

Environmental and/or Social Monitoring Report

Semi-Annual Report
June 2018

VAN: Port Vila Urban Development Project

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

Semi-Annual Environmental and Social Safeguards Monitoring Report

Project Number: 42391

ADB Loan: .2832-VAN (SF)/G0275-VAN/G0276-VAN

Contract No. VAN005

PORT VILA URBAN DEVELOPMENT PROJECT

Period: January – June 2018

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

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APPENDIX

- A. Details of Sanitation and Hygiene Awareness and Education Program Undertaken during Reporting Period**
- B. List of National Statutory Requirements**

ACRONYMS

ADB	Asian Development Bank
CBD	Central Business District
CCECC	China Civil Engineering Construction Corporation
CEMP	Construction Environment Management Plan
CSF	Communal Sanitation Facilities
DDR	Due diligence report
DEPC	Department of Environmental Protection and Conservation
DSCD	Design and Supervision Consultant
EA	Executing Agency
EMP	Environment Management Plan
ESMO	Environment and Social Mitigation Officer
GKD	George Kalsakau Drive
GoV	Government of Vanuatu
HIV	human immunodeficiency virus
IA	Implementing Agency
IEC	Information Education Communication
IEE	Initial Environment Examination
KAP	Knowledge Attitude Practices
MIPU	Ministry of Infrastructure and Utilities
MFEM	Ministry of Finance and Economic Management.
MLNR	Ministry of Land and Natural Resources
MOU	Memorandum of Understanding

NGO	Non-Government Organization
PAM	Project Administration Manual
PHAST	Participatory health and sanitation
PSF	Public Sanitation Facility
PWD	Department of Public Works
PVMC	Port Vila Municipal Council
PVUDP	Port Vila Urban Development Project
R&D	Roads and Drainage
RI	Roughton International
RP	Resettlement Plan
SEMP	Site Environment Management Plan
SPS	Safeguard Policy Statement
STI	Sexual Transmitted Infection
STP	Septage Treatment Plant
TOT	Training of Trainers
USD	United States Dollars
VPMU	Vanuatu Project Management Unit
VUV	Vatu (currency)
WV	World Vision

I. INTRODUCTION

A. Background & Purpose of Report

1. The Port Vila Urban Development Project (PVUDP) under the ADB Loan: 2832-Van (SF)/G0275-Van/Go276-Van, commenced in February 2013. The Ministry of Finance and Economic Management (MFEM) is the project executing agency (EA). The Public Works Department (PWD) under the Ministry of Infrastructure and Public Utilities (MIPU) and the Department of Environmental Protection and Conservation (DEPC) are the key implementing agencies (IA). Project management is being delivered by the Vanuatu Project Management Unit (VPMU) assisted by the Design Supervision and Capacity Development (DSCD) consultant, Roughton International in association with Qualao Consulting Ltd (RI).
2. The DSCD was established in the latter part of 2013 and also consists of Gender & Community Participation Specialist (GCPS), Community Liaison Officer (CLO), an International Environmental Specialist (IES), National environmental Specialist (NES) and an International Resettlement Specialist (IRS).
3. 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.
4. This report is the fifth semi-annual Environmental and Social Safeguards Monitoring Report prepared for the PVUDP. 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).
5. A monthly environmental monitoring report of each sub-project is being provided by the DSCD IES and NES to the VPMU Safeguards Team. A quarterly social safeguards monitoring report is also provided by the GCPS to VPMU Safeguards Team. VPMU will then submit a semi-annual report to the government and ADB as part of its monitoring commitment under the project.
6. Since early August 2017 the ESMO role within VPMU has been vacant following the resignation of the incumbent officer. At the time of writing this report a replacement ESMO had not yet been appointed by VPMU. Since August 2017 the ESMO tasks have been undertaken by environmental consultants

(one international and one national) appointed in June 2017 to support the ESMO through a Grant funded under the Vanuatu Interisland Shipping Support Project. (See section V).

B. Description of the Project

7. The Port Vila Urban Development Project has been established to contribute to the sustainable urban development of Port Vila. The Project outcome will be the improvement of the infrastructure for Port Vila and the improvement of the mechanisms which are to assist the Government to efficiently manage its infrastructure. The outcome will be realized through the following Project outputs;

- Output 1 : The Government has improved the road network and drainage system in greater Port Vila.
- Output 2 : The Government has improved the sanitation system in greater Port Vila.
- Output 3 : Central area and settlement communities use improved hygiene facilities.
- Output 4 : Government agencies and community user organizations have the capacity to effectively and efficiently manage sanitation, roads, and drainage systems
- Output 5 : Efficient project management services will be provided.

8. The project is classified as category B for environment and category B for involuntary resettlement. Social and environmental safeguards due diligence following SPS and country safeguard systems has been completed and approved by the government and ADB.

9. The PVUDP comprises of the following sub-projects for civil works, as presented in the tables below;

Table 1. Description of Sub-Project

	Site	Scope of Sub-Project
1	George Kalsakau Drive (GKD)	Rehabilitation and upgrading of the existing GKD, including supply and installation of new drainage, new concrete kerb and channel, new coronous base-course to road pavement, new concrete pavement to carriageway and parking areas, new concrete speed-tables and disabled-access ramps, all road furniture and pavement markings.
2	Roads and Drainage Phase 1 (R&D Phase 1)	Road and drainage improvements; 13 km of roads and footpaths and traffic facilities and approximately 4.5 km of improved drainage, soakaways utilizing natural land depressions for detention and infiltration that have been designed to discharged into existing government land.

	Site	Scope of Sub-Project
3	Community Sanitation Facilities (CSF)	The CSFs are located in the urban and peri-urban areas of Port Vila. The approved sites are for refurbishment of 4 existing multi-purpose CFS (Seaside Paama, Seaside Futuna and 2 facilities for Seaside Tongoa, construction of 4 new CSF facilities (1 in Blacksands Tongariki and 3 small CSF facilities in Mele Waisisi).
	Community Engagement Facilities (CEF)	The CEFs are located in Port Vila settlements of Ohlen Nabanga and Tokyo Buninga. These are community constructed facilities; 9 semi-private toilet/shower blocks in Tokyo Buninga and 1 Community Hall with sanitation facilities in Ohlen Nabanga.
4	Septage Treatment Facility (STF)	The STF is located 9.8 km from the CBD. There is a need to improve the ability to hygienically and effectively dispose of and process sewage. A total area of approximately 2 hectares is required to construct 2 primary and parallel lagoons or pools to contain the sewage material.
5	Public Sanitation Facilities (PSF)	The PSFs are located public areas of Port Vila. The recommended and approved sites are for refurbishment of existing facilities at the Anti-natal Clinic at Vila Central Hospital (Maternity Ward works deleted from PVUDP at request of Dept of Health and transferred to Cyclone Pam Recovery Project - see ADB Aide Memoire 3 May 2018) and new facilities at Fatumaru Bay and Independence Park.

C. Compliance With Statutory Requirements

10. The PVUDP has adopted and complied with relevant in-country and donor safeguard requirements, within this reporting period, and which are applicable to all the sub-projects, namely the George Kalsakau Drive and Concourse, Roads and Drainage, Septage Treatment Facility, Community Sanitation Facilities and Community Engagement Facilities. Refer to Annex C for list of statutory requirements.
11. Within this reporting period, there has been one instance where the works and activities of Contractors has been in breach of the identified legislation and regulations (refer to Table 4 -Urban Roads and Drainage Phase 1 subproject – disposal of construction waste in an unauthorised location). This issue has not been properly addressed by the Contractor. Whilst there have been no sanctions or penalties made against the Contractor to date, VPMU is currently considering such action. A number of environmental/community safety issues have also been identified and raised with the Contractor for corrective action and/or explanation.

Table 2. Environmental Category

	Site	Category	IEE Submitted/Approved	CEMP Submitted/Approved
1	George Kalsakau Drive and Concourse	B	IEE approved by the DEPC on 3 rd August 2015.	CEMP Approved by Employer on 16 th May 2016. CEMP approved by the Resident Engineer on 29 th January 2016.
2	Roads and Drainage Phase 1	B	IEE approved by the DEPC on 8 th February 2016.	CEMP approved by the Resident Engineer on 18 th May 2016.
3	Community Sanitation Facilities	B	IEE approved by the DEPC on 16 th December 2015.	CEMP Approved by the Resident Engineer on 16 th May 2016.
4	Septage Treatment Plant	B	IEE approved by the DEPC on 15 th December 2015.	CEMP Approved by the Resident Engineer on 16 th March 2016.

	Site	Category	IEE Submitted/Approved	CEMP Submitted/Approved
5	Public Sanitation Facilities	B	Updated IEE approved by ADB 1 August 2017	CEMP Approved by Resident Engineer February 2018

Table 3. Involuntary Resettlement Category

	Site	Category	Resettlement Action Plan/Due Diligence Report Submitted/Approved
1	George Kalsakau Drive and Concourse	C	Due Diligence Report approved.
2	Roads and Drainage Phase 1	B	Resettlement Action Plan being updated to include confirmation of land acquisition for Manples detention pond (expected submission 3 rd Qtr 2018).
3	Community Sanitation Facilities	C	Due Diligence Report approved.
4	Septage Treatment Plant	B	Resettlement Action Plan approved.
5	Public Sanitation Facilities	C	Due Diligence Report approved

II MONITORING ACTIVITIES AND STATUS OF SAFEGUARDS COMPLIANCE DURING REPORTING PERIOD

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

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

Typically, monitoring consisted of a weekly joint site inspection with the contractor DSCD environment specialist and DSCD contracts manager using a checklist based on the approved CEMP for each subproject. Minor environmental issues were addressed on site with the contractor and more significant issues followed up after the inspection by a letter from the DSCD to the contractor. Contractor's environmental checklists are normally provided to the DSCD team after site inspections, although during this reporting period the Contractor frequently did not provide his monitoring checklists to the DSCD

For each of the five subprojects VPMU reviewed the various safeguards monitoring reports prepared by the DSCD's safeguards team. These reports include:

1. Gender reporting quarterly reports plus the annual GAP progress report in the updated format
2. Environmental reporting through the monthly checklist reports
3. UR&D access and consultation items captured in the DSCD weekly report.
4. UR&D safeguards issues captured in HELP DESK, particularly disputes and grievances
5. Community Liaison Committee meetings reported through circulated minutes

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 4. Status of Environment Safeguards Compliance During the Reporting Period

Sub-Project	Key environment safeguards Activities Implemented During the Reporting Period (Jan – Jun 2018)	Issues, if any	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
1a. George Kalsakau Drive (GKD)	GKD Project Completion Certificate issued 16 January 2017	None. Completion Certificate issued 16 January 2017	N/A	N/A	N/A
1b. George Kalsakau Drive Concourse (GKDC)	Monthly environmental monitoring using checklist. GKDC Practical Completion Certificate issued 3 March 2018.	None, Contractor has shown consistent compliance with CEMP.	N/A	N/A	N/A
2. Septage Treatment Facility (STF)	<p>Project completed Oct 2016.</p> <p>Six months maintenance contract completed 28 Feb 2018 and operations, maintenance and management handed over from VPMU to PVMC following 3 days training of PVMC staff by VPMU contractor 15-18 Feb 2018.</p> <p>VPMU reports that PVMC is operating and maintaining the STF well.</p>	<p>ADB Review mission Jan 2018 identified need for long term water quality monitoring of ATF to ensure the facility does not contaminate aquifer beneath STF or Teoma River</p>	<p>VPMU's IES assisted VPMU identify and procure a water quality monitoring specialist to formulate and implement a plan for long term monitoring of potential surface and ground water impacts of the operation of PVUDP's STF.</p> <p>An assessment has been undertaken and preliminary cost estimate to establish the groundwater quality monitoring program and monitoring infrastructure was completed 9 April 2018. The proposal includes a significant capacity building component to ensure GoV can</p>	<p>Procurement in progress.</p>	<p>VPMU / ADB currently reviewing proposal with a view to negotiating a contract for the work. It is anticipated that the WQ monitoring program will commence in second half of 2018.</p>

Sub-Project	Key environment safeguards Activities Implemented During the Reporting Period (Jan – Jun 2018)	Issues, if any	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
			implement an effective monitoring program over the long term		
3. Road and Drainage Project (R & D)	Monthly environmental monitoring using checklist.	<p>1. Unauthorised dumping of spoil at Vanuatu Institute of Technology (VIT) vacant land adjacent to cemetery. Not in accordance with contract and a risk to public safety. Contractor instructed to remove spoil to approved dump or seek contract variation and obtain necessary government approvals.</p> <p>Minor non-compliances (2-3)</p> <p>2. Silt/sediment management measures at times not adequately implemented.</p> <p>3. Construction waste not removed from site in timely manner giving rise to safety risks to public.</p>	<p>1. Not fully resolved. Contractor obtained Permit Approval from PVMC for spoil dumping at VIT site 8 Feb 2018. Permit included conditions for stabilisation of slope and installation of buffer zone between slope and cemetery to ensure sediment and rocks will not slide onto cemetery or adjacent footpath. DSCD prepared supplementary SEMP and included Permit as appendix. Whilst contractor appears to have undertaken remedial measures it is not clear whether or not the conditions of the permit have been fully met. Moreover, the contractor has not applied for or obtained a contract variation for change in spoil disposal location</p>	<p>1. Along with PVMC Permit Approval, Contractor needs to obtain a contract variation from Employer for alternative dumping site. To date Contractor has not applied for Contract variation.</p> <p>In view of above, VPMU has advised Contractor in two letters (27 March & 8 May 2018) to remove dumped spoil to contractually approved location (Bouffa landfill)</p> <p>2,3 Contractor requires periodic reminding of need to address these issues.</p>	<p>1. VPMU has advised Contractor in second letter dated 8 May that in view of no response to Employer's letter, as per Clause 2.5 of Conditions of Contract the Employer intends to initiate action to remove the materials and recover the associated costs through deductions from interim payment certificates, should the contractor not respond within 14 days.</p> <p>2,3 Continued vigilance on issues 2.3 by PIT environmental team is required to ensure Contractors improved performance is maintained through close coordination with Contractors safeguards team.</p>

Sub-Project	Key environment safeguards Activities Implemented During the Reporting Period (Jan – Jun 2018)	Issues, if any	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
			Issues 2,3, Following notification by PIT, contractor took remedial action		
4a Community Sanitation Facilities (CSF)	CSF completed 31 July 2017	None.	N/A	N/A	N/A
4b Community Engagement Facilities	Monthly environmental monitoring using checklist.	None. Monthly monitoring reports indicate Contractor substantially met CEMP conditions.	N/A	N/A	N/A
5. Public Sanitation Facilities (PSF)	Monthly environmental monitoring using checklist.	None. Monthly monitoring reports indicate Contractor met all CEMP conditions.	N/A	N/A	N/A
6. Water Quality Monitoring Program (WQMP)	Involvement in the Interagency strategy to undertake priority actions as raised in the May 2017 Final Water Quality Monitoring report (as reported in Semi annual Monitoring report Jul-Dec 2017).	Results of initial water quality monitoring undertaken in Port Vila Harbour in Dec 2017 by DoWR as the first action, confirmed the water quality monitoring results presented in the PVUDP WQM Final Report of May 2017.	In February 2018 DEPC took over responsibility from VPMU in formulating and implementing an action plan following on from the results of the water quality monitoring undertaken in Dec 2017. VPMU continues to be involved in the interagency working group.	N/A	N/A

Sub-Project	Key environment safeguards Activities Implemented During the Reporting Period (Jan – Jun 2018)	Issues, if any	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)

Table 4. Status of Social Safeguards Compliance During the Reporting Period

Sub-Project	Key Social Safeguards Activities Implemented During the Reporting Period (July - Dec 2017)	Issues, if any	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
Sanitation Hygiene & Awareness Raising	Refer to details attached in Appendix A	None	N/A	N/A	N/A
Gender & HIV Mainstreaming					
1a. George Kalsakau Drive (GKD)	GKD Project Completion Certificate issued 16 January 2017	None. Completion Certificate issued 16 January 2017	N/A	N/A	N/A
1b. George Kalsakau Drive Concourse (GKDC)	Works were substantially completed in March 2018 The Contractor was pro-active in terms of gender activity; hiring women as 2 of 9 labourers employed on GKD Concourse works. Contractor procured Wan Smolbag to conduct a Gender and HIV awareness in Q3 2017. DSCD team worked with Wan Smolbag to	The feedback from Aus HC, when received in Q1 2018 instructed DSCD and Contractor not to use the terms 'jenda' (gender in Bislama) and or 'ekwaliti' (equality in Bislama) as this is foreign terminology. The HC instructed DSCD to liaise with	Not fully resolved	Need to agree with all stakeholders what the appropriate Bislama language is for education and awareness on gender equality	The recommendation is for formal debate and open discussion between multiple stakeholders, which should ideally be driven by the Department of Women, to agree appropriate

Sub-Project	Key Social Safeguards Activities Implemented During the Reporting Period (July - Dec 2017)	Issues, if any	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
	develop a Gender Handout in Bislama for the awareness. Australian High Commission raised concerns regarding the Gender Handout. DSCD waited 4-months for feedback from the HC in order to revise and begin utilising the handout again.	Department of Women and Vanuatu Women's Centre. Those consultations identified that both organisations regularly conduct training using the terms 'jenda' and 'ekwaliti'. Consultation reflected that the backlash against the <i>outsider</i> terminology is a resistance presented by <i>bigmen</i> who are resistant to the very notion of equality between men and women.			Bislama language for education and awareness on gender equality.
2. Septage Treatment Facility (STP)	The Contractor substantially completed works at the STF in January 2017 and undertook maintenance and operation of the STF, which was opened in August 2017 and was handed over to PVMC in January 2018. PVMC hired the staff trained by the Contractor,. Two of the 4 staff are women.	None	None	None	None
3. Road and Drainage Project (R & D)	1. RMS coordinated one HIV/STI awareness on 24 April 2018 for RMS personnel and for the general public; To-date HIV awareness has reached 81 male and 15 female RMS personnel. RMS has supported HIV awareness reaching	1 None	1 None	1 None	1.None

Sub-Project	Key Social Safeguards Activities Implemented During the Reporting Period (July - Dec 2017)	Issues, if any	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
	<p>members of the public; 114 women and 58 men. Condoms and IEC materials are available at all times at the RMS workshop.</p> <p>Condoms and IEC materials are now available at Manples Market and are available at all times at the RMS workshop.</p> <p>2. RMS has been proactive in providing employment opportunities for women, with 14.5% of Ni-Vanuatu personnel being women and 12.4% of total personnel being women during the reporting period. Ni-Vanuatu women employees have received training as traffic controllers as well as on the job skills training in setting concrete, using road compaction machinery and levelling footpaths.</p>	2. None	2. None	2 None	2 None
4. Community Sanitation Facilities (CSF)	<p>1. External audit of the works conducted in Q4 2017, revealed a range of minor and major defects. A Proposed Defect Rectification report was presented to VPMU in January 2018.</p> <p>2. The CSF in Mele Waisisi was handed-over to the community in April 2018 at an unofficial</p>	<p>1.DSCD is awaiting an instruction from VPMU on the preferred course of action to rectify the CSF defects.</p> <p>2. Mele Waisisi community faced an eviction notice in June</p>	<p>1.DSCD is awaiting an instruction from VPMU on the preferred course of action to rectify the CSF defects.</p> <p>2. Authorities quashed the eviction, but only in the 11th hour, after the</p>	<p>1.DSCD is awaiting an instruction from VPMU on the preferred course of action to rectify the CSF defects.</p> <p>2. Men remained behind, living in tents and sleeping</p>	<p>1.DSCD is awaiting an instruction from VPMU on the preferred course of action to rectify the CSF defects.</p> <p>2. The lawyer for the community has advised that they</p>

Sub-Project	Key Social Safeguards Activities Implemented During the Reporting Period (July - Dec 2017)	Issues, if any	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
	ceremony involving 59 women and girls and 32 men and boys.	<p>2018. This was reported to VPMU through a briefing note in February 2018. The eviction notice was not caused by the project but rather the result of an ongoing historical dispute over chiefly title between two tribal clans. There had been previous eviction notices against that community prior to the project</p> <p>A visit to the community in early July found the sanitation facility very well maintained with water still on.</p>	community had already demolished their homes and moved out building materials and belongings.	in the community hall.	not rebuild until damages have been assessed.
5 Community Engagement Facilities (CEF)	1.Works in Tokyo Buninga Muneta began with delivery of materials in March 2018, to construct 6 new CEFs and improve 3 existing facilities. Q1 2018 community survey identified that the improved sanitation will directly benefit 121 adults (27 men, 27 married women, 5 widows, 6 single mothers), 44 youth and 67 children.	<p>1.None</p> <p>2. The Ohlen Nabanga Paramount Chief died in late February 2018, which required a 3-weeks work stoppage. Approximately 9 working days were lost in March due to public holidays and bad weather. Further delays were</p>	<p>1. None</p> <p>2. The DSCD national works supervisor trained a new group of young men to continue works in June 2018 and this group constructed the ceiling</p>	<p>1.None</p> <p>2. PVUDP no longer has a national works supervisor nor a community supervisor such that at the time of writing there is a lack of supervision on-site and works</p>	<p>1. N/A</p> <p>2. In July 2018 a briefing note was presented to VPMU outlining options for completion of the project at Ohlen Nabanga.</p> <p>3. None</p>

Sub-Project	Key Social Safeguards Activities Implemented During the Reporting Period (July - Dec 2017)	Issues, if any	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
	<p>2.CEF Construction works at Ohlen Nabanga were at a stand-still from mid-August to mid-November 2017. The details of the delay were documented in the Q3 2017 report. There was a 1-month works stoppage for the Christmas period mid-December 2017 to mid-January 2018.</p> <p>3.First Aid kits and instruction on the use of the kits were provided to Ohlen Nabanga through Shefa Provincial Health and to Tokyo Buninga Muneta through a Nurse practitioner. Boots and safety glasses and hard hats have been provided to community labourers. The DSCD national works supervisor provided regular 'tool box' sessions on the correct and safe use of power tools and equipment storage.</p>	<p>caused when materials were not available at the site.</p> <p>An internal leadership dispute, at Ohlen Nabanga, may have been a contributing factor in the departure of the Community Chairman, who served as community works supervisor. After the departure of the Chairman the majority of the volunteer labourers abandoned the site.</p> <p>3. None</p>	<p>knockings and window frames.</p> <p>3.None .</p>	<p>are no longer progressing.</p> <p>3. None</p>	
6. Public Sanitation Facilities (PSF)	Works commence in Q1 2018. Scope of works at Vila Central Hospital were altered as Ministry of Health decided to undertake a complete refurbishment of the Maternity Ward with funds under the TC Pam Recovery Program. PVUDP was advised that assistance would not be required at Maternity Ward and works were	None	None	None	None

Sub-Project	Key Social Safeguards Activities Implemented During the Reporting Period (July - Dec 2017)	Issues, if any	How They Were Resolved?	Outstanding Issues, if any	Way Forward (How, who and when)
	<p>designated strictly to the Family Health Clinic.</p> <p>The PSF site at Independence Park was established in February 2018. Completion of the project was stalled while awaiting imported materials. Unfortunately the site was not completed in time for Independence Day celebrations.</p> <p>Wan Smolbag was contracted by Downer to implement HIV awareness to work force and the public in April 2018. There are 3 salaried staff (all male) employed with Downer and 6 sub-contractor staff (1 female and 5 males). A Gender Action & HIV report was submitted by Downer in Q2 2018.</p>				

III. GRIEVANCE REDRESS ISSUES

No grievance redress issues arose during the reporting period.

IV. STAKEHOLDER CONSULTATIONS

DSCD developed a communications strategy, which is implemented to ensure that the general public, government departments and the private sector are fully aware of the project objectives and progress against outcomes. Key activities being implemented within the strategy include; newsletters and two public notice boards. A newsletter has not been produced since February 2018. VPMU are the point of contact with the media and implement a radio program and engagement with the news media.

In February the DSCD team undertook consultations with a number of stakeholders regarding the location and operation of the temporary asphalt plant at the Ex- MCI Quarry site. Those consulted include Assistant community chief of Nikinepen Community, Chief of Tekapu II Community and Mr John Tanner of South Seas Shipping Co. Those consulted advised that they had no objection to the location and operation of the asphalt plant and requested that further information on the operation in terms of timing etc be advised to the communities nearer the time of operation.

Traffic Awareness Consultant (TAC) was recruited in Q4 2017 to improve and broaden the reach of the UR&D PH1 traffic awareness campaign. A detailed plan and budget was developed for implementation in Q1&2 2018. The campaign was put on-hold in Q2 2018 but is likely to be re-started in Q3 2018.



Infrastructure and priorities change for Stade intersection were originally planned for implementation in March 2018, as agreed by the contractor RMS. DSCD developed an information handout in 3 languages which was distributed through:

- a) OGCIO network of 3000+ employees
- b) Design and traffic notice printed in the Daily Post
- c) Email network of 450+ direct recipients
- d) VCCI e-distribution

The contractor did not implement the changes for Stade Intersection in March and the substantial works for the intersection were completed in June 2018.

A Traffic Management Task Force was established by VPMU in July 2017. Q1 2018 Task Force meeting (involved 7 males and 3 females).

In 2017 VPMU and Police agreed to finalize and sign an MOU to formalize support and protection for traffic controllers. DSCD are still awaiting the signing of the MOU between Police and VPMU.

A table of notices sent out during the reporting period in respect of road works and closures is provided below.

PVUDP UR&D PH1 Traffic Notices Jan – June 2018

Date of Notice	Subject	Info presented	Media
17 January 18	Notice of upcoming works at Freshwater intersection	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
19 Jan 18	SMET Junction road/shoulder closures	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
24 January	Notice of upcoming works at Freshwater intersection	Visual presentation of design of new roundabout	-OGCIO network of 3000+ GoV employees -Design and traffic notice printed in the Daily Post -Email network of 450+ direct recipients - VCCI e-distribution
24 Jan 18	road closures to accommodate UNELCO work	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
26 Jan 18	Road & shoulder closures at multiple locations	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
27 Jan 18	Road closure at Freshwater Intersection	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution

			-printed in Daily Post
2 Feb 2018	Closure in front of Stanley Imports	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
7 Feb 18	Essah/Tebakor to European Corner/Melcoffee	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
9 Feb 18	Multiple locations	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
12 Feb 18	Essah intersection at Tebakor to Coral Motel; and Stade intersection to Freswota Roundabout	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
10 March	Changes to STADE intersection	Handout showing revised design of intersection & info in 3 languages	-OGCIO network of 3000+ GoV employees -Design and traffic notice printed in the Daily Post -Email network of 450+ direct recipients - VCCI e-distribution
21 April 18	Stade Intersection road closure	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
20 April 18	Stade Intersection road closure	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
4 May 18	Stade Intersection road closure	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
7 May	Stade Intersection road closure	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
9 May 18	Stade Intersection road closure	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
11 May 18	Stade Intersection road closure	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
5 June 18	Manples overview of works commencing	Introducing the nature of works	-Email network of 450+ direct recipients - VCCI e-distribution
8 June 18	Manples road closure	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution

12 June 18	Commencement of works at Manples	Introducing the nature of works	-Printed in Daily Post
12 June 18	Manples road closure	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
15 June 18	Manples road closure	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution
25 June 18	Manples road closure	Info with time and dates of closures	-Email network of 450+ direct recipients - VCCI e-distribution

V. INSTITUTIONAL STRENGTHENING AND TRAINING

ADB commenced provision of environmental safeguards support to PVUDP (and other VPMU projects) through a Grant funded under the Vanuatu Interisland Shipping Support Project (VISSP). Under the Grant an international environmental specialist (IES) and a national environment specialist (NES) were engaged by VPMU in June 2017 for 7 months and 12 months input over 14 months respectively. The purpose of the assignment is specifically to build capacity in implementation of environmental safeguards within VPMU and the various projects under its purview.

During the reporting period VPMU’s IES supported the PVUDP environmental team in the following activities:

- Provided support to VPMU in following up on key findings of PVUDP Water Quality Monitoring Final Report (WQMFR) and assisted National Project Manager in initiating WQMFR priority recommendations for actions among relevant government stakeholders (DEPC, DoWR PVMC).
- Provided advice to PVUDP env safeguards team in responding to environmental non compliances eg) unapproved change in spoil dump site by contractor and associated noncompliance with fill placement method
- Supported PVUDP env safeguards team in stakeholder consultations in respect of site for Asphalt plant as well as obtaining PEA.
- Provided ongoing support to PVUDP environmental team in streamlining new monitoring procedures.
- Participated in meetings to address community grievances regarding projects eg) PVUDP Asphalt Plant location,
- Mentoring VPMU national environment specialist in undertaking site inspections and reporting on environmental compliance of contractors.
- Ongoing coordination with VPMU technical staff on safeguard issues and development partner safeguards requirements including procedures and process.
- Participation in progress meetings to report and obtain information on safeguards issues including advice on problem solving as required and safeguards requirements in general. This has provided the opportunity for the VPMU safeguards team to raise awareness of

environmental issues with technical teams on current issues as well as identifying potential future issues with an opportunity to find proactive solutions.

- Sharing of examples of good practice and lessons learned across all VPMU project implementation stakeholders (VPMU staff & consultants, PITs and Contractors)
- Assisted VPMU identify and procure a water quality monitoring specialist to formulate and implement a plan for long term monitoring of potential surface and ground water impacts of the operation of PVUDP's STF.
- Reviewed various safeguards reports prepared by PIT and provided comments as needed.

VI. SUMMARY AND CONCLUSIONS

Overall, there has been continued environmental compliance by the Contractor. That being said, a significant breach in contract conditions by the Contractor remains unresolved in respect of the unauthorized dumping of spoil at the VIT site. This includes i) no permit for the development of the site including placement of fill, ii) no provision in the contract for spoil disposal at sites other than Bouffa landfill, iii) irregularities in the Contractors land use agreement with VIT and iv) disposal methodology does not comply with specified contract requirements for embankments. VPMU is supporting DSCD in enforcing contractual requirements in respect of this issue.

In late 2017 VPMU initiated an action plan with concerned government agencies following the WQMP Final report's findings and recommendations related to the widespread detection in the harbor of bacteria concentrations of concern. In February 2018 DEPC took over responsibility from VPMU formulating and implementing an action plan following on from the results of the water quality monitoring undertaken in Dec 2017. VPMU continues to be represented in the interagency working group responsible for implementing the action plan.

VPMU have been assisting ADB in formulating a plan for long term monitoring of potential ground and surface water impacts of the operation of the STF. A water quality monitoring specialist was identified who subsequently prepared a proposal for the work. The proposal is currently under review by VPMU and ADB.

Monitoring of social safeguards issues including implementation of the GAP by the DSCD social safeguards team has been robust throughout the reporting period. A separate independent GAP has been prepared for further reference. Key achievements include:

- a) **Consultation Informs Design:** Extensive consultation with key stakeholders has ensured that the voice of women, as well as men, has informed every step of project development; from site selection for community and public sanitation facilities to the initial design and subsequent revision of designs for both CSF and PSF. Persons living with disability have played a key role in sight inspections to ensure that facilities are fully accessible.
- b) **Maximising Women's Employment:** Overall employment under the project has seen 19% women's employment. There have been 125 men and 30 women employed under 6 construction contracts to-date on the project, which represents an overall number of 20% women's employment.

- c) **HIV Awareness:** All 5 construction contractors have complied with their responsibility to conduct HIV awareness through an authorised provider. To-date HIV awareness under the project has reached 531 men and 463 women including contractor personnel, community members and the general public.

- d) **Hygiene & Sanitation Awareness and Education:** The project has actively engaged with 7 target communities consistently over the last 4 years with an overall education and awareness program reach to date (31 June 2018) of 2960 women, 1846 men, 3181 girls and 3265 boys. Solid waste management has been greatly improved in all target communities with sanitation committees collecting and removing 32 truckloads of oversize solid waste from the communities during the reporting period.

Key challenges include: i) incidents of physical and verbal abuse of female traffic controllers in respect of Output 1 and ii) Serious social safeguards issues with regard to the CSF contractor, David's Construction namely. noncompliance with the labour laws of Vanuatu or the VNPF Act. Evidence suggests that the Contractor paid employees less than minimum wage and failed to provide employees with employment contracts. Available data indicates that the Contractor failed to fully comply with VNPF registration and may have underpaid VNPF contributions by as much as 33%. iii) Outstanding serious defects in the CSFs following practical completion of works.

Actions proposed/undertaken to address these issues include: issue i) DSCD has recommended that a Memorandum of Understanding between police and VPMU be drafted in regard to systematic protocols for traffic control incidents: Issue ii) It was recommended in the post contract review the Government of Vanuatu should not engage David's Construction in any future development projects. Issue iii) A defects rectification briefing note was submitted on 22 Jan 2018 which presented four options: 1 – terminate the Contractor's contract and utilize the retention monies to engage another contractor to rectify the defects in total; 2 – terminate the Contractor's contract and utilize the retention monies to engage another contractor to rectify the defects in the most practical and cost-effective manner, for example re-plumbing the work rather than replacing the existing within walls and floors; 3 – require the Contractor to rectify the defects by engaging a registered tradesman at his cost to ensure that proper trade standards and practices are achieved – tradesman to be approved by the Project Manager; and 4 – require the Contractor to rectify the defects. At the end of the reporting period (30 June 2018) no decision had been taken regarding the four options outlined above.

APPENDIX A: Details of Sanitation and Hygiene Awareness and Education Program Undertaken during Reporting Period

A. January – March 2018

1. The project continues to provide capacity building support, training and education to 7 target communities through the Community Support and Training Officer (CSTO), a role which was established as part of the DSCD team in October 2016. The CSTO works closely with the 10 sanitation committees (SCs) as well as with the wider community. Key achievements and consultations for Q1 2018 are summarised below;
2. Membership in the SCs sits at 70 women and 44 men serving in 10 committees.
3. CSTO supported the SCs financial management and roles and responsibilities training involving 93 women and 60 men in this first quarter of 2018. All but 1 of the SCs are now providing quarterly reports to the wider community. In 2 communities there have been accusations of misuse of funds by leaders and DSCD continue to support discussions and finance training in an attempt to improve financial controls for the SCs.
4. Anecdotal reports from committee members reflect that they are seeing improved hygiene among both children and adults. Children are “fighting over showers in the evenings” as they are now enjoying taking their evening shower. The two communities which are still undergoing construction of community engagement facilities report that “its rare to see people washing their hands after using the bush toilet because of the lack of water tubs near the bush toilets”.
5. While personal hygiene and solid waste management have improved, observation of the sanitation facilities show that committees are struggling to keep the facilities to a high standard of cleanliness. However, the current standard is still a significant improvement from the pre-project hygiene standard.
6. Hygiene and sanitation awareness movie nights were a big success in all 7 target communities this quarter with 285 women and girls and 220 men and boys in attendance. Movie nights provide a great opportunity for the sanitation committee to engage with the wider community to discuss the importance of financial support of the facility, good hand washing and personal hygiene and solid waste management.
7. Overall sanitation and hygiene education program reach to date:
 - The overall sanitation and hygiene program reach to date (31 March 2018) is 2847 women, 1777 men, 3154 girls and 3230 boys.

B. April - June 2018

1. The project continues to provide capacity building support, training and education to 7 target communities through the Community Support and Training Officer (CSTO), a role which was established as part of the DSCD team in October 2016. The CSTO works closely with the 10 sanitation committees (SCs) as well as with the wider community. Key achievements and consultations for Q2 2018 are summarised below;
2. CSTO supported Sanitation Committees (SCs) in financial management and all but 1 of the committees presented a quarter 1 finance report to the wider community. All SCs are collecting either weekly or monthly contributions to operation and maintenance costs from facility users.
3. Sanitation Committees are beginning to tackle both minor and major maintenance issues, with Seaside Paama having replaced stolen shower heads. Seaside Tongoa building 2 was experiencing overflow of waste water running down the hill towards their community hall. The community plumber discovered that the sewer pipes were running to the old, defunct septic and had not been piped to the newly constructed septic. This installation defect was corrected by the community. Shower push-taps, which were installed but did not meet the specifications, have begun to fail, with water running from the shower head continuously. The community has, in some instance, installed a second tap at the shower head and in another they have broken the tile work to remove the push tap and install a simple garden tap handle.
4. The Sanitation Committees have been equipped with a desk and chair, lockable cash box, calculator and financial reporting templates. SCs have also received cleaning equipment, rubber boots, garden hose, rubber gloves, etc. Initial supplies of cleaning products have not been replaced in some communities, while others are continuing to purchase industrial cleaning products.
5. CSTO led another large-scale removal of solid-waste in the target communities, in preparation for the Klin Komuniti Kontest, which was cancelled on instruction from VPMU. However, there were 32 truck-loads of over-size solid waste hauled from target communities to the dump at Bouffa. Communities are visibly cleaner and all have planted flowers around the facilities to further beautify areas, which were formerly very poorly maintained and unsanitary. The significant reduction in solid waste is expected to reduce rates of dengue as well as rat and cockroach borne illnesses.
6. Overall sanitation and hygiene education program reach to date:
 - The overall sanitation and hygiene program reach to date (31 June 2018) is 2960 women, 1846 men, 3181 girls and 3265 boys.

APPENDIX B: List of Statutory Requirements

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:

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