

Safeguards Monitoring Report

Semi Annual Report
October 2017

VAN: Inter-Island Shipping Support Project

Prepared by Ministry of Infrastructure and Public Utilities for the Vanuatu Government and the Asian Development Bank.

This safeguards monitoring report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

In preparing any country program or strategy, financing any project, or by making any designation of or reference to a particular territory or geographic area in this document, ADB does not intend to make any judgments as to the legal or other status of any territory or area.

Semi-Annual Environmental and Social Safeguards Monitoring Report

Project Number: 42392-01

ADB Loan: 2820/ Grant 0273-Van

Contract No. VISSP W01/14

Vanuatu: Inter-Island Shipping Support Project

Period: July – Dec 2016

Prepared by Ministry of Infrastructure and Public Utilities for the Asian Development Bank.

This environmental and social safeguard monitoring report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

In preparing any country program or strategy, financing any project, or by making any designation of or reference to a particular territory or geographic area in this document, the Asian Development Bank does not intend to make any judgments as to the legal or other status of any territory or area.

TABLE OF CONTENTS

Acronyms

I. Introduction.....	4
A. Background and Purpose of the Report	4
B. Description of the Project.....	4
C. Compliance with Statutory Requirements.....	13
II. Monitoring Activities & Status of Safeguard Compliance During Reporting Period.....	13
A. Environment Safeguards	13
B. Resettlement/Social Safeguards.....	15
III. Grievance Redress Issues.....	20
IV. Stakeholder Consultations.....	22
V. Summary and Conclusions.....	27
VI. APPENDIX	
A. Monitoring Checklists	
B. Photographs	
C. List of National Statutory Requirements	

ACRONYMS

ADB	Asian Development Bank
AP	Affected Persons
CLTA	Customary Land Tribunal Act No. 7 (2001)
DFAT	Department of Foreign Affairs and Trade
EMMP	Environment Management and Monitoring Plan
GoV	Government of Vanuatu
MIPU	Ministry of Infrastructure and Utilities
MFEM	Ministry of Finance and Economic Management.
MLNR	Ministry of Land and Natural Resources
MOU	Memorandum of Understanding
NZ MFAT	Government of New Zealand Ministry of Foreign Affairs & Trade
RP	Resettlement Plan
RF	Resettlement Framework
SPS	Safeguard Policy Statement
USD	United States Dollars
VISSP	Vanuatu Inter-island Shipping Project
VPMU	Vanuatu Project Management Unit

I. INTRODUCTION

A. Background and Purpose of the Report

1. The Vanuatu Inter-island Shipping Support Project (VISSP) under the ADB Loan: 2820/ Grant 0273-Van, commenced in January 2013. A Project Implementation Team (PIT) has been recruited by the Vanuatu Project Management Unit (VPMU) which is the project executing agency. The PIT was established in the latter part of 2015 and consists of the Project Team Leader, the Resident Engineer, the Site Superintendent, the Environment and Social Safeguards Specialist, and the Accountant. The PIT is accommodated with and works closely with the local government Public Works Department. The overall safeguards requirements are set out in a number of documents including laws of Vanuatu (including any conditions on permits issued), the loan agreement, initial environmental examination (IEE). Specifically, the Project Administration Manual (PAM) outlines under Safeguards Monitoring and Reporting that: “The Borrower shall do the following or cause the Project Executing Agency to do the following:
 - Submit semi-annually Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission;
 - If any unanticipated environmental and/or social risks and impacts arise during construction , implementation or operation of the Project that were not considered in the IEE, the resettlement plan or the indigenous people’s plan, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the events and proposed corrective action plan; and
 - Report any actual or potential breach of compliance with the measures and requirements set forth in the EMP, the resettlement plan or the indigenous people’s plan promptly after becoming aware of the breach.
2. The present report is the second semi-annual Environmental and Social Safeguards Monitoring Report prepared for the VISSP. It also complies with the ADB Safeguard Policy Statement (2009) and Public Communications Policy 2011 and government requirements for projects, with regards to implementation, monitoring and information disclosure..

B. Description of the Project

3. The Vanuatu Inter-Island Shipping Support Project (VISSP) has two main components: i) The Construction and Rehabilitation of Domestic Wharves and Jetties in Vanuatu and ii) The Inter-island Shipping Subsidy Scheme. According to the SPS, the project is classified as category B for environment and category C for involuntary resettlement. Social and environmental safeguards due diligence following SPS and country safeguard systems has been completed and approved by government and ADB. The due diligence documents have been disclosed. This includes documentation for additional financing components.
4. There are no safeguards issues associated with the shipping subsidies component of the project, therefore this report focuses on component i).

5. Component i) comprises of seven (7) sub-projects including the following;
 - a. South Paray domestic wharf and channel construction
 - b. Simonsen wharf rehabilitation
 - c. Lenakel wharf rehabilitation
 - d. Litzlitz wharf rehabilitation
 - e. Lolowai jetty construction
 - f. Loltong jetty construction
 - g. Port Sandwich jetty construction

Due diligence on the sub-projects has been undertaken. The status of each subproject is summarized in Table 1.1 and Table 1.2.

Table 1.1 - Subproject compliance with environmental requirements

Sub – Project	Proposed facilities to be constructed	Status of Physical works	PEA/EIA/IEE Submission and Clearance	CEMP/SEMP Submitted/Approved	Environmental checklist and monitoring	Memorandum of Understanding
South Paray wharf and channel	<u>Wharf Structure</u> <ul style="list-style-type: none"> • L shaped piled wharf, with 14m wide reinforced concrete superstructure over an armored embankment retaining the backfilled area behind. • Landing craft ramp, piled with concrete deck. <u>Landside Facilities</u> <ul style="list-style-type: none"> • 72 m2 passenger shelter, separate toilet block. • Security fence and gates • Access road construction <i>No quarantine shed</i> <i>No market house.</i> <i>No storage shed.</i>	<p>Embankment and bund constructed including rock armouring.</p> <p>Piling in progress.</p> <p>Dredging commenced mid Nov</p>	<p>Request for Extension of IEE approval submitted to DEPC for clearance on 15th September 2015</p> <p>Approval of extension for IEE received by VPMU on September 18th 2015</p>	<p>CEMP Approved by Resident Engineer on 23rd May 2016.</p> <p>Site Specific EMP in Contract Specifications Annex B will be adhered to.</p>	<p>Monitoring through site inspections using checklist undertaken</p> <p>During dredging turbidity monitored daily against EMP specifications</p>	<p>Yes. Access granted December 2015</p> <p>MOU already signed for the South Paray Wharf.</p> <p>MOU signed and access granted by custom owners for channel dredging 21 Oct.</p>
Simonsen Wharf	<u>Wharf Structure</u> <ul style="list-style-type: none"> • L shaped piled wharf, with 14m wide reinforced concrete superstructure built in front of the existing sheet pile wharf face. • Sloping armored embankment with rock-fill behind retains existing sheet pile wharf face • Two single landing craft ramps. <u>Landside Facilities</u>	<p>No physical works has commenced yet</p>	<p>EIA Submitted to DEPC for approval on October 2015.</p> <p>DEPC Approval on the EIA Report – 17th November 2015</p>	<p>EMPs in Contract Specifications Annex B will be adhered to and any additional requirements as per design changes.</p>	<p>No monitoring yet</p>	<p>Yes. Access granted March 2016</p> <p>MOU already signed.</p>

	<ul style="list-style-type: none"> Existing 250 m2 (approx.) storage shed retained. Existing passenger shelter retained and upgraded. Separate toilets connected to existing septic tank. Security fence and gates. <p><i>No market house.</i> <i>No road works.</i></p>					
Lolowai	<p>Wharf Structure</p> <ul style="list-style-type: none"> Piled wharf. Deck level on last bays sloped up to remove the need for excavation of shoreline bank at the abutment. Energy dissipating erosion protection to shore bank. <p>Landside Facilities</p> <ul style="list-style-type: none"> 72 m2 multi-purpose shelter. Toilets <p><i>No market house.</i> <i>No security fence, gates or security hut.</i> <i>No new road.</i> <i>No surfaced car parking areas.</i> <i>No excavation to level site.</i></p>	No physical works has commenced yet	<p>Request for Extension of IEE approval submitted to DEPC for clearance on 15th September 2015</p> <p>Approval of extension for IEE received by VPMU on October 19th 2015</p>	<p>CEMP Approved by Resident Engineer on 23rd May 2016.</p> <p>EMPs in Contract Specifications Annex B will be adhered to</p>	No monitoring yet	MOU for access renewed and signed.
Loltong	<p>Wharf Structure</p> <ul style="list-style-type: none"> Replacement piled wharf on old wharf alignment. 	No physical works has commenced yet	Request for Extension of IEE	CEMP Approved by	No monitoring yet	

	<ul style="list-style-type: none"> • Deck level on last bays sloped up to remove the need for excavation of shoreline bank at the abutment. • Energy dissipating erosion protection to shore bank. <p>Landside Facilities</p> <ul style="list-style-type: none"> • 72 m2 multi-purpose shelter on old shed site. • Toilets <p><i>No market house.</i> <i>No storage shed.</i> <i>No security fence, gates or security hut.</i> <i>No new road.</i> <i>No surfaced car parking areas.</i> <i>No excavation to level site.</i></p>		<p>approval submitted to DEPC for clearance on 15th September 2015</p> <p>Approval of extension for IEE received by VPMU on October 19th 2015</p>	<p>Resident Engineer on 23rd May 2016.</p> <p>EMPs in Contract Specifications Annex B will be adhered to</p>		MOU already signed.
Litzlitz wharf	<p>Wharf Structure</p> <p>Repairs to existing concrete wharf.</p> <p>Construct new landing craft ramp, concrete deck on piles.</p> <p>Landside Facilities</p> <p>72 m2 multi-purpose shelter.</p> <p><i>No market house – no land.</i> <i>No toilets – no land.</i></p>	No physical works has commenced yet	<p>Request for Extension of IEE approval submitted to DEPC for clearance on 15th September 2015</p> <p>Approval of extension for IEE received by VPMU on October 19th 2015</p>	<p>CEMP Approved by Resident Engineer on 23rd May 2016.</p> <p>EMPs in Contract Specifications Annex B will be adhered to</p>	No monitoring yet	MOU for access renewed and signed

Port Sandwich	<p>Wharf Structure</p> <ul style="list-style-type: none"> • Replacement piled wharf with wharf face re-aligned to be parallel to sea bed contours. • Landing craft ramp, piled with concrete deck on old ramp alignment. • Repairs to and reshaping the eroded shoreline to the east of the wharf to match natural shoreline processes. <p>Landside Facilities</p> <ul style="list-style-type: none"> • 72 m2 multi-purpose shelter. • Toilets. • Road re-surfacing. <p><i>No market house.</i> <i>No security fence, gates or security huts.</i></p>	No physical works has commenced yet	<p>Request for Extension of IEE approval submitted to DEPC for clearance on 15th September 2015</p> <p>Approval of extension for IEE received by VPMU on October 19th 2015</p>	<p>CEMP Approved by Resident Engineer on 23rd May 2016.</p> <p>EMPs in Contract Specifications Annex B will be adhered to</p>	No monitoring yet	MOU for access renewed and signed
Lenakel Wharf	<p>Wharf Structure</p> <ul style="list-style-type: none"> • Repairs to existing concrete wharf. <p><i>No landing craft ramp.</i></p> <p>Landside Facilities</p> <ul style="list-style-type: none"> • 72 m2 multi-purpose shelter. <p>Renovate existing toilet block.</p> <p><i>No market house.</i></p>	No physical works has commenced yet	<p>Request for Extension of IEE approval submitted to DEPC for clearance on 15th September 2015</p> <p>Approval of extension for IEE received by VPMU on October 19th</p>	<p>CEMP Approved by Resident Engineer on 23rd May 2016.</p> <p>EMPs in Contract Specifications Annex B will be adhered to</p>	No monitoring yet	<p>Yes. Access granted April 2016</p> <p>MOU already signed.</p>

			2015			
--	--	--	------	--	--	--

An environmental management and monitoring plan (EMMP) was developed for each of the sub-project. The EMMPs highlight the important conditions to be monitored, key impacts, mitigation measures, monitoring requirements and the key persons and agencies responsible for carrying out monitoring.

The Contractor's Environmental Management Plan has been approved and which governs the project as a whole. The approach taken is to keep the CEMP as a 'live document' and where identified and required by the RE, it will be updated. The Contractor will then adhere to the CEMP (including site-specific EMPs) approved by the PIT. The CEMP is based on the EMP from the IEE and as outlined in Annex B of the contract specifications.

Table 1.2 - Permits and licenses required under current national legislation

Wharf/ Jetty site	Permits/Licenses Required	Permits/Licenses obtained	Expiry Dates of Permits Obtains	Site Clearance Progress Status
South Paray Wharf	<ol style="list-style-type: none"> 1. Environment Permit 2. Foreshore Development Consent 3. Water Works Permit 4. Building Permit 	<ol style="list-style-type: none"> 1. Environmental Permit Granted on September 18th 2015. 2. Foreshore Development Consent Granted on December 1st 2015. 3. Water Works Permit granted on 27th January 2016. 	<ol style="list-style-type: none"> 1. Environmental Permit - Expires September 2016 2. Foreshore Development Consent – Expires on December 1st 2016 3. Water Works Permit – Expires on 27th January 2017 	<p>Contractors Site Environmental Induction completed</p> <p>Possession of Site granted December 2015</p> <p>Community Liaison Committee (CLC) established</p>
South Paray Channel	<ol style="list-style-type: none"> 1. Environment Permit 2. Foreshore Development Consent 	<ol style="list-style-type: none"> 1. Environment Permit granted on 10th February 2016. 2. Foreshore Development 	<ol style="list-style-type: none"> 1. Environment Permit – Expires on 10th February 2017 2. Foreshore Development 	<p>Possession of Site not yet granted</p> <p>CLC established</p>

	3. Quarry Permit 4. Water Works Permit	Consent granted on 15 th February 2016 3. Water Works Permit granted on 27 th January 2016.	Consent – Expires on 15 th February 2017 3. Water Works Permit - Expires on 27 th January 2017	
Simonsen Wharf	1. Environment Permit 2. Foreshore Development Permit 3. Water Works Permit 4. Building Permit	1. Environment Permit granted on 17 th November 2015. 2. Foreshore Development Consent granted on 1 st December 2015. 3. Water Works Permit granted on 27 th January 2016. 4. Building Permit granted on 18 th April 2016	1. Environment Permit – Expires on 17 th November 2016 2. Foreshore Development Consent – expires on December 2016. 3. Water Works Permit – expires on 27 th January 2017 4. Building Permit – expires on 18 th April 2017	Possession of Site granted March 2016 Wharf currently being redesigned
Lenakel Wharf	1. Environment Permit 2. Foreshore Development Consent 3. Water Works Permit 4. Building Permit	1. Environment Permit granted on September 18 th 2015. 2. Foreshore Development Consent waived on 1 st April 2016 3. Building Permit granted on 1 st April 2016	1. Environment Permit - expires in October 2016. 2. Foreshore Development Consent waived on 1 st April 2016 3. Building Permit – expires on 1 st April 2017	Possession of site granted April 2016 CLC established May 2016 No works have commenced yet
Litzlitz wharf	1. Environment Permit 2. Foreshore Development Consent 3. Water Works Permit 4. Building Permit	1. Environment Permit granted on September 18 th 2015. 2. Foreshore Development Consent waived on 1 st April 2016	1. Environment Permit - Expires in October 2016 2. Foreshore Development Consent waived on 1 st April 2016	NESPS Site Visit and Province HQ consultation June 2016 No works have commenced yet
Port Sandwich Jetty	1. Environment Permit	Environment Permit granted on	Environment Permit Expires	NESPS Site visit and community

	2. Foreshore Development Consent 3. Water Works Permit	September 18 th 2015.	October 2016	consultation in June 2016 No right of access No works have commenced yet
Loltong Jetty	1. Environment Permit 2. Foreshore Development Consent 3. Water Works Permit	Environment Permit granted on September 18 th 2015.	Environment Permit Expires October 2016	Site visit and consultation by VPMU staff June 2016 No works have commenced yet
Lolowai Jetty	1. Environment Permit 2. Foreshore Development Consent 3. Water Works Permit	Environment Permit granted on September 18 th 2015.	Environment Permit Expires October 2016	Site visit and consultation with Province and community June 2016 No works have commenced yet

C. Compliance With National Statutory Requirements

6. The VISSP has adopted and complied with all of the national statutory requirements, within this reporting period, and which are applicable to the host of activities and scope of works connected to the wharf sub-projects. Refer to Annex C for list of statutory requirements.

Within this reporting period, there have been no instances where the works and activities of the Contractor have been in breach of any of the identified legislation and regulations. There have also been no sanctions or penalties made against the Contractor or the VISSP as a whole.

II. MONITORING ACTIVITIES AND STATUS OF SAFEGUARD COMPLIANCE DURING REPORTING PERIOD

Monitoring of environment and social safeguard activities was conducted by the PIT through the following methods:

1. Spot checks
2. Baseline (benchmarking) of important conditions
3. Site visits
4. Inspection of the works, using checklists

VPMU reviewed the various safeguards monitoring reports prepared by the PIT safeguards team. These reports include:

1. Quarterly Progress Reports including updates on Gender Action Plan
2. Environmental reporting through the weekly checklist reports
3. PIT weekly reports
4. Minutes of meetings with PIT/Contractor
5. Minutes of CLC meetings

The tables below summarize the status of environmental and social compliance issues for each subproject during the reporting period as identified in the reports above.

Table 2.1 - Status of Environment Safeguards Compliance During the Reporting Period requirements

Sub –Project	Key environment safeguards Activities Implemented During the Reporting Period (Jul– Dec 2016)	Issues (if any)	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
South Paray wharf and channel	Environmental monitoring and supervision undertaken in respect of compliance with contractual mitigation measures. Site specific EMPs were not produced prior to commencement of works as required in contract so that SEMP checklists were not specifically developed (ie) inspections were based on general mitigation requirements as per contract.	1.South Paray Channel dredging SEMP and risk assessment required under CEMP and EP not submitted prior to dredging and wharf construction. 2.Water permit approved water quality monitoring plan not implemented properly by Contractor. Turbidity threshold limits exceeded and no	1.Contractor allowed to commence dredging under condition that SEMP and RA must be submitted 10 days after commencement. However, contractor failed to meet deadline and continued dredging. SEMP submitted 1 month after completion of dredging, no risk assessment included. 2.RE formally raised the	1, 2. Contractor has remained non compliant with contract and instructions from RE. 3.Issue remains unresolved 4,5 VPMU to apply for renewal/extension of permits	1,2,3 In future TL/RE to enforce contractual compliance using contractual penalties. 4,5 VPMU to apply for renewal/extension of permits asap.

Sub –Project	Key environment safeguards Activities Implemented During the Reporting Period (Jul– Dec 2016)	Issues (if any)	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
	Second coral monitoring Report submitted in November	<p>action taken as per Water Quality Monitoring Plan (WQMP). NES (authorized by RE to supervise WQMP) advised contractor on proper procedure and requirements of WQMP but contractor refused to take instruction or necessary actions at the time of water quality monitoring .</p> <p>3.Contractor’s monthly progress report Jul-Sep did not reflect environmental noncompliance issues raised by NES during site inspections eg)</p> <p>i).silt curtains either not placed correctly or not used resulting in high turbidity in sensitive areas and ii) action requirements when threshold limits exceeded.</p> <p>4. EP expired Sep 2016</p> <p>5. FDC expired Dec</p>	<p>issue with the contractor. Contractor instructed monitoring personel to follow NES instruction. However, compliance was not satisfactory.</p> <p>3. Despite repeated instructions from NES and RE, contractor failed to take necessary actions in a timely manner.</p> <p>4,5 VPMU yet to apply for renewal/extension of permits</p>		

Sub –Project	Key environment safeguards Activities Implemented During the Reporting Period (Jul– Dec 2016)	Issues (if any)	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
		2016			
Simonsen Wharf	Construction not yet commenced	1.Environment Permit expired on 17th November 2016 2.Foreshore Development Consent expired on December 2016.	VPMU yet to apply for renewal/extension of permits	VPMU yet to apply for renewal/extension of permits	VPMU to apply for renewal/extension of permits asap.
Lolowai	Construction not yet commenced	Environment Permit Expired September 2016	VPMU yet to apply for renewal/extension of permits	VPMU yet to apply for renewal/extension of permits	VPMU to apply for renewal/extension of permits asap.
Loltong	Construction not yet commenced	Environment Permit Expires September 2016	VPMU yet to apply for renewal/extension of permits	VPMU yet to apply for renewal/extension of permits	VPMU to apply for renewal/extension of permits asap.
Litzlitz wharf	Construction not yet commenced	Environment Permit Expires September 2016	VPMU yet to apply for renewal/extension of permits	VPMU yet to apply for renewal/extension of permits	VPMU to apply for renewal/extension of permits asap.
Port Sandwich	Construction not yet commenced	Environment Permit Expires September 2016	VPMU yet to apply for renewal/extension of permits	VPMU yet to apply for renewal/extension of	VPMU to apply for renewal/extension of permits asap.

Sub –Project	Key environment safeguards Activities Implemented During the Reporting Period (Jul– Dec 2016)	Issues (if any)	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
				permits	
Lenakel Wharf	Construction not yet commenced	Environment Permit Expires September 2016	VPMU yet to apply for renewal/extension of permits	VPMU yet to apply for renewal/extension of permits	VPMU to apply for renewal/extension of permits asap.

Table 2.2 - Status of Environment Social Safeguards Compliance During the Reporting Period

Sub –Project	Key social safeguards Activities Implemented During the Reporting Period (July – Dec 2016)	Issues (if any)	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
South Paray wharf and channel	Discussions with land owners to obtain MOU for wharf site and dredging area. Monthly meetings of Community Liaison Committees. Gender awareness plan	1.Construction delays due to protracted discussions for MoU. 2.December meeting not held during peak of dredging period when CLC wanted to discuss dredging issues. 3.Draft gender awareness plan (GAP) submitted by	1.MOU signed in October with both Paramount chief of Ifira Island and custom owners. 2.Not resolved at the time. 3.Contractor asked repeatedly to address comments and finalise GAP however, no action	1.None. but delays could have been mitigated if clear guidelines for discussion with communities were established. Eg) discussions frequently involved irrelevant issues. 2. Contractor did not acknowledge	1 Providing clear guidelines to communities as to scope of discussions and agreements so as to avoid discussing issues outside the scope of works. 2. RE emphasized importance of regular meetings with CLC.

Sub –Project	Key social safeguards Activities Implemented During the Reporting Period (July – Dec 2016)	Issues (if any)	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
		<p>contractor. Comments provided by PIT for additional details. Comments not addressed by Contractor. No finalised plan submitted to PIT for approval.</p> <p>4.Incidents of inappropriate social behavior by contractors staff towards women were reported to NES by female contractor staff. This included not giving attention to women’s health issues and other disrespectful behaviour</p>	<p>was taken. Contractor did implement some activities noted in draft GAP such as raising gender awareness issues at tool box meetings.</p> <p>4. NES raised this issue with RE and Contractor. Contractor refused acknowledge there was an issue.</p>	<p>importance of keeping community informed.</p> <p>3. GAP still outstanding.</p> <p>4. This issue could have been avoided if GAP properly co0mpleted and implemented.</p>	<p>3,4 Contractor to submit finalized GAP asap.</p>
Simonsen Wharf	During reporting period, no construction activities being undertaken, therefore no safeguards activities performed as yet, except for those undertaken during DDR preparation.	N/A	N/A	N/A	N/A
Lolowai					

Sub –Project	Key social safeguards Activities Implemented During the Reporting Period (July – Dec 2016)	Issues (if any)	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
Loltong	During reporting period, no construction activities being undertaken, therefore no safeguards activities performed as yet, except for those undertaken during DDR preparation.	N/A	N/A	N/A	N/A
Litzlitz wharf	During reporting period, no construction activities being undertaken, therefore no safeguards activities performed as yet, except for those undertaken during DDR preparation.	N/A	N/A	N/A	N/A
Port Sandwich	During reporting period, no construction activities being undertaken, therefore no safeguards activities performed as yet, except for those undertaken during DDR preparation.	N/A	N/A	N/A	N/A
Lenakel Wharf	During reporting period, no construction activities being undertaken, therefore no safeguards activities performed as yet, except for those undertaken during DDR preparation.	N/A	N/A	N/A	N/A

III. Grievance Redress

The only grievances raised during the reporting period were from the Matarau Tefeke (Octopus) clan who are owners of the South Paray area. The clan approached VPMU with letters requesting assistance with setting up a mechanism for long term management of South Paray Wharf (stevedoring operations) prior to giving consent for development. In response VPMU initiated a series of meetings to discuss the issue with the community which resulted in signing of a Memorandum of Agreement (MoA) with MIPU which assured the community of assistance from Government in meeting their requests.

IV. Stakeholder Consultations

Stakeholder consultations (Community Liaison Committee Meetings) were held on a monthly basis throughout the reporting period except for December 2016. Participants included representatives of various community groups including women, taxi boats associations, relevant government agencies, custom owners, tourism operators, Main issues discussed were awareness raising of dredging scope, requirements and potential impacts, environmental monitoring to be undertaken, updates on coral monitoring, grievance process and other business. The communities did express their concerns over the high turbidity visible in the area during dredging. These issues were addressed by VPMU and PIT with the Contractor, however the actions required were not adequately addressed by the Contractor. For future instances relating to such marine environmental incidents, the VPMU intends to bring to the attention of the Contractor, specific provisions of the EIA and SEMP for its compliance.

V. Summary and Conclusions

Wharf construction has commenced only on South Paray. No physical construction has commenced on all other wharf sites. The dredge channel sub-project commenced on the 14th November 2016 and is anticipated to be completed in early 2017. While all permit conditions are generally being adhered to, environmental permits require renewal and are being processed by the government authorities. A few environmental incidents and social incidents have been recorded and addressed with Contractor for actions to be taken. Contractor has yet to submit monthly progress reports providing detailed records of environmental and social incidents for the month for October, November and December 2016. The construction activity currently with a high environmental risk is the dredging of the channel at South Paray. The main environmental concern has been the management of turbidity resulting from the dredging of the channel. Community awareness sessions on dredging and associated environmental impacts were conducted with the CLC and relevant stakeholders and government agencies prior to the commencement of dredging.

APPENDIX A: Monitoring checklist

Vanuatu Inter-Island Shipping Support Project – Construction and Rehabilitation of Wharves and Jetties in Vanuatu Contract no: VISSP WO1/14
--

Environmental Monitoring Checklist

Project: _____

Section checked: _____

1	GENERAL	Yes/No	Remarks
1.1	The environmental responsibilities of all staff are documented.		
2	CONTRACTOR'S RESPONSIBILITY	Yes/No	Remarks
2.1	The on-site Supervisor is appointed as the Environment and Safety Officer (ESO).		
2.2	The ESO maintains a daily Site Diary recording all relevant matters concerning environmental management on the Site including protections and controls, audits, inspections, and related incidents.		
3	CONTRACTOR'S ENVIRONMENTAL MANAGEMENT PLAN (CEMP)	Yes/No	Remarks
3.1	CEMP prepared, implemented and maintained.		
3.2	The CEMP is incorporated as part of the Contractor's Project Quality Plan.		
3.3	No Site construction works proceeds until written approval of the CEMP.		
3.4	The CEMP is reviewed by the Contractor monthly and revised if necessary. Revised copies are issued to the Engineer for acceptance.		
4	ENVIRONMENTAL SITE INDUCTION	Yes/No	Remarks
4.1	The Contractor has documented and implemented a plan relating to the provision of relevant environmental site induction and training for Contractor's Personnel.		
4.2	Contractor maintains a record of meetings and register of attendants		

4.3			
-----	--	--	--

5	ENVIRONMENTAL REPORTING	Yes/No	Remarks
5.1	The Contractor immediately notifies the Engineer of incidents which cause or have the potential to cause unauthorised material or serious Environmental Harm.		
5.2	A process for the auditing of the project's environmental performance has been documented and implemented.		
5.3	Environmental and safety reports prepared and submitted.		

6	ENVIRONMENTAL AMENITY	Yes/No	Remarks
6.1	The Site is kept neat and tidy at all times.		

7	DISPOSAL OF REFUSE	Yes/No	Remarks
7.1	Adequate measures taken to ensure the sites of works and associated areas are maintained in a clean and orderly condition.		
7.2	Provision is made for the removal of sewage and rubbish, debris, surplus materials, etc for the tidy disposal, stacking and storing of materials.		
7.3	Food scraps are deposited in covered bins provided for the purpose.		
7.4	Bins are provided for garbage.		
7.5	Garbage collected and disposed of regularly.		
7.6	Solid, liquid and gaseous contaminants are disposed of in accordance with all statutory contractual requirements.		
7.7	All solid or liquid contaminants are stored in approved leak-proof containers for disposal.		
7.8	Sewage disposal is to the requirements of the relevant local Authority.		

8	EROSION CONTROL	Yes/No	Remarks
8.1	Measures employed that protect against any possible erosion of soil or materials such as gravel, sand or aggregates stored on Site from damaging the marine and surrounding environment.		
8.2	Sediment and erosion control plans developed and implemented with specific details relevant to each site.		
8.3	Erosion plans are submitted to the Engineer for approval before work commences.		

8.4	Erosion plans are regularly audited and updated and corrective action taken where necessary.	.	
-----	--	---	--

9 CLEARING		Yes/No	Remarks
9.1	Vegetation cleared only from designated Sites where materials are to be stored, camp set-up and waste material are stored.		
9.2	Steps taken to prevent erosion and re-establish vegetation.		
9.3	Silt traps or silt retention ponds used to ensure storm-water run-off from stripped are appropriately managed.		

10 MANAGEMENT OF NOISE AND DUST		Yes/No	Remarks
10.1	Practical precautions taken to minimise noise and dust resulting from work under the Contract.		
10.2	Construction equipment is fitted with noise suppressors.		
10.3	Audits undertaken to ensure that equipment is used so that noise is kept to a minimum.		

11 DREDGING		Yes/No	Remarks
11.1	Dredging is within allowed areas.	.	
11.2	Shore excavation is within allowed areas.		

12 FUEL STORAGE AND REFUELLING		Yes/No	Remarks
12.1	Fuel storage areas are located at an elevated location above high tide levels and any low flood level.		
12.2	Fuel storage areas and refuelling areas are within a bund walled area.		
12.3	Spills are trapped and collected and disposed of at a designated site.		
12.4	Plans in place to manage and mop up in the event of an accidental fuel spill.		

13 ENVIRONMENTAL COMPLAINTS		Yes/No	Remarks
13.1	Register maintained of all environmental complaints and incidents received or otherwise documented.		
13.2	Engineer notified of each complaint and incident.		
13.3	All environmental complaints and reports received are investigated and, where necessary, action taken.		

	measures undertaken to redress the matter.		
--	--	--	--

14 ENVIRONMENTAL INCIDENTS		Yes/No	Remarks
14.1	Appropriate action taken immediately to minimise any impact of any environmental incident.	.	
14.2	Engineer informed of any environmental incident.	.	
14.3	Any contamination caused by the construction works is cleaned up.		

Signed: _____

Legend:

N.A. – Not Applicable; N.C. – No Complaints; N.I. - No Incidents

APPENDIX B: Photographs

South Paray Wharf

Community Liaison Committee Meeting





Piling – South Paray Wharf



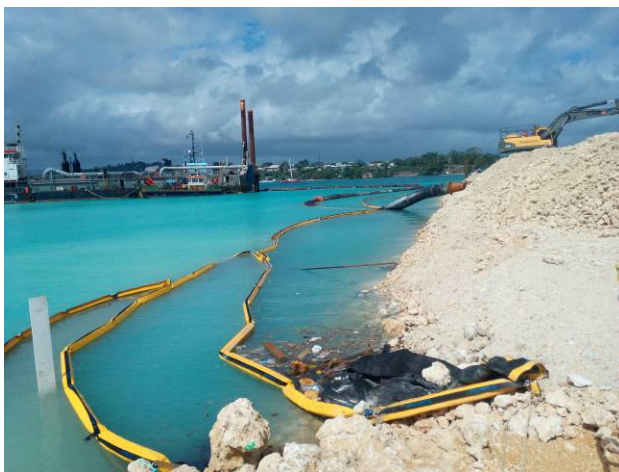
South Paray Dredge Channel



Reclamation Bund – South Paray Dredge Channel



Silt curtains – South Paray



National requirements:

- Environmental Protection and Conservation Act 2002 (CAP 283 the Environment Act)
- Environmental Impact Assessment Regulations Order no. of 2011
- Foreshore Development Act: Volume 90 (CAP 90), which requires the written permission of the Minister to approve any development on the foreshore or coast;
- Ports Act (CAP 26), no. 11 of 1998 and no. 32 of 1999. Volume 26;
- Health and Safety at Work Act; Volume 47 (CAP 195);
- Land Acquisition Act of 1992 and 2000 which establishes procedures to acquire land for public purposes or easements, including compensation for acquiring land;
- Preservation of Sites and Artefacts; Volume 39 (CAP 39);
- Control of Nocturnal Noise Act (Cap.40)
- Custom Land Management Act (gazetted in 2015);
- Mines and Minerals Act 1986 (all quarried material must be from approved quarries only);
- Mines and Minerals Act, Quarry Permit Regulation. Order No. 8 of 2005;
- Maritime (Conventions) Act;
- Employment (Amended) Act 2010; and
- Road Traffic (Control) Act

International obligations:

6. Vanuatu is a signatory to a number of international agreements. Listed below are some of the more applicable agreements to the dredging and marine activities:
 - The Convention on Biological Diversity (CBD); 1992;
 - The United Nations Framework Convention on Climate Change (UNCCD); 1992;
 - Agreement on International Dolphin Conservation Program – 2003;
 - Agreement Establishing the South Pacific Regional Environment Programme (SPREP); 2005;
 - Multilateral Treaty on Fisheries and Related Amendments; 2005;
 - The Stockholm Convention on Persistent Organic Pollutants; 2005;
 - International Convention for the Prevention of Pollution from Ships (MARPOL 73);
 - London Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter; and
 - Convention on the Elimination of all Forms of Discrimination Against Women