council on 7th May 2024 (refer to Appendix 6). 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. Fonadhoo has an Island Waste Management Plan (IWMP), however is not approved by EPA. According to the clause 7 (a) of the Waste Management Regulation (2013/R-58) & its 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. Currently waste management is done by the Island Council and a committee appointed for waste management. However, due to financial constraints, waste management by this appointed unit is on hold at the moment.

Prior to starting its operation, Island council is required to get the IWMC registered at the Utility Regulatory Authority (URA) and get waste management permit from URA as well. This process has been initiated by the council with assistance from MCEP-PMU. Registration form and supporting documents submitted to URA on 28 April 2024. Registration issued by URA on 2 July 2024 (refer to Appendix 7).

9 Conclusion

Upgrading of the IWRMC at L. Fonadhoo was completed on 14th February 2024. 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 the agreed mitigation measures were implemented to a satisfactory level. No major non-compliance issues were noticed during construction phase.

All necessary fire freighting equipment were purchased and have been installed at the facility. No grievances were received from the public during the construction phase. An incidence of theft was reported by the Contractor which was reported to the Police.

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 Fonadhoo Council and MCCEE. On 7th May 2024, this IWRMC Facility was handed over to the Island Council of L. Fonadhoo.

The centre was registered at the URA on 2 July 2024 and waste management permit application process has been initiated. 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 1 Proponent's commitment to undertake mitigation and environmental monitoring

Ministry of Environment
Male', Republic of Maldives.



Date: 8 February 2021

No: 438-MCEP/INDIV/2021/17

To Whom It May Concern

Sub: Commitment to undertake Mitigation and Environmental Monitoring

The Environmental and Social Management Plan (ESMP) prepared for the proposed establishment of the Island Waste and Resource Management Centre (IWRMC) in L. Fonadhoo has been prepared in accordance with the Environmental and Social Assessment and Management Framework (ESAMF) of the Maldives Clean Environment Project (MCEP) and the safeguards requirements of the World Bank.

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

Sincerely,



Ahmed Murthaza,
Director General, Waste Management and Pollution Control Department

Green building, Hurdhuvany Ringun,
Male', 20392, Republic of Maldives.
HB90/303 8300
www.environment.gov.mv

ދިވެހިރާއްޖޭގެ ސަރުކާރުގެ ސަރުކާރުގެ ސަރުކާރުގެ ސަރުކާރު
މިހާރު ދިވެހިރާއްޖޭގެ ސަރުކާރުގެ ސަރުކާރުގެ ސަރުކާރުގެ ސަރުކާރު
stg@ecwast@environment.gov.mv
www.facebook.com/environment.gov.mv

Appendix 2 Project takeover certificate

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



RIYAN PRIVATE LIMITED
REG: C-235/2006

TAKING OVER CERTIFICATE

Project:	Construction of Island Waste and Resource Management Center at Fonadhoo, Laamu Atoll (AGR)438-WMPC/PRIV/2022/166
Employer:	Ministry of Climate Change, Environment and Energy
Engineer / Consultant:	Riyan Pvt Ltd H.Azum, Ameenee Magu, Male', Republic of Maldives
Contractor:	Lyco 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:	November 29, 2022
Original Contract Completion:	May 28, 2023
Contract Date for Completion for the whole of the Works including EOTs:	Feb 5, 2024
Date of Substantial Completion of the Permanent Works:	Feb 14, 2024
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 26th October 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 15th February 2024 and end after 06 months (on 13th August 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

Page 1 of 2

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

ESHS/OHS/GBV Codes of Conduct and Action Plan

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

I, _____, acknowledge that adhering to environmental, social, health and safety (ESHS) standards, following the project's occupational health and safety (OHS) requirements, and preventing Gender Based Violence (GBV) is important.

The Company considers that failure to follow ESHS and OHS standards, or to partake in activities constituting GBV—be it on the work site, the work site surroundings, at workers' camps, or the surrounding communities—constitute acts of gross misconduct and are therefore grounds for sanctions, penalties or potential termination of employment. Prosecution by the Police of those who commit GBV may be pursued if appropriate.

I agree that while working on the project I will:

1. Consent to Police background check.
2. Attend and actively partake in training courses related to ESHS, OHS, and GBV as requested by my employer.
3. Will wear my personal protective equipment (PPE) at all times when at the work site or engaged in project related activities.
4. Take all practical steps to implement the contractor's environmental and social management plan (C-ESMP).
5. Implement the OHS Management Plan.
6. Adhere to a zero-alcohol policy during work activities, and refrain from the use of narcotics or other substances which can impair faculties at all times.
7. Treat 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.
8. Not use language or behavior towards women, children or men that is inappropriate, harassing, abusive, sexually provocative, demeaning or culturally inappropriate.
9. Not sexually exploit or abuse project beneficiaries and members of the surrounding communities.
10. Not engage in sexual harassment of work personnel and staff—for instance, making unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature is prohibited. E.g. looking somebody up and down; kissing, howling or smacking sounds; hanging around somebody; whistling and catcalls; in some instances, giving personal gifts.
11. Not engage in sexual favors—for instance, making promises of favorable treatment (e.g. promotion), threats of unfavorable treatment (e.g. loss of job) or payments in kind or in cash, dependent on sexual acts—or other forms of humiliating, degrading or exploitative behavior.
12. Not use prostitution in any form at any time.
13. Not participate in sexual contact or activity with children under the age of 18—including grooming, or contact through digital media. Mistaken belief regarding the age of a child is not a defense. Consent from the child is also not a defense or excuse.
14. Unless there is the full consent¹ by all parties involved, I will not have sexual interactions with members of the surrounding communities. This includes relationships involving the withholding or

¹ **Consent** is defined as the informed choice underlying an individual's free and voluntary intention, acceptance or agreement to do something. No consent can be found when such acceptance or agreement is obtained using threats, force or other forms of coercion, abduction, fraud, deception, or misrepresentation. In accordance with the United Nations Convention on the Rights of the Child, the World Bank considers that

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.

15. Consider reporting through the GRM or to my manager any suspected or actual GBV by a fellow worker, whether employed by my company or not, or any breaches of this Code of Conduct.

With regard to children under the age of 18:

16. Bring to the attention of my manager the presence of any children on the construction site or engaged in hazardous activities.
17. Wherever possible, ensure that another adult is present when working in the proximity of children.
18. Not invite unaccompanied children unrelated to my family into my home, unless they are at immediate risk of injury or in physical danger.
19. Not use any computers, mobile phones, video and digital cameras or any other medium to exploit or harass children or to access child pornography (see also “Use of children’s images for work related purposes” below).
20. Refrain from physical punishment or discipline of children.
21. Refrain from hiring children for domestic or other labor below the minimum age of 14 unless national law specifies a higher age, or which places them at significant risk of injury.
22. Comply with all relevant local legislation, including labor laws in relation to child labor and World Bank’s safeguard policies on child labor and minimum age.
23. Take appropriate caution when photographing or filming children (See Annex 2 for details).

Use of children’s images for work related purposes

When photographing or filming a child for work related purposes, I must:

24. Before photographing or filming a child, assess and endeavor to comply with local traditions or restrictions for reproducing personal images.
25. Before photographing or filming a child, obtain informed consent from the child and a parent or guardian of the child. As part of this I must explain how the photograph or film will be used.
26. Ensure photographs, films, videos and DVDs present children in a dignified and respectful manner and not in a vulnerable or submissive manner. Children should be adequately clothed and not in poses that could be seen as sexually suggestive.
27. Ensure images are honest representations of the context and the facts.
28. Ensure file labels do not reveal identifying information about a child when sending images electronically.

Sanctions

I understand that if I breach this Individual Code of Conduct, my employer will take disciplinary action which could include:

1. Informal warning.
2. Formal warning.
3. Additional Training.
4. Loss of up to one week’s salary.

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.

5. Suspension of employment (without payment of salary), for a minimum period of 1 month up to a maximum of 6 months.
6. Termination of employment.
7. Report to the Police if warranted.

I understand that it is my responsibility to ensure that the environmental, social, health and safety standards are met. That I will adhere to the occupational health and safety management plan. That I will avoid actions or behaviors that could be construed as GBV. Any such actions will be a breach this Individual Code of Conduct. I do hereby acknowledge that I have read the foregoing Individual Code of Conduct, do agree to comply with the standards contained therein and understand my roles and responsibilities to prevent and respond to ESHS, OHS, GBV issues. I understand that any action inconsistent with this Individual Code of Conduct or failure to act mandated by this Individual Code of Conduct may result in disciplinary action and may affect my ongoing employment.

Signature: _____

Printed Name: _____

Title: _____

Date: _____

FORM 1: PROJECT TEAM INFORMATIONProject Title: Upgrading of Island Waste Resource Management Centre L.Fonadhoo

Date: 5/11/2022

Contractor: **Lyco Construction Company**


#	Staff Name	Role	Nationality	ID Card / Work Permit No	Age	COVID19 Vaccination (Specify details of dosage completed)
1	Ahmed Thoha	Work Supervisor	Maldivian	A068559	46	2
2	Ahmed Thoha	Health and Safety Supervisor	Maldivian	A068559	46	2
3	Syed Abdul Karim Ismail	Civil Engineer	Indian	WP00314027	39	2
4	Shahed	Cleaner	Bangladeshi	WP00335654	36	2
5	Rathod Karan	Cleaner	Indian	WP00466335	25	2
6	Mohamed Abdul Kashem	Labour	Bangladeshi	WP00355351	48	2
7	MD Ariful Islam	Labour	Bangladeshi	WP00323213	25	2
8	Kumar Ranjit	Labour	Indian	WP00464595	25	2
9	Abenaveni Gangadhar	Mason Stucco	Indian	WP00466345	29	2
10						
11						

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: Mohamed Riyaz

Designation: Managing Director

Signature: Company Seal: 
LYCO CONSTRUCTION COMPANY PVT LTD
C-9272999

Appendix 4 EMP monitoring reports

Submission Record (14 of 112)



Language: English (en)

Validation status: Select...

[< PREVIOUS](#)

Display XML names

[NEXT >](#)



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

Section 3: Storage of Hazardous Chemicals during Construction

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

	containers?	
	If Yes attach, a photograph of the containers	
	If No attach a photograph to show how fuel is currently being kept	
<input checked="" data-bbox="186 646 220 674" type="radio"/>	WERE ALL HAZARDOUS CHEMICAL CONTAINERS (PAINTS, THINNERS, LUBRICANTS) STORE IN CLOSED CONTAINERS AND PLACED ON A IMPERMEABLE SURFACE (EITHER A CONCRETE SLAB, CONTAINED BOX OR LINED AND ISOLATED AREA?	<i>Not Applicable / Observed</i>
	If Yes, attach photographic proof	
	If No, attach a photograph to show how the chemicals are being kept	
<input checked="" data-bbox="186 1272 220 1299" type="radio"/>	WERE ANY CHEMICALS STORED CLOSE TO ELECTRICAL OUTLETS, OR ANY AREAS WHERE THERE IS A RISK OF FIRE AND EXPLOSION?	<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="186 359 224 390" 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="186 604 224 636" 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 224 1625" 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	

start	<i>2024-02-04T10:08:15.221+05:00</i>
end	<i>2024-02-04T10:56:23.531+05:00</i>
today	
username	
device ID	<i>ee.kobotoolbox.org:x6DUmU06s5C1PZ6E</i>
phone number	<i>phonenumber not found</i>

audit	
__version__	<i>vHgrde83WKAA7taMARsXxw</i>
_id	<i>309850064</i>
instanceID	<i>uuid:e4aae5d0-8534-455f-9e77-5571db4bd57d</i>
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...

[< PREVIOUS](#) Display XML names

EDIT






VIEW

[NEXT >](#)



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	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 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?	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 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)


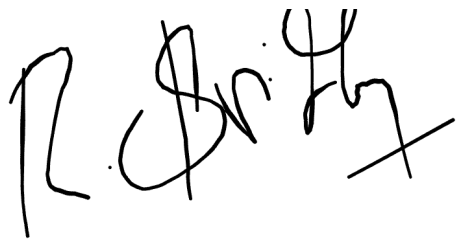
<input type="radio"/>	Is project board with GRM information present at the site?	Yes
	Attach photograph of the GRM board	
	When does the contractor plan to do this?	
<input type="radio"/>	ARE GRM POSTERS PRESENT IN THE ISLAND COUNCILS NOTICE BOARD AND IN PUBLIC PLACES?	No
	Attach photographic evidence	
	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	

start	2024-01-07T15:45:58.435+05:00
end	2024-01-07T15:54:50.332+05:00
today	
username	
device ID	ee.kobotoolbox.org:nq8BL6sXd0KjjVt3
phone number	phonenumber not found
audit	
__version__	vHgrde83WKAA7taMARsXxw
_id	303261288
instanceID	uuid:92163186-05f6-4910-ac90-b062b3a53293
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... ▾

[← PREVIOUS](#)

Display XML names

EDIT

VIEW

[NEXT >](#)

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
<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


<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 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?	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-

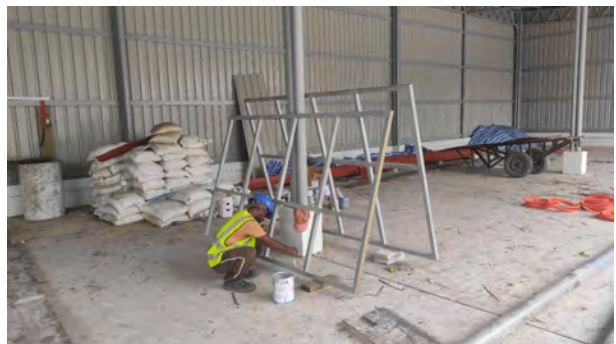


What are the types of PPEs observed being used by the site workers?

- 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

start 2023-11-28T19:56:51.114+05:00

end 2024-01-18T11:40:12.482+05:00

today

username

device ID ee.kobotoolbox.org:gqHKSA0vkN6AFQmQ

phone number phonenumber not found

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...

[< PREVIOUS](#) Display XML names

EDIT

VIEW

[NEXT >](#)

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 translocatedProvide a photograph of the
translocated areaWas any vegetation removed /
chopped?

123


Specify the number of trees
that were removed / chopped

Attach photographic evidence

Was 2:1 replantation
undertaken?

	Indicate the location on which replantation was undertaken
123	Indicate the number of trees that were replanted?
	Provide a photograph of the replanted area
	Indicate planned date for replantation

Section 9: General Health and Safety

<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	
abc	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	• No open electrical wires are found

Section 14: Sociocultural Issues







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

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

Section 16: Status of Stakeholder Consultations

<input checked="" 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 'MS' with a large flourish, located below the registration number.

Signature:

Company Name: Land and Marine Environmental Resource Group Pvt Ltd

Date: 30th August 2023



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 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	
device ID	ee.kobotoolbox.org:w55xIQuyLdDuVT1b
phone number	phonenumber not found
audit	
__version__	vHgrde83WKAA7taMARsXxw
_id	262652341
instanceID	uuid:e667b209-8291-420f-8d27-d1aea2d3573f
Submitted by	



ESMP Monitoring Construct...

43 submissions

L

Appendix 5 Groundwater Quality Analysis Reports

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



WATER QUALITY TEST REPORT
 Report No: 500201758

Customer Information:

Riyan PVT Ptd
 H.Azum
 Ameeneemagu
 Male' MALE'

Report date: **19/08/2024**
 Test Requisition Form No: **900201220**
 Sample(s) Recieved Date: **12/08/2024**
 Date of Analysis: **12/08/2024 - 12/08/2024**

Sample Description ~	IWRMC Projects/L. Fonadhoo (IWRMC Site)	IWRMC Projects/L. Fonadhoo (Control Site)	IWRMC Projects/M. Kholufushi (IWRMC Site)	TEST METHOD	UNIT
Sample Type ~	Ground Water	Ground Water	Ground Water		
Sample No	83251628	83251629	83251631		
Sampled Date ~	08/08/2024 03:00 PM	08/08/2024 03:32 PM	10/08/2024 10:30 AM		
Physical Appearance	Clear with particles	Clear with particles	Clear with particles		
PARAMETER	ANALYSIS RESULT				
Nitrate *	7.8	2.1	1.1	HACH Method 8171	mg/L

Keys: mg/L : Milligram Per Liter

Checked by

Aminath Shahidha
 Laboratory Executive

Approved by

Mohamed Eyman
 Assistant General Manager, Quality

Notes:

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

Appendix 6 IWRMC Handover letter to issued to Island Council

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



ދިވެހިސަރުކާރުގެ ގެޒެޓް، ސަރުކާރުގެ ބަޔާން، ސަރުކާރުގެ ނިންމުމާއި ނިންމުމުގެ ބަޔާން
މިއަހަރުގެ 1445
ދިވެހިސަރުކާރުގެ ގެޒެޓް.

438-WMPC/401/2024/6 : ސަރުކާރުގެ ބަޔާން

ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން
މިއަހަރުގެ 1445

ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން

ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން
މިއަހަރުގެ 1445

ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން
މިއަހަރުގެ 1445

ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން

28 ސަރުކާރުގެ ބަޔާނުގެ ދަށުން 1445

07 ޖުލައި 2024

ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން
މިއަހަރުގެ 1445

ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން ސަރުކާރުގެ ބަޔާނުގެ ދަށުން
މިއަހަރުގެ 1445

Appendix 7 URA letter Confirming IWRMC Registration

