



VPMU Quarterly

Delivering Services through Partnership / Rendre Service à travers le Partenariat



Photo Credit: Philippe Metois

MAY | JUNE 2016

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Photo Credit: Daily Post



Welcome!

Vanuatu Project
Management Unit
(VPMU) comes

directly under the Prime Minister's Office. The Unit was established in 2012 through a Council of Minister's resolution, specifically to manage and administrate major government infrastructure projects; and to coordinate and facilitate project funds between government and its various funding partners.

The material you have in your hands is a product of our team at VPMU. VPMU Quarterly is produced by our Communications team. It is an effort aimed at telling the stories and impacts of some of our projects on Vanuatu residents, without whom concrete pavements, metal sheet piles, steel rods or heavy earth moving machinery and equipment form just one part of the story.

As you can appreciate, VPMU is responsible for managing and providing oversight duties over more than Vt26 billion-worth of infrastructure projects. They include the Vanuatu Tourism Infrastructure Project (VTIP), Port Vila Lapetasi International Multi-Purpose Wharf Project, Port Vila Urban Development Project (PVUDP), Vanuatu Aviation Investment Project (VAIP) and Vanuatu Inter-Island Shipping Support Project (VISSP).

These are no small tasks by any stretch of imagination, especially given the size of the Unit and the human resources at its disposal.

VANUATU TOURISM INFRASTRUCTURE PROJECT



Port Precinct

Scope

Main Wharf Eastern Entrance:

- New tourism building at the main wharf eastern gate for cruise ship visitors and port security staff.
- Refurbishment and reinstatement of existing port gates.
- Footpaths and pedestrian crossing inside the port gates to improve safety.
- Landscaping, seating and lighting improvements.

Progress Update

Phase 1 – Tourism Building:

- Commenced work on the 16-meter retaining wall.

Cont. pg3

Our funding partners and donors, apart from the Vanuatu government include Australia, New Zealand, Japan, and multi-lateral institutions and/or agencies such as the World Bank, Asian Development Bank and Enhanced Integrated Framework (EIF) – all of whom collaborate to translate government policies and aspirations into tangible outcomes that aim to bring about economic benefits and enhance the social wellbeing of our people and residents alike.

This year, the VPMU team is delighted to confirm that key projects are finally getting off the ground. They include the Vt10 billion-valued Port Vila Lapetasi International Multi-Purpose Wharf Development Project, the Vt1.4 billion Vanuatu Tourism Infrastructure Project, the Vanuatu Inter-Island Shipping Support Project (Vt5 billion), the long awaited Port Vila Urban Development Project (Vt4 billion), and Vanuatu Aviation Investment Project (Vt6 billion), of which initial emergency repair works by New Zealand contractors, Fulton Hogan, were completed on April 18th.

While Vanuatu has been severely battered; and still reeling from the impacts of tropical cyclone Pam and the El Nino effects, we have no doubts about the country bouncing back economically once all key infrastructure projects are successfully completed and fully utilised. Already, economic forecasts indicate the economy will achieve 3.8% growth rate by 2017, thanks to these infrastructure projects and others.

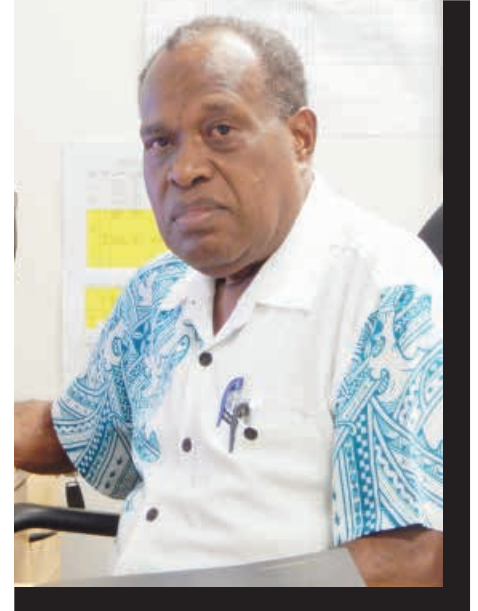
Undoubtedly, members of the public and visitors can look forward to a much more

improved image of Port Vila come 2018 and onwards; with the Port Vila beautification project nicely shaping up, and the bumpy-potholed-roads of Port Vila finally being given a new lease of life.

In addition, business and trade can also expect a major boost once the new Lapetasi multi-purpose wharf is completed; hopefully by October 2017.

We are confident Vanuatu can live up to its billing as the pearl of the South Pacific region!

Happy Reading.



Johnson Wabaiat

Program Director
VPMU

Bauerfield Ready

The Government of Vanuatu is committed to a full rehabilitation of Bauerfield airport, even to meet code E specifications to cater for long-haul flights.

This direction was made clear on 5th of May at the official opening of the runway to mark the completion of the short term repair works and to declare Bauerfield fully operational and ready for business, at least for the next 12 months.

The ceremony was witnessed by Prime Minister Charlot Salwai, his Deputy Joe Natuman, and Minister for Infrastructure and Public Utilities Jotham Napat, as well as other government ministers and dignitaries. Acknowledging the failures of successive governments, which resulted in the abject neglecting of Bauerfield maintenance and rehabilitation, Natuman reaffirmed the observations of the Civil Aviation Authority Director Joseph Niel that the Government

could not afford to repeat the same mistakes.

Since the conclusion of the short term repairs on April 18th by New Zealand contractors Fulton Hogan, the Government has since proceeded to appoint an Airport Taskforce to finalise negotiations with the World Bank on the USD59.8 Million Phase II loan.

Included in the second phase will be development of an Aviation Sector Strategic Plan and an Airports Master Plan to enable a coordinated and structured planning, preparation with the implementation of full code E upgrades for Bauerfield and Pekoa; as well as the upgrading of Whitegrass to receive international flights from ATR aircrafts.

Minister Napat told the gathering of over 100 – ranging from hoteliers and tourism operators to donor partners and government..

Cont. pg4

- Works for the tourism building are currently under review due to the location of underground services.

Works Expected This Month Phase 1 – Tourism Building:

- Repairs to the existing port gates continuing.
- Tourism Building pre-cast concrete wall panels underway.



Fatumaru Bay Park

Scope

Chantilly's to Anchor Inn:

- Upgrade to Fatumaru Bay Park open spaces and provide access to the water.
- Upgrade landscaping, lighting, furniture and playground.
- Protect the coastal edge with a rock revetment to minimise erosion.
- Resurfacing carpark opposite TVL House.
- Improved drainage through the park.

Progress Update

- Coastal protection rock revetment completed in the 40-meter section from Chantilly's.
- First rock pool complete.
- Footpath widening along the length of Fatumaru Bay Park underway.
- Concrete poured in Foundation for sea access steps commenced.
- Fatumaru Bay Park children's playground demolished.



Seafront Park

Progress Update

Seafront Park (Near Nambawan Cafe):

- Site marked out for the small market house and new public toilet. Timber decking almost complete. Landscaping coral chip laid behind Nambawan Cafe building.
- Park bench (seats) and landscape screen footings complete.
- Car park (Healthwise to the Sea wall) excavation complete.
- Foundation work for carpark kerbing underway.

dignitaries that the second phase will see full upgrading of the runway, taxiway and aprons including navigational aids, as well as increasing of fire safety equipment from category 7 to category 8.

"Two years ago one could not possibly contemplate bringing in long hauled flights to Bauerfield due to surrounding geographical limitations.

However, with improvements on aircraft performance and the proliferation of Performance Based Navigational aids have overcome terrain limitations at all weather conditions," said Minister Napat.

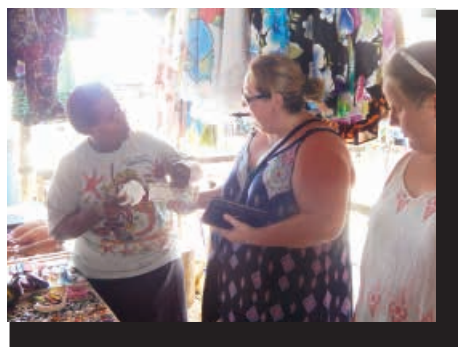
Based on advice the Government has received, the Boeing 787 aircrafts could operate out of Bauerfield without limitations on payload and passengers with

destinations such as Los Angeles, Beijing, Tokyo, Hong Kong, Manila, Singapore and Jakarta in sight.

The Government was especially appreciative of the support of all stakeholders, particularly the tourism industry for their patience since the events of 2015 and earlier this year which resulted in the cancellation of flights.

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Making every vatu count



"Rebecca knows all about the high cost of living in Port Vila and managing meagre resources..."

Rebecca Bule was among 87 mamas who were relocated to the vegetable market in downtown Port Vila following the devastations caused by cyclone Pam in March 2015, which destroyed their handicraft market stalls next to Nambawan Cafe.

She now watches with keen interest progress being made at the Vanuatu Tourism Infrastructure Project (VTIP), which will deliver two new mamas market – apart

from the beautification works of the Port Vila Seafront areas, Fatumaru Park and the coastal rock revetments.

She hopes that she would be one of the lucky mamas who will have a proper place soon in one of the two new handicraft market stalls. Both handicraft market buildings under VTIP will have rooms for up to 50 mamas. While the room spaces would be much less than the number of mamas needing decent rooms to showcase their handiworks to tourists, they definitely promise far more cleaner and attractive spaces, to allow vendors flexibility to display their products.

As the sole breadwinner for a family of seven, Rebecca knows all about the high cost of living in Port Vila and managing meagre resources; and might even tell you a thing or two about how it feels to pull the financial strap tighter so that the family can make ends meet.

As a reflection of her ingenuity, in 2008, she bought a land at Erangorango where she and her husband cultivate all their food and supplements these days.

"For me it's simple. I live locally and eat locally. It makes a world of difference.

"Handicraft and tourism business for most mamas is quite competitive, especially when tourist numbers have dwindled since mid-2015," she said, when asked to describe how she copes during such a difficult period.

"But it is about creativity and making full use of your God-given talents.

"As an artist, I am able to add value to many of my products," she says, pointing to a shaker she bought from a Chinese shop in downtown Port Vila; colourfully decorated with her own designs.

All her products; even if not 100% original, have her trademark paintings. She is clearly a hardworking mama.

Progress Update

Seafront Park (Near Seafront Stage):

- Pre-casting of concrete panels for the sea wall is progressing.
- Founding concrete laid for work platform in preparation for pouring concrete inside the sea wall.
- Plugging of holes; reinforcement of exposed steel sheet piles and approximately 30 meters of concrete poured on the landside of the seawall.
- Stage ramp walls poured; some remedial works underway.
- Stage stairs foundations, columns and beams complete.
- Park works near the stage commenced with mound steps poured.
- UNELCO have installed new service connections (power) into the seafront park.

Monitoring and Evaluation at VPMU



One may ask, what is M&E and how is it important to VPMU? VPMU's M&E officer *Simon Tor Bebe* answers this and provides further insights into what is an important project management tool, project by project.

Effective monitoring and evaluation (M&E) is important for evidence-based planning and decision making at the Vanuatu Project Management Unit (VPMU). It also promotes transparency, accountability, and learning. Monitoring and Evaluation, is a project management tool which measures project results in terms of outputs, outcomes and impacts. Monitoring is defined as: "A continuing function that uses systematic collection of data on specified indicators to provide management and the main stakeholders of an ongoing development intervention with indications of the extent

Cont. pg5

"I make every minute count because time is precious to me," says Rebecca but also praising the efforts of all mothers at mamas market.

"Look at these mamas. They all put food on the table every single day and even pay for home expenses, including water and electricity," she says.

Rebecca does not even regret having to decide in 2014 with her husband – a TV technician with the national broadcaster that he resigns to help out with her handicraft business.

"Each evening after family worship and the kids have had their meals and gone to bed, we stay up late to finish whatever paintings that need to be completed before the next day.

"From the income we make we're able to afford all our children's school fees," she adds. And these are by no means small amounts. "We pay Vt100, 000 per term for our child's education at the NTM College, which offers Australian standard education. That's like Vt400, 000 for a whole year.

"Then we pay Vt20, 000 per term for our second child; Vt31, 000 for our third and a further Vt20, 000 per term for childcare for our last born child," she says with a smile.

One of VTIP's key goals is to contribute to a buoyant and resilient tourism sector that provides greater economic returns from the tourism sector for ni-Vanuatu like Rebecca and her colleague mamas.

The project is funded by the New Zealand Government and the Vanuatu Government through the Enhanced Integrated Framework (EIF).

VOX-POPULI

The new face of Port Vila

Your views

QUESTION: Port Vila has been a hive of activities since January with all major infrastructure projects under VPMU starting almost simultaneously. We asked ordinary citizens on the streets of Port Vila if our projects mean anything to them.



Jeneck Samuel Patunvanu
Marine Surveyor
Atchin

Vanuatu was voted two, or three times as the world's happiest place on earth. I am sure these projects will most certainly put Vanuatu on par with some of the best tourist destinations in the region. Of course upcoming generations will benefit greatly. Tourists who come in will enjoy a much better atmosphere which could be very different from the other places. These are the kinds of developments we ni-Vanuatu must support and respect. Let's not damage them.



Johnson Wobu
Security Worker
Ambrym

I speak on behalf of many of the young people on the streets of Port Vila, many of whom are unemployed. While it is good that these projects are starting we would like to request the government that it ensures that young people are given a chance to be part of these developments. Life is not easy living in Port Vila so if the government can help young people find employment through the projects it would be really nice. That's my main concern.



Willie Kalo
Bus Driver
Tongoa

I think it is great that Port Vila is having new paved roads but improved roads also mean chances for road accidents will be increased. People need to be careful when using the roads. The question I want an answer to is whether there will be traffic lights. In Western countries, good paved roads have traffic lights and traffic lights prevent road accidents. Otherwise I am happy that the new sealed roads will greatly improve our road traffic systems. I would have liked for the whole pavement to be scrapped because most are relics of the colonial administrations, which may no longer be stable.

Monitoring and Evaluation at VPMU

of progress and achievement of objectives and progress in the use of allocated funds." Evaluation is the assessment of the extent the outcome and the impact are being achieved or have been achieved. M&E at VPMU is conducted using a wide array of tools, methods and approaches. These include, for example: Program Logical and Managing for Results frameworks and using performance monitoring indicators; theory-based evaluation; rigorous impact evaluation, etc. With this in mind, the purpose of monitoring and evaluation at the VPMU is the following:

- a) To assess the accomplishment of planned results to support decision-making by project management, with the provision of appropriate and timely information on the progress of the projects;
- b) To provide a system for assessing project impacts at the end of the project through planned and appropriately designed project evaluations; and,
- c) To facilitate transparency in project management; the M&E system being an accountability mechanism, in ensuring the achievement of intended results.

The VPMU manages and coordinates five major infrastructure development projects namely: Port Vila Urban Development Project (PVUDP), Vanuatu Inter-Island Shipping Support Project (VISSP), Vanuatu Tourism Infrastructure Project (VTIP), Vanuatu Aviation Investment Project (VAIP) and the Port Vila Lapetasi International Multi-Purpose Wharf Development Project (PVLIMPWDP). VPMU follows various processes when conducting Monitoring and Evaluation for each of these projects.

PVUDP

In this project, a project performance and monitoring system, or M&E system, is established which provides various processes in the M&E of the project, including data collection and analysis, and the flow of reporting and risk management. The M&E system is tailored to monitor and evaluate the components of the project.

Weekly meetings are held between the VPMU secretariat and the Design, Supervision, and Capacity Development (DSCD) consultancy team to report on the progress of the project. The secretariat usually reports to the VPMU steering committee on this progress on a weekly basis and as and when necessary. A quarterly report is also produced to report on the progress of the project. Review missions by project stakeholders are done and tentatively scheduled every two months as a



Leniel Keith
Student
Aneityum

I came to Port Vila last year. Since then I have often come out here to enjoy the scenery, especially the Port Vila sunsets. I have often thought to myself if only improvements could be made to Seafront. For example plant new trees or create more recreational facilities so that kids and the general public could come out and enjoy their free time together. I am glad that when I arrived at the beginning of this year, I discovered that works have started and change is really taking place at the Port Vila Seafront area. Port Vila is changing.



Wahe Martial
Student
Tanna

I think it is very good that the Port Vila beautification project is starting. Seafront used to be known for notorious activities for criminals and drunks especially at night. People have lost their lives here. But I think with the works currently under way, I am sure security will be greatly improved so that people can come out here and have fun. And it won't matter if it's night or day. I think people will really appreciate it once the works are completed.

monitoring mechanism independent of VPMU Project management M&E activities. A Mid-Term Review mission was also held earlier this year to evaluate the progress of the project.

VISSP

An M&E system has been established, providing the various processes in the monitoring and evaluation of the project, including data collection and analysis, and the flow of reporting. It provides a clear understanding of the purpose and scope of monitoring and evaluation of the VISSP. The system also provides a brief explanation of the M&E plan which is implemented by the M&E officer of the VPMU. The officer ensures that M&E activities are conducted by all concerned project staff in a timely manner and follow appropriate data collection methods and reporting formats.

M&E mechanisms include weekly operational management meetings between VPMU and the Project Team leader, and a Technical Advisory Group (TAG) which focus more on policy level discussions and project progress reporting to the stakeholders. The VPMU secretariat makes the report available to the VPMU Steering Committee, which meets as required, being more regularly than monthly. A quarterly report is also produced every quarter to report on the progress of the project.

Review missions by project stakeholders are done and tentatively scheduled every two months to evaluate the progress of the project.

A Mid-Term Review mission was held in November 2015 to evaluate the progress against the project target indicators.

VTIP

As M&E mechanism, A Technical Advisory Group which consists of VPMU secretariat and various other stakeholders directly involve in the project activities meet generally once every two weeks discussing policy issues and progress of the project and attends to issues where necessary. The secretariat reports and discuss the progress of the project to the VPMU Steering Committee, which meets as required from time to time.

VAIP

As M&E mechanism, VPMU secretariat, CAAV, and AVL meet on a weekly basis to discuss project progress and to co-ordinate responses to design queries.

The World Bank which provides the main bulk of the funds for the VAIP conducts a Review Mission every quarter to assist in the implementation and the progress of the project. Technical Fiduciary Services Unit, CAAV and VPMU secretariat make weekly conference calls to discuss policy issues and report on the progress of the project.

PVLIMPWDP

As M&E mechanism, weekly operational management meetings continue to be held between Ifira Ports Development Services, VPMU secretariat, the Contractor and the Design Consultant. These weekly meetings manage the contractual issues that arise during construction and report on the general progress of the project.

The VPMU secretariat manages projects, the progress monitoring and reporting on the achievement of outputs which are done weekly, monthly, quarterly and annually, while evaluation is done at stakeholders' review mission every quarter.

VPMU provides reports on a weekly basis and as when required to the VPMU SC on policy and progress issues. It also provides six monthly and annual progress reports to the Office of the Prime Minister and the National Trade Development Committee on all VPMU managed projects.



Rough roads, big dreams

Wenjio Tom is a 43 year old father of two. Son of a high chief from Toman Island in Malekula, Wenjio came to Port Vila years ago after a land dispute forced him to leave.

Since cyclone Pam in March 2015, he is still living at Tebakor under a temporary shelter provided to him through Red Cross.

Wenjio is able to survive in Port Vila through income earned from his wife's salary as a cashier with Port Vila's main supermarket, at Au Bon Marche; as well as donations he receives from big hearted individuals, neighbours and friends.

Despite his challenges, he harbours big dreams – like all responsible fathers do – of his two young children growing up and achieving their goals in life. Despite his inability to find a steady job he is still able to support his two children, although he feels authorities could do more to improve the social wellbeing of people with special needs like him and their dependents.

On the day we saw Wenjio, he was on his way to Nambatu, about four kilometres from where he lives. The trip would have lasted four hours to travel on his crutches from where he lives at Tebakor.

With the current conditions of the roads and the poor drainage, getting around could be a real challenge, especially on rainy days. When he is lucky, he gets a lift from friends. Wenjio knows all too well about getting splashed on the road side on rainy days by on passing vehicles.

Some good news is in the horizon though. Under the Port Vila Urban Development Project (PVUDP), people like Wenjio – including ordinary pedestrians who have had to put up with the rough conditions of the roads in Port Vila for so long, commuting to town for work and other purposes, might not be a struggle anymore.

And hopefully with better road conditions, Wenjio just might benefit from the extra tourism activity and investment waiting to be opened after the completion of the roads upgrade in 2017, as well as other major infrastructure projects now already well under way.

The Vt4 billion PVUDP project is expected to improve drainage to many flood prone areas of Port Vila, as well as footpaths, street-lighting and signage in 13 kilometres of roads, thanks to the partnership of the Vanuatu government and one of its long standing donor partners, Australia, as well as the Asian Development Bank.



Wenjio has high hopes of a bright future for his two children

The Port Vila Lapetasi International Multi-Purpose Wharf Development Project

Project Details:

Employer	: Ministry of Infrastructure and Public Utilities (MIPU)
Engineer	: ECOH-JV, Japan
Contractor	: TOA Corporation, Japan
Commencement date	: October 2015
Completion Date	: October 2017



Completed Image of New Wharf

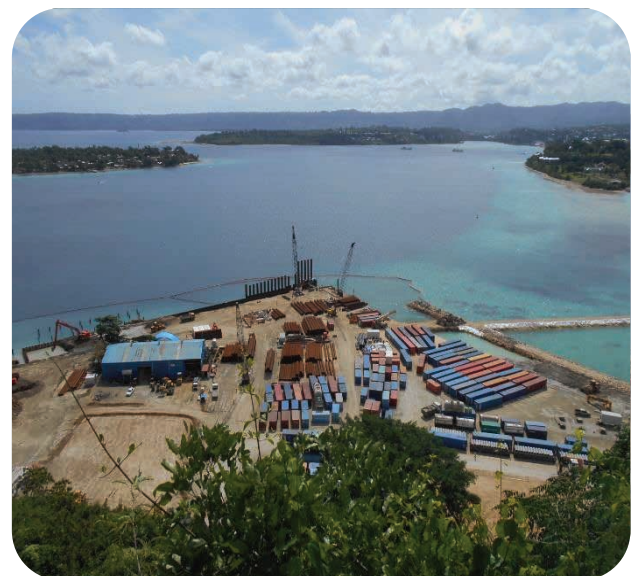
Scope of Work:

Civil Works:

* Wharf	200 m
* Dredging	85,000 m ³
* Reclamation	140,600 m ³
* Revetment	470 m
* Container Yard	32,600 m ²

Building Works:

- * Administration Building (3 Stories)
- * Container Freight Station
- * Workshop Building
- * Reefer Container Tower
- * Container Wash Bay



Present Site Situation



Piling Works

Progress: **Total :** **27%**

Civil Works:

Piling Works for Wharf	53%
Revetment Works (Rubble Rocks)	67%
Reclamation Works	24%
Wharf Excavation	Recently started

Building Works:

Administration Building	In Progress
Workshop Building	In Progress

Temporary Works:

Engineer's Site Office	Completed
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The Port Vila Lapetasi International Multi-Purpose Wharf Development Project

Impact on Traffic and Community:

May 2016 is another busy month for the Lapetasi International Multi-Purpose Wharf Development Project. Piling, Excavation and Dredging works is done simultaneously with the construction of Administration building and Workshop. Again, the community is reminded of the following impact:

- Increase of traffic volume especially from the junction to the wharf entrance by heavy vehicles transporting construction materials.
- Access to the construction area is strictly restricted to the public. Only safety inducted workers with safety gears are allowed of entry.

Ni-Vanuatu Participation:

More than 150 Ni-Vanuatu workers are engaged in various construction activities at the project site.

Silt Fence:

East and West sides of the construction site is enclosed by silt fence to prevent any turbidity from flowing out from the project boundary.



Silt Fence Installation



Gate Control

Contractor:



Tokyo, Japan

Consultant:

Joint Venture of:

**ECOH CORPORATION,
Oriental Consultants Company Limited and
Japan Port Consultants, Ltd**

Tokyo, Japan



The Port Vila Lapetasi International Multi-Purpose Wharf Development Project is funded by Japanese ODA loan as a token of Friendship and Cooperation between Japan and Vanuatu. For further information, contact the Vanuatu Project Management Unit on 33240 or email vpmu@vanuatu.gov.vu.





Lenakel Wharf

Update on work programme and activities:

- Construction has been delayed due to the late arrival of materials into Vanuatu. The new scheduled commencement date is mid-June 2016.
- Hawkins (Contractor) and the VISSP project implementation team conducted a site visit on 29/03/2016 where pre-construction scoping was carried out.
- Hawkins was given Right of Access to Lenakel Wharf area on the 11th April 2016.
- This right is not exclusive and shipping services and access to the wharf will still be maintained.
- The Lenakel Town Municipality has issued a building permit on 01/04/2016 to the project, through VPMU, for the construction of the new passenger shelter.
- A Community Liaison Committee (CLC) has been set up and has had its first meeting on the 30/03/2016. The CLC will be facilitating communication between Hawkins and the local communities during the construction period.
- The CLC collectively agreed on a location for the new passenger shelter and conveyed their agreement to the VISSP engineers during the CLC meeting.
- There is opportunity for local construction companies to submit their application to Hawkins to bid for the construction of the passenger shelter.
- As part of the project, there will also be a community HIV awareness programme conducted in May 2016, at Isangel by approved health service providers.
- On-going communication between Hawkins, Tafea Provincial Government Council and Lenakel Stevedoring Committee, will be maintained throughout the duration of the wharf construction.



Vanuatu Inter-Island

Shipping Project In Brief:

- There has been some changes in the work programme, and construction activities may delay, however wharves will still be constructed/repared on the islands identified.
- Contractor has been given access to sites on South Paray, Simonsen and Lenakel Wharves.
- Community Liaison Committees (CLC) have been established for South Paray, Simonsen and Lenakel Wharves.
- South Paray - For the month of March and April, there has not been any significant physical works taking place at the wharf site other than the construction and completion of the reclamation bund wall and embankment. Coral relocation from the wharf area, the reclamation area and the dredge channel area has been conducted.
- Simonsen - Anticipated that constructions will start there and move to South Paray.
- Lenakel – The scope involves repair works mainly on the existing wharf. No new wharf.
- Hawkins currently awaiting precast concrete to arrive from overseas so construction can begin.
- Other wharf sites are: Lolowai, Loltong, Port Sandwich and Litzlitz.



PVUDP

Urban roads and drainage phase 1

The Government of Vanuatu through the Asian Development Bank (ADB) using Australian Aid (DFAT) funds are assisting to improve urban infrastructure and services in Port Vila urban area and the peri-urban areas. The objectives of the Port Vila Urban Development Project (PVUDP) include Improvement to the Road Network and associated infrastructure such as footpaths, street lighting and signage boards and Improvement of the Drainage System.

The Urban Road and Drainage, Phase 1 Works – (UR+D PH1) is one of the major PVUDP sub component scope of works. The proposed improvements will include the road reserve and areas of privately leased land as agreed by the leaseholder for the benefit of the public as a pedestrian thoroughfare called Public Access Areas (PAA). The Government has understood that the road and drainage infrastructure in the Port Vila urban and peri-urban area has been woefully inadequate to meet current demands and requirements of the population. The existing road condition of the arterial and secondary feeder roads within the UR+D PH1 is poor with significant congestion and poor driver conditions. Where it exists, drainage infrastructure is in a state of disrepair and/or blockage. This has resulted in an undesirable environmental situation of increased sediment load in the nearby coastal waters, reducing water visibility and increasing turbidity.

The proposed improvements will cover approximately 13 km of roads and includes footpaths and traffic facilities as listed below plus approximately 4.5 km of improved drainage and soakaways designed to discharge into existing government land. The works occur in an area-wide section of the Port Vila Road network (as shown in the map). These activities include;

- Resurfacing the Lini Highway (now called the Kumul Highway) and establishment of a Lini Hwy bypass road. Resurfacing of secondary or feeder roads within Port Vila CBD and surrounding areas;
- Improvement of intersections;
- Installation of drainage pipes, catch pits and sedimentor pollution traps;
- Establishment of new bus bays
- Upgrading of PAA and car parks; and
- Improved street lighting and road signage.

The road pavements will be sealed with either a 40mm layer of asphalt and/or with a Double – Double bituminous ('tar seal') surface treatment. Those sections with a Double-Double bituminous seal treatment are anticipated to be overlaid with asphalt in the future under a separate contract. Drainage systems will, in the most part, consist of cement piping and/or concrete open drains. All footpaths, driveways, kerbing and medium strips will be concrete.

As a priority all drainage systems associated with the UR+D P1 at the commencement of construction activities will be physically inspected using CCTV and cleaned to provide a status report which then will determine the final requirements of the UR+D P1 drainage scope of works. This information will dictate which drainage systems are usable, repairable and/or need to be replaced. In addition, all illegal roof catchments, grey water, liquid trade waste and/or sewage discharge connections into the existing stormwater drainage systems will be identified. These connections are in breach of the Building Act and Public Health Act and offenders will be notified accordingly.

All drainage systems within the UR+D PH1 will be buried and for the most part covered by the footpaths. In addition, the stormwater drainage system for the

UR+D PH1 has been designed to incorporate natural stormwater soakaways to discharge water into the ground. The inclusion of natural soakaways will significantly decrease the stormwater volume and sediment/pollutant load currently entering the existing stormwater drainage system discharging into Port Vila and Fatumaru Bays.

Works began in April 2016 and will be complete by end of 2017 and will generally consist of the following construction periods:

- Period 1 (April to June): Patch all potholes followed by two-coat bitumen seal across the entire 13km. Cleaning and CCTV inspection of all stormwater pipes.
- Period 2 (June 16 to Aug 17): Construction of new intersections, drainage works, kerbs and channels, bus bays, footpath and traffic signs.
- Period 3 (Aug 17 – Oct 17): New 40mm asphalt over 8.5km of arterial roads and completion of works.





MUNICIPALITE DE PORT VILA PORT VILA MUNICIPALITY

NOTICE

DATE: 11TH April 2016

TO: ALL PROPERTY OWNERS, REAL ESTATE OWNERS & LANDLORDS WHITIN THE PORT VILA CBD AREA

SUBJECT: SEWAGE & SEPTIC CONNECTIONS FROM BUILDING INTO THE STORM WATER DRAINAGE SYSTEM.

This is a Notice issued by the Port Vila Municipality to all Property Owners, Real Estate Owners & Landlords who own and operate any buildings, houses, dwellings, apartments, flats and premises within the Port Vila CBD Area.

The Port Vila Municipality wishes to inform all Property Owners, Real Estate Owners & Landlords that any pipes or drain which allow sewage and septic materials to be connected into the Storm Water Drainage system in Port Vila is prohibited.

The connection of sewage and septic pipes into a Storm water Drainage System is prohibited in accordance with the following laws of Vanuatu which are applicable within the Port Vila Municipal are :

- (a) Public Health Act [CAP. 234];
- (b) Pollution Act No. 10 of 20;
- (c) Environmental Management & Conservation Act [CAP.283]; and
- (d) Nuisance By Law of the Port Vila Municipal Council.

These laws and bye-law all prohibit the connection of sewage and septic into the Storm Water Drainage System in Port Vila.

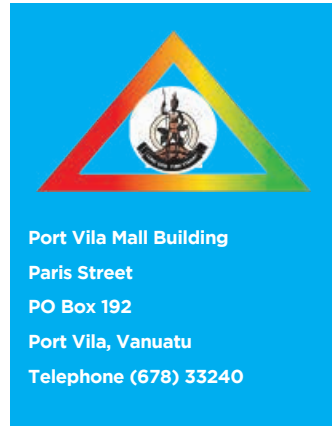
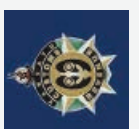
We now wish to advise you all that as from the date of this Notice, if you know of any such connections which have been installed from your sewage or septic system, you must begin to take steps to remove those connections and contain the sewage and septic effluent within your own lease premises.

The Port Vila Municipality in conjunction with the Port Vila Urban Development Programs are currently undertaking works on roads and drainages in Port Vila and any discovery of any such connections will be deemed illegal and therefore those connections will be removed or closed off, with prior notice to the affected property owners.

We thank you all for your continued support to the work of the Council and for keeping Port Vila a clean and environmentally healthy city. Any inquiries on this matter must be referred to the Office of the Town Clerk at the Town Hall.

Yours respectfully,

RONALD SANDY
Town Clerk



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