



Utuola E-News

Department of Economic Development, Natural Resources and Environment

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PLAY OUR ROLE: The Tokelau Biosecurity Rules

Most of us would have noticed the vigorous Biosecurity operation campaigns of recent as advocated nationwide by the staff of the Department of Economic Development, Natural Resources and Environment both in Tokelau and at the Tokelau Apia Liaison Office. It is our business to ensure enhanced public awareness on this critical topic of biosecurity hence to safeguard Tokelau's food security, environment security, economic activity security and culture. Central to the biosecurity measures, are the lives of our current human population and future generations. Holistically, the Tokelau Biosecurity Rules 2003 provides the mandate for EDNRE mission in ensuring today's generation will not in any way, jeopardize, the opportunity for Tokelau's future generations to enjoy the pristine environment that is enjoyed by today's custodians – the people of Tokelau. Despite all that, and at the end of the day, we all have a role to play.

In this issue and the next Utuola e-Newsletter, the Introduction space will be dedicated to public awareness and informing the Tokelau people, friends and overseas families about the "Rules" and why public compliance is so important to biosecurity in Tokelau. To think of it, Tokelau is such that "small" that a small biosecurity and biosafety mishap can wipe out all of Tokelau's ecosystems including – human beings. The choice is simply ours!

The Tokelau Biosecurity Rules 2003 specifically serves 5 main purposes. They are:

i. to control the introduction and spread of exotic pests and diseases and other organisms, in order to protect the environment and the agricultural production of Tokelau;

ii. to control the pests and diseases already present in Tokelau that have a restricted distribution;

iii. to provide for facilities for biosecurity services for the import and export of animals and plants, animal products and plant products, and other goods safely into and out of Tokelau;

iv. to provide for the containment and eradication of new incursions; and

v. to support international cooperation in the prevention of the movement of pests and diseases.

What is meant by Biosecurity

Biosecurity is set of measures aimed at preventing the introduction and/or spread of harmful organisms, in order to minimize the risk of transmission of infectious diseases to people, animals and plants caused by viruses, bacteria or other microorganisms.

What is Biosecurity in Agriculture

Biosecurity is a strategic and integrated approach that encompasses the policy and regulatory frameworks (including instruments and activities) that analyze and manage risks in the sectors of food safety, animal life and health, and plant life and health, including associated environmental risk.

What are Biosecurity Measures

Biosecurity refers to all the measures taken to minimize the **risk** of infectious diseases caused by viruses, bacteria or other microorganisms entering, emerging, establishing or spreading in Tokelau, potentially harming the Tokelau population, our food security and economy.

Why is Biosecurity Important in Tokelau

The **biosecurity** system prevents or manages risks from harmful organisms, like pests and diseases. The biosecurity system helps protect Tokelau's biodiversity and economy, environment, human health, and a range of social and cultural values. ... stopping pests and diseases before they arrive

What is the difference between Biosecurity and Biosafety

Whereas **biosafety** aims at protecting public health and environment from accidental exposure to biological agents, **biosecurity** deals with the prevention of misuse through loss, theft, diversion or intentional release of pathogens, toxins and any other biological materials.

What is a Biosecurity Risk?

A **biosecurity risk** is the **risk** that exists when you deal with: any pest, disease or contaminant. something that could carry a pest, disease or contaminant (e.g. animals, plants, soil, equipment —known as 'carriers').

To be continued.

◆ *Mika Perez*
Director of EDNRE

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EDNRE Staff 2020



Mr. Mika Perez
Director of EDNRE



Mr. Pologa Perez
Executive Officer



Ms. Mile Olive Fonua
Manager of Environment



Mr. Sialeeti Kine
Manager of Economic
Development



Ms. Silia Pologa
Manager of Agriculture



Mr. Christian Perez
Senior Biosecurity Officer



Ms. Faioa 'Ala
National Coordinator for
Small Business



Mr. Tevita Vaea
Extension Field Officer



Mr. Hans Wesche
Senior Biosecurity Officer



Ms. Teagai Jasmine Perez
Met Officer, Nukunonu



Ms. Nerisa Meki
Met Officer, Atafu



Ms. Solonaima Mei
Met Officer, Fakaofu



Ms. Kilitina Tuisano
Waste Management Officer



Ms. Meleka Mativa
Environment Officer, Fakaofu



Mr. Pateni Vakalasi
Environment Officer, Nukunonu



Ms. Leuta Toloa
Environment Officer, Atafu



Ms. Ruta Pelesa
Support Officer

EDNRE Staff 2020



Ms. Sosefina Pase
Tourism Officer,
Nukunonu



Ms. Margaret Siauala Paul
Tourism Officer,
Fakaofu



Mr. Tupe Vaitoa
Agriculture Officer,
Nukunonu



Mr. Tofiga Teao
Agriculture Officer,
Fakaofu



Mr. Daniel Viliame
Agriculture Officer,
Fakaofu



Mr. Famaoni Reulu
Biosecurity Officer,
Atafu



Mr. Piita Vaipuna
Agriculture Officer,
Atafu



Mr Semisi
Casual worker



Mr Iakopo
Casual Worker



Mr Siu
Casual worker



Lili Ah Ki
Casual worker



Divisional Introduction

The three very broad portfolio's of Economic Development, Natural Resources and Environment (EDNRE) as its name suggests come with it three very distinct operations.

The Environment Division is headed by Ms Mile Olive Fonua, and is stationed in Atafu where the Department's Minister, Director and Head office is based. Ms Fonua commenced as a Manager of Environment on the 1st of June 2020.

The division's core activities in helping the three villages in areas of Waste Management, Meteorological, Water and Hydrology, Clean and Healthy Oceans, Marine and Coastal Management, Seabed Mining, Climate Change and Environment Development.

Ms Fonua's primary aim is to work together with her colleagues and the communities to protect, maintain and sustain our beautiful Tokelau to a desirable status for now and also for our future generation.

Currently the division has ten(10) staff members including Ms Leuta Toloa (Environment Officer, Atafu), Ms Meleka Mativa (Environment Officer, Fakaofu), Mr Pateni Vakalasi (Environment Officer, Nukunonu), Ms Solonaima Mei (Met Officer), Ms Teagai Jasmine Perez (Met Officer), Ms Kilihina Tuisano (Waste Management Officer, Fakaofu) and Ms Ruta Pelesa (Support Officer).

The waste management officers for Atafu and Nukunonu are yet

The Economic Development Division is headed by its divisional manager Mr Siale Eti Kine and is stationed in Nukunonu. Mr Kine was a teacher with 18 years of experience in the field of teaching. He was appointed to be the Manager of Economic Development Divisional on the 1st July, 2020.

The focus of the division is to support Small Business Development, Small Scale Tourism development and Advocacy and Awareness.

Mr Kine's aim is to enhance close working relationship between EDNRE and villages to promote and preserve Tokelau's culture and traditions.

There are four (4) staff members under the managerial of the Economic Division including Ms Faioa 'Ala (National Small Business Development Coordinator), Ms Sosefina Pase (Tourism Officer, Nukunonu), Ms Margaret Siauala Paul (Tourism Officer, Fakaofu).

The Tourism Officer for Atafu is still pending and will be recruited later this year.

The Agriculture division is a new division that was formally established after receiving an endorsement from Genral Fono in July 2019. The Agriculture Division is headed by Ms Silia Pologa and equipped with appropriate nine (9) staff members and four (4) casual workers assisting the Biosecurity team in Apia.

The designated Agriculture Division staff members are Mr Tevita Vaea (Extension Field Officer), Mr Hans Wesche (Senior Biosecurity Officer, Tokelau Liaison Office Apia TALO), Mr Christian Perez (Senior Biosecurity Officer, Fakaofu), Mr Daniel Viliame (Agriculture Officer, Fakaofu), Mr Tofiga Teao (Agriculture Officer, Fakaofu), Mr Tupe Vaitoa (Agriculture Officer, Nukunonu), Mr Piita Vaipuna (Agriculture Officer, Atafu), Mr Famaoni Reuelu (Biosecurity Officer, Atafu), Mr Lili Ahki (Casual, TALO), Mr Siu (Casual, TALO), Mr Iakopo (Casual, TALO), Mr Semisi (TALO).

Agriculture Division will be responsible for helping the three villages in areas of biosecurity, invasive species, agriculture, food security, lands and soil management,

The biosecurity for Nukunonu will is yet to be recruited.

Agriculture Division Updates

EDNRE completed a successful gardening in Fakaofu

A garden competition is being held by the department of EDNRE amongst its staffs and people of Tokelau to promote healthy living, improve quality of life and nutritional values, to be self-sufficient in cultivation of their own lands and to be innovative of their own farming system in supplying their own food during these unprecedented trial times.

EDNRE staffs on Fakaofu have begun their home gardening ever since April this year. As of now, most of the growers have undergone their first harvest.

A former staff of EDNRE distributed seeds to some of the households on the island but due to limited of seeds received by the department from FAO, each household could not have any share of the seeds.

Apparently, most of the families have already harvested fruits of their home garden and are thankful to the department for their support in providing seeds and compost soils.

Whilst Covid-19 had took its toll on other respective countries, our people have took advantage of their time during the lockdown in cultivating their own lands and spending more time in backyard and outdoor gardening of various farming system. This also has learnt our people on how to be self-sufficient and resilient in which also results in a positive impacts on our people not only in physically but mentally.

In an interview with some of the families who have gardens, they expressed their gratefulness towards the department for being an example to them which have shown how the community garden contributes to community, healthy food access and food security, wellness and especially working in harmony with nature.

They've also acknowledged this initiative as they are not depending on imported vegetables any longer as they are securing and consuming from their own harvest with their hopes for the EDNRE's department for their continuous support on farming resources

◆ *Margaret Siauāla Paul*

Agricultural news from Nukunonu

E lea mai te kupu Tokelau. "Ke olatia ma nautia ia Tokelau". Ko te galulue fakatahi, e manuia ai Tokelau ke ola satale ai na galuega

Toto na lakau kaiga aua te ola maloloina o ki tatou kaemaihe ma tupulaga fai ake o te tatou fenua.

Ve na kitea mai kina ata.

Ola na talo, kukama, kapasii. Ho he laua e ola ki Tokelau kafai e lava te malamalama kina akoakoga te itu ona fatoaga, na kelekele mana itukaiga lakau e tatau ke ola ki Tokelau.

E lahi na metotia e mafia ke akoaki ai tatou tagata au ate fakaolaga ma te totooga ona lakau (vegetables, fruits, root crops etc) i loto fenua o Tokelau.

◆ *Tupe Vaitoa*

Harvesting the fruits of hard work from home garden

Fourteen households in Atafu have reaped and harvested fruits from their home gardens including water melons, cucumber, cabbages, capsicum, long beans, tomatoes and other vegetable fruits.

Families were thrilled and thankful to the department for providing those seeds, compost soils, seedlings and trainings to assist them with their gardens.

In the previous years, there were only nine households who have been practicing home gardening but then were delayed for a while due to the shortage of planting materials and seedlings.

The department is now working cooperatively with number of growers who have shown interest in practicing their home gardens in providing more seedlings and other farming resources. It also motivates the people to have an interest in practicing home gardening to diminish the importing of agricultural produces from overseas.

Seedlings were grown firstly within the department's nursery before distribution to the gardeners.

◆ *Tevita Vaea*

Random Shots of gardens - Tokelau





Photo Credit: Kilihītina Tuisano

With the blessings from Taupulega Fakaofu, EDNRE now has the privilege to carry out biosecurity checks every boat arrival day. Both EDNRE and Taupulega's biosecurity team now have joined together and work hand in hand in checking all the Agriculture commodities brought in from Apia.

The purpose of the biosecurity check is to eliminate the possibility of invasive species and pest entering Fakaofu, by checking all produces, such as veggies, fruit, taro, manioka, potatoe etc. Also, to improve and strengthen standard Biosecurity issues and enforce existing Biosecurity legislation in Tokelau.

Working collaboratively with the Taupulega biosecurity team has made the work load so much easier and much more efficient and effective.

A normal biosecurity checks during boat arrival days consist both teams in setting up our tent and table and armed with Morten fly spray to eradicate any findings.

All the goods that landed on the island are to be brought and transported by the Aumaga from the channel to our biosecurity check booth for proper examination and inspection before releasing to owners for collection. The checking involves the opening of sacks of Taros, basket of veggies and other fresh produces.

Special thanks to my colleagues, Aumaga of Fakaofu and also the community for their support and great assistance in working together to protect and free our community and the whole of Tokelau from invasive species

Biosecurity team Fakaofu; Kilihītina. T, Daniel V., Juli F., Rimoni F., Heteli T. and Solonaima M.

◆ Solonaima Mei

Preventing COVID-19 transmission during weekly Transport and Biosecurity operations

An invitation was received by EDNRE Biosecurity Unit and TSS Fetu o te Moana Crew to attend a training workshop conducted by the Tokelau Public Health staff on the 21st of July regarding protective measures against COVID-19 during their respective operations on the island.

The surveillance team included Tenali Iosefa and Efoti 'Ala and each team member took turns giving presentations on COVID-19 origins and statistics, symptoms and transmission as well as precautionary procedures with demonstrations of such measures.

Greater emphasis was placed upon pre-emptive measures of action such as how to effectively wash and sanitise hands and also personal protective equipment (PPE) required by the respective teams when carrying out their operations. It was advised that biosecurity handlers and crew members alike need disposable gloves, hand sanitisers and disposable aprons to use during their operations.

Dr Alapati advises staff of EDNRE as the arrangement and execution of biosecurity inspections are imperative to the prevention of COVID-19 transmission. Therefore, biosecurity officers are to ensure to

- use a new pair of gloves for each unit inspected (box, basket, sack etc.),
- sanitise hands after each inspection before donning a new pair and inspecting the next item,
- wash hands with soap and water if dirt or other stains are visible on them after an inspection and to
- refrain from touching the exposed exterior of PPE when removing them.

EDNRE received a small supply of gloves, aprons and two large hand sanitisers presented by the health team to help with the biosecurity operations.

It had been a successful initiative as biosecurity officers took the advice and utilise it to biosecurity checking operations whilst continuing to identify ways of improvement for a better service.

EDNRE biosecurity inspections formally commenced on the 7th of July this year in Nukunonu following the implementation of the Tokelau biosecurity rules 2003 to prevent incursions from entering Tokelau.

◆ *Tēaqai Jasmine Perez*

Team Nukunonu Biosecurity Inspection kick started on the first arrival boat on 7th July, 2020. It was a very cooperative job shown by the taulelea with the support from pulenuku and the faipule.

EDNRE's Manager of Environment (Mile Fonua) led the EDNRE combined teams for biosecurity operation.

All agricultural products were fully inspected and to make sure they are free from pests, weeds and diseases.

Produces that have escaped through our team Apia's sight or smuggled behind Apia team went through our biosecurity operation where some root crops have not been cleaned. Our biosecurity team has to make sure to remove and clean all the dirt before consignee's collection.

All decomposed and suspected produce were disposed in a biosecurity trash for burning. This is to fully eradicate any bio-contaminated or bio-risk in which may harm our fragile environment.



Biosecurity team steps up its operation to address invasive species



Photo Credit: Nerisa Meki

The Biosecurity team under the Economic Development, Natural Resources and Environment (EDNRE) department is stepping up its operation to counter invasive species entering Tokelau.

As a small island nation, Tokelau is heavily dependent on imported goods from overseas as people are heavily depended on these imported goods for sustainable living. However, importing of these goods contributed to the increasing number of invasive species on the island, which may cause major harm to the island biodiversity.

In July, this year, the team initiated its first biosecurity operation at the port of entry in Tokelau as well as in Apia. This operation led the team to proper inspection of all goods arriving into the country for possible pests' infection.

On the island of Atafu, staff of the department work together to make sure there are no invasive species coming to the island. The work include proper preparation of paper works such as import certificates and cooperation with the Biosecurity team in Apia, Samoa.

Once the cargo boat arrives in Atafu, the team gather at the operation site for a short briefing, making sure that all precautions work are carried out properly.

In their safety gears, and wearing biosecurity uniform the team will go through the manifest and start allocating tasks as the operation continues. The team will then start close inspection of every load of containers, those containing food products are then transported to the operation site for further inspection.

Meanwhile at the site, staff will go through all products making sure that all cargoes are cleaned properly, and dispose anything that is suspected of posing harm to the environment. Once the operation is complete, the team will have a debrief and compile a report to be submitted to the manager.

This operation has been supported by the Taupulega of Atafu and

the Aumaga group which have shown support on this initiative and work together with the team. The team has carried out this operation over two months, therefore the biosecurity team have gained more confidence in their work. The team has also build their awareness on their rights under the Tokelau rules and roles as well as responsibilities while carrying out the work in the village, to avoid public scrutiny.

Tokelau had experience invasive species in the past and they have address the issue accordingly. In the past ten years the island of Atafu was invaded by the yellow crazy ant which have a great impact on the island ecosystem.

In 2015, NZ MFAT provided aid to carry out management work to control the yellow crazy ant. After three years of proper management and control, the number of ants dropped dramatically which was a huge relief to the community. In addition, ongoing treatment and spot treatment are still undertaken by the department as part of the management work plan to continue addressing invasive species.

Like many Pacific Island countries, Tokelau do not have the capacity and financial support to fight invasive species and take care of its biodiversity. Therefore, it is very crucial to recognize on a village and national level the importance of adhere to these biosecurity measures, and everyone need to play their part in making sure to stop the spread of invasive species into the country.

◆ *Leuta Tāmoa*

Economic Development Updates

Healthy and Active Communities with opportunities for All

Economic Development, Natural Resources and Environment Department is one of the departments operating under the Government of Tokelau.

Economic Development Division is the smallest unit in the EDNRE Department. It consists of only five officers including the Manager of Economic Development, National Coordinator for Small Business Development & marketing and three Tourism Officers in each atoll.

We are currently contributing to the department to achieve the Department's vision which is **"Sustainable and Responsible Development for Tokelau"** to promote sustainable and responsible developments and practices that will preserve Tokelau's culture and environment for future generations.

Our main target is to develop Tokelau's economic by encouraging small business

development in Tokelau and as well as tourism. Our officers have been working hard to accomplish their annual work plan for 2020/2021 but we rely mostly on our department's budget. Despite financial constraints within the department, however, our officers are now finding ways that we can to continue our planned activities.

The Tourism Officer from Fakaofu has planned to do a Tokelau Handicrafts Festival, in this activity we are going to promote local handicrafts and various cultural activities of Tokelau which includes dancing, food, fishing gears etc.

In addition, the National Coordinator for Small Business Development & Marketing also planned some activities and one of them is to conduct trainings and workshops for Tokelau people, especially boosting new small business development in Tokelau.

EDNRE department consists of three divisions – Agriculture division, Economic development division and Environment division. The Headquarter of the department is located in Atafu and all three divisional offices were headed by a manager with appropriate staff to not only implement divisional annual work plans accordingly but also to enhance close working relationship between EDNRE and the villages.

We love to develop Tokelau's Economic and we are trying to do the best we can and we believe God will do the rest for us.

Ke ola ia Tokelau

◆ *Siale Eti*

Tokelau National Budget 2020/2021 approved



The second General Fono or Parliament Session held on 3rd August 2020 at the Fakafotu Falefono.

The budget 2020/2021 proposal was mooted in parliament by the Minister of Finance and was approved by members of the General Fono. The General Fono also agreed to deduct all departments and nuku's over expenditure from their recurrent budget.

The program began by singing the national anthem then followed by a prayer session conducted by

Reverend John Kalolo. Welcoming remarks were delivered by three elders 'Taumatua' of each Nuku before opening the meeting by Te Ulu o Tokelau, Mr. Esela Fofu Tuisano.

There were twenty-two members of parliament sat in the meeting and discussed the bills for the operation of the 3 Nuku and also the ongoing government.

Representatives of Taupulega (Village Council of Elders) from each Nuku were also involved in the GF discussions.

The General Fono deliberations concluded on Thursday 6th August, 2020 after lunch when the delegations of Nukunonu returned back home on the Fetu ote Moana in the afternoon whereas Atafu delegation headed back home on Friday morning 7th of August.

◆ *Margaret S Paul*

Travelling restriction for visitors to Tokelau remained closed

Tokelau opened its borders to its citizens, residents and immediate family members who were in Samoa during the lock down of Covid-19.

Returning residents managed to board on the MV Mataliki voy#19 from Samoa on the 26th of July 2020 while travelling restriction for visitors to Tokelau remained closed.

Fakaofu returning residents on this voyage presented their medical examination certificate from Samoa and also underwent travelling history and medical checkup again by nurses at the channel before scattering to their homes.

There were twelve (12) passengers of Fakaofu returning on this voyage including 4 infants and 8 adults.

The Taupulega of Fakaofu had given approval during their meeting that these passengers were not to be bound for quarantined at Te Papa quarantine accommodation but to be self-isolated in their homes for a period of 7 days.

The borders are now closed again for travelers until further notice except for shipment of food and bulk supply from Samoa only.

◆ *Margaret S Paul*

Most Successful Small Business

The problem of the COVID 19 affected most of small business development in Tokelau in terms of transportation, supplies of their products and restrictions of border. However, some of the small businesses were able to meet the need of their customers with their consistency supply.

Using of Available Resources in Tokelau in times of the COVID 19 is one of the major benefits for small businesses which is the usage of local products instead of importing from Samoa.

Tufala Tavite stated that they are trying to use all the available resources to carve, shape and fashion something out from those resources which are not used by the

Tufala Tavite also has his own private business for Carving. He normally used his spare times and Saturday to do carving for private orders. He has all the resources for his small business in terms of tools, equipment, knowledge, skills and dead trunk of Kanava trees and other trees available on the island. The carving Section and his own private business were running efficiently during this time of the COVID 19 because they have all their resources.



Tufala Tavite is in charge for the "Carving Section" here in Nukunonu.

With an interviewed with him, he said that the dead trunk of the Kanava is using for carving and uses by Matiti School for their Project. The students who were under the Pathi Way programme carried out a carving project by carving the School's name and different images on the trunk of the Kanava tree.

He was facilitating and teaching the students in the pathway programme to learn how to carve with the usage of all the available resources.

For more information and also to place an order please contact the telephone number: 0069024145

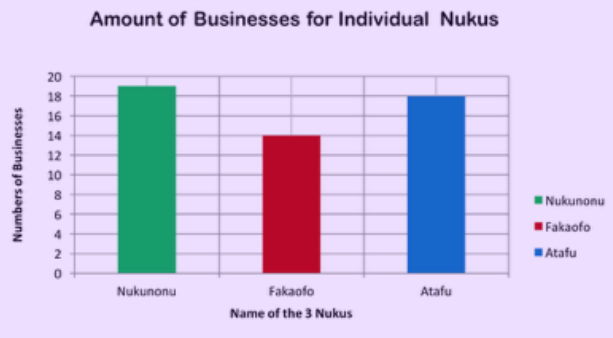
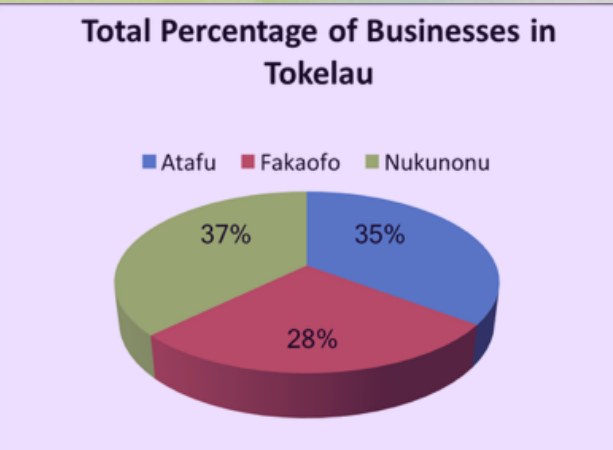


Figure 1: The bar graph above shows the quantity of business on each atoll

There are fifty one (51) small businesses in Tokelau. Atafu consists of 18, Fakaofu 14 and 19 for Nukunonu.

Most of the businesses are selling imported goods from Samoa and other overseas countries. However, only few businesses in Tokelau are selling locally produced goods.



The pie chart above reflects the picture of small businesses in Tokelau. Each Nuku have less than 50% of small businesses in their atoll. It shows that there is a need to encourage more people to start their own business rather than relying on their salary and other forms of income.



Hemanaia



Vaha



Hamita

◆ Faioa A'ia

The 3 skilled and knowledgeable men who helped out in the Carving section of the Nuku. Hemanaia was making "mea hiki ai te vaka". While Vaha and Hamita were making the paddles for the canoe. They were making the canoe from the Tatuli tree and also use other trees available on the island such as Ga Gie and Puka for other parts of the canoe.

The canoe will be taken to Matiti School as visual resources for the children to learn the different parts



Environment Division Updates

New Incinerators ease waste management issues for Tokelau

The environment of wastes and consumption arrangement in Tokelau over the years has drastically changed following the procurement of three incinerators, to help with the management of wastes on the island nation.

In the last 10 years, Tokelau has substantial solid and inorganic waste management issues which pressure the EDNRE to look for alternatives to address the issue in a short-term period.

Following the decision by the Samoa Government to cease all importation of waste from Tokelau in March this year as part of its COVID19 SOE requirements, the Waste Management division under EDNRE overturns this challenge into an opportunity. The Environment Division with consultation with stakeholders, decided the best solution was to procure incinerators. The division feels the importance of reducing and proper management of waste in Tokelau, so as not to compromise the public health, amenity of the environment and the social nature of the community.

Through the financial assistance provided by UNDP's Global Environment Facility (GEF) Small Grants Programme, the EDNRE was able to procure three incinerators and 692 wheelie-bins, under the USD \$150,000 Waste Management Project.

The incinerators were officially handed over by Mr. Sorensen to the Tokelau

Government today, via the Public Service Commissioner, Mr. Tiso Fiaola, in a brief ceremony at the Tokelau office in Apia earlier today.

"These incinerators will help greatly in alleviating Tokelau's waste problem. We are grateful to be able to manage this with the help of UNDP and SGP," said Mr. Fiaola.

The first incinerator was presented to the *Taupulega* of Nukunonu on June 23rd, by the Director of EDNRE, Mr Mika Perez.

"We acknowledge UNDP's GEF Small Grant Programme for its kind contribution to managing Tokelau's waste problem," said Mr Perez.

The elders of Nukunoku were very pleased at this new initiative. "We express our gratitude to the Department of Economic Development, Natural Resources and Environment (EDNRE) for being at the forefront of national coordination efforts to manage Tokelau's waste management issues, and responding well to the village's growing waste challenges," said Mr. Pio Tuia, an elder of the Nukunonu *Taupulega*.

The incinerators will aid the control of waste on each atoll. Each incinerator will have the capacity to burn up to 300kg of waste a day including medical and biosecurity waste. The ash from the burnt waste will be used as fertilizer and other agricultural uses.



The department is hoping that once installation is set to go, a more systematic approach of waste management will be an achievement for the Waste Management division.

The Waste Management division hopes to set a clear direction for Tokelau towards minimizing wastes to the landfill, improving management of solid and inorganic waste, compliance with international obligations and managing wastes as resource to deliver socio-economic, health and environmental benefits, by utilizing the incinerators for proper waste control on all atolls.

◆ *Hans Wesche*

Nukunonu Waste Update

The Nukunonu waste management team have been very determined, proactive and committed towards removing the waste present on land, and always working to pack them for shipment to Samoa via the MV Kalopaga's ongoing voyages to Tokelau.

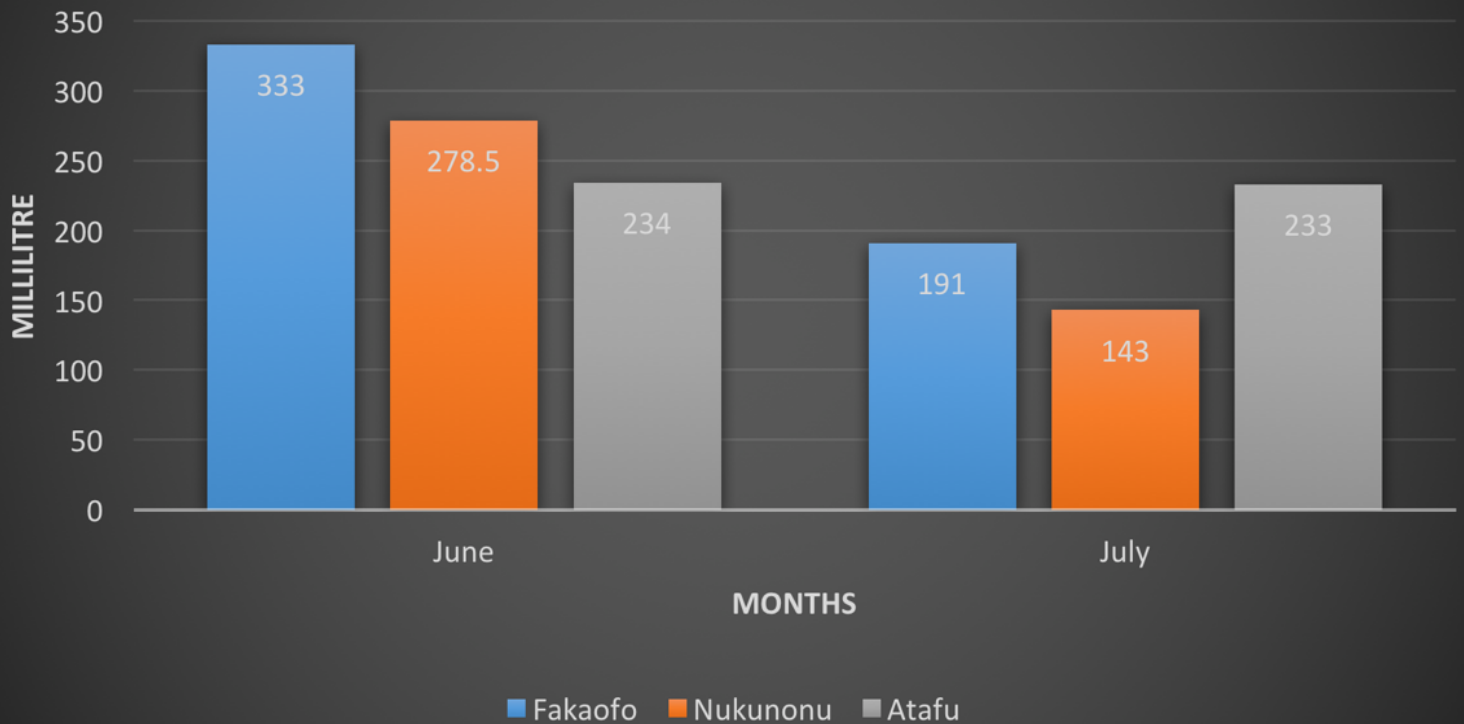
At the meantime, the transportation of solid wastes from Tokelau to Samoa have been ceased following the decision of the Government of Samoa as part of the Covid-19 SOE requirements. Therefore, the village rubbish collectors together with EDNRE waste management staff are working collaboratively in sorting out the different type of rubbish before burning them at the waste disposal site

The waste collection system generally operates well with collection twice a week and only change when there is a boat or other community program.



◆ *Pateni Vakalasi*

Tokelau Rainfall Data (June & July)



The above graph displays the total rainfall data of the 3 atolls in the months of June and July. There has been a decline in the total rainfall of July, so the public is hereby advice to take precautions in using their water wisely and conservatively in the coming weeks.

5 Tips to use water wisely and conservatively.

- Make sure that all taps and showers are completely off after used.
- Take short and sweet water saving showers.
- Washing a full machine load of clothes.
- Water garden early in the morning and at the end of the day to stop water immediately evaporating.
- Regularly check pumps, pipes, water containments

Alert Notice

TOKELAU EVENING WEATHER BULLETIN ISSUED BY THE TOKELAU METEOROLOGICAL SERVICE

MONDAY 24TH AUGUST 2020

TOKELAU EVENING WEATHER BULLETIN ISSUED BY THE TOKELAU METEOROLOGICAL SERVICE

MONDAY 24TH AUGUST 2020

A STRONG WIND WARNING IS NOW IN FORCE FOR ALL LAND AREAS AND WATERS OF TOKELAU

Situation: A high pressure system to the far south of Tokelau directs a fresh to strong east to southeast wind flow over the group.

Forecast to midnight tomorrow for Tokelau:

Over land: East to Southeast winds 20 to 30 kph, gusting to 40 kph.

Over waters: East to Southeast winds 20 to 30 kph, gusting to 40 kph.

Rough seas.

Fine apart from brief showers.

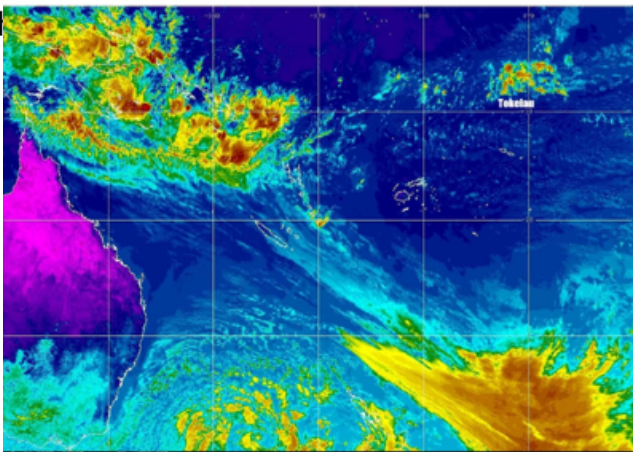
Moderate easterly swells.

Further outlook: Some showers and isolated thunderstorms.

Marine Forecast for Today:

Northern Waters: Northeasterly winds of 20 to 30 kph. Waves of 1.5 to 2 metres.

Southern Waters: Northeasterly winds of 20 to 30 kph.



TALA O TE TAU MO TOKELAU I TE AFIAFI NEI HAONIA E TE OFIHA KIKILA TAU O TOKELAU AHO GAFUA 24 AUKUHO 2020

KO LAPATAKIGA MO HAVILI MALOLOHI KUA FAKAMALOHIA MO LAUFENUA VENA MA TE TAI O TOKELAU

Tulaga o te Tau: Ko he vaega o peau mamafa o te Ea e takoto mamao ki te itu ki Haute of Tokelau e fakatutupu mai ai ia havili malolohi mai Hahae ki Haute-i-Hahae ma e ufitia ai te atunuku.

Kikilaga ki te tau mo Tokelau e fakagata mai te vaeluaga o te po taeao:

Mo te laufenua: Ko havili mai Hahae ki Haute-i-Hahae e tuha e 20 ki te 30 kilomita i te itula te malolohi ma e ono mafai ke au atu ki te 40 kilomita i te itula i taimi kehekehe.

Mo te tai: Ko havili mai Hahae ki Haute-i-Hahae e tuha e 20 ki te 30 kilomita i te itula te malolohi ma e ono mafai ke au atu ki te 40 kilomita i te itula i taimi kehekehe.

E hou te tulaga o te tai.

E lagi lelei vagana ni ua hihina.

E feoloolo ia galu lalahi mai te itu ki Hahae.

Kikilaga ki ona tua atu: Ko ni ua hihina, uila ma faititili.

Tulaga o te Tai i te aho nei:

I Matu: Ko havili mai Matu-i-Hahae e tuha e 20 ki te 30 kilomita i te itula te malolohi. Ko galu e 1.5 ki te 2 mita te maualuluga.

I Haute: Ko havili mai Matu-i-Hahae e tuha e 20 ki te 30 kilomita i te itula te malolohi. Ko galu e 1.5 ki te 2 mita te maualuluga.



Department of Economic Development,
Natural Resources and Environment
Tel: Atafu (690) 22218, Nukunonu 24233, Fakaofu 23231

FAKAALIGA LAUTELE

“PEMITA FAKAULU KOLOA” KI TOKELAU

1. I te Vaega 8, **TULAFONO MO TE PUIPUIGA O TOKELAU MAI NA MEAOLA FAKALAFUA 2003**, fakatahi ai ma te tatou galulue fakatahi ke taofiofi na meaola fakalafua ke nahe tuvae ki luga o Tokelau, he fakaaliga taua tenei mo te mamalu o te Atunuku;

- (a) Kamata atu ko I te **Aho 10 Aukuho 2020**, ko na pahehe uma ki Tokelau, fakatahi ai ma he uta a he tino i Apia kae he malaga ki Tokelau, vena ma ki latou e fakatonu ni a latou uta mai Tokelau mo na vaega kua takua I te (e) I lalo, e tatau ke fai ni **PEMITA FAKAULU KOLOA KI TOKELAU (IMPORT CERTIFICATE)**
- (e) Ko na **PEMITA FAKAULU KOLOA** e maua I na Ofiha Biosecurity o te EDNRE I te Ofiha I Apia, vena ma na Ofiha o te EDNRE I luga o na nuku mo na koloa ienei:
 - (i) Fua o Fatoaga (taro, ho he fualakau kaina)
 - (ii) Lakau ola (Plants), pe ni koloa e mafua mai I ni lakau ola (plant products)
 - (iii) Manu ola pe (Animal), pe ni koloa e mafua mai I ni manu ola (animal products)
 - (iv) Ho he itukaiga tavale, pahika, vaka ma na mahini lalahi
 - (v) Puha ukamea (container)
 - (vi) Koloa fau fale ft taga oneone, taga kilikili, lakau tipi (log), laupapa, apa ato fale, koloa palama, tane vai etc

2. I te Vaega 16 o te **TULAFONO MO TE PUIPUIGA O TOKELAU MAI MEAOLA FAKALAFUA 2003**, ko ho he tino e he utagia tenei tulafono kua holi e ia te tulafono.

3. Ke na he iei ni lavelave I te taimi e kilia ai na uta, e te kauhaga a te Biosecurity I luga o na nuku, e fakamolemole atu ai, ko ho he koloa e fakaulu mai ki Tokelau e veia o na takua I luga, e tatau lava ke iei ni o latou **PEMITA FAKAULU KOLOA** ki Tokelau.

Mo ni ietahi **FAKAMAINAGA** fakafekotaki na Ofiha o te EDNRE I Apia ma luga o na nuku, pe ko na tino hokotaga ienei:

Apia	Hans Wesche, (685) 20822,	emails hans.wesche@tokelau.org.nz
Fakaofu	Solonaima Mei, (690) 23126,	solonaima.mei@tokelau.org.nz
Nukunonu	Jamine Perez (690) 24233,	teagai.jamine@gmail.com
Atafu	Leuta Tamoia-Toloa (690) 22218,	leutamoanaseri@gmail.com

I te aava ma te fakaaloalo lahi

Mikaele F. Perez
Fakatonu EDNRE



Department of Economic Development,
Natural Resources and Environment
Tel: Atafu (690) 22218, Nukunonu 24233, Fakaofu 23231



PUBLIC NOTICE

IMPORT CERTIFICATE

1. Pursuant to Section 8, **TOKELAU BIOSECURITY RULES 2003**, and our collective effort to prevent invasive and alien species from entering Tokelau, the Public is hereby advised that;

a. (a) As of 10 August 2020, all Tokelau bound passengers, and/or consigners and consignees of any product outlined in (b) below will be required to acquire an **IMPORT CERTIFICATE**

b. (b) An **IMPORT CERTIFICATE** can be obtained from EDNRE Biosecurity Officers in Apia and/or in Tokelau for any of the following items:

- (i) Agriculture produces (root crops, fruit crops, vegetables) bought in Samoa or overseas.
- (ii) Plants or plant products
- (iii) Live animal or animal products
- (iv) Motor vehicles, motorcycles, dinghy and machineries
- (v) Dry containers
- (vi) Building materials ie sand and gravel aggregates, log, timber, roofing iron, plumbing, water tanks etc

2. Pursuant to section 16, Tokelau Biosecurity Rules 2003, any person who contravenes or fails to comply with the **TOKELAU BIOSECURITY RULES 2003**, commits an offence.

3. To avoid any disappointment during Biosecurity clearance in Tokelau, all specified goods entering Tokelau must be accompanied by an **IMPORT CERTIFICATE**.

For further information, please contact any EDNRE Biosecurity Divisions or the following focal persons:

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Thank you

Mikaele Fatia Perez
Director of EDNRE

I STILL ENDURE

By Mikaele Fatia Perez

1.I still endure the “hardship” living in modern Tokelau!
The long hours wait to be served at a finance depot counter!
We must be still in the 1980s when I first began employment in the TPS.

Money transactions then didn’t take up too much time.

Today, twenty years on in the 21st century, the needs have sky rocketed
While Tokelau finances service provision remain forty years behind?

2.I went the other day to send money for my son’s schooling in Australia

They told me to remit under someone’s name in Apia

For them to manually remit to Brisbane via Western Union or Commercial Bank

Hang on, in 1980 my parents remitted money to me in Auckland must be exactly the same way?

Wait a minute, why am I still enduring now what my parents went through 40 years ago?

Lately, I saw a Western Union in Funafuti and a Kiwi Bank in Alofi

Both countries none remoter than Tokelau

3.I still endure my children readying for school each morning
Eating homemade bread with no butter and porridge with no milk

Because the carton of milk and box of butter I ordered
Did not arrive on Kalopaga sailing yesterday due to inadequate space

I called into at the Coop Store this morning to buy much needed necessities

There was a notice “The Left-Behind Cargo in TALO Will Arrive in 5 days”

My coffee, my kids will endure another five days without milk and butter.

4.I still endure the sight of expired hospital drugs and food items!

I wonder whose job it is to get them off the shelves?

To be destroyed in scorching blaze incinerators?

Public health is greatly compromised,

If expired and health risks items aren’t contained

Public awareness sessions is a solution, however,

Are the hospitals equipped with public health expertise?

5.I still endure replacing my light bulbs regularly
Had to order a new rice cooker two sailings ago
The last one blew up after three brief power outages in a row
I still endure making a call on my mobile phone,
This is 4G network so must be a minor technical issue at central control

Users say to activate flight mode for 3 seconds and then deactivate

Reality is even these minor glitches happen in modern Apia.

6.I still endure the 30 hour boat ride to Apia

Where only the world’s most adventurous seekers dare

Book passages to Tokelau other then returning locals,

Enduring schooling opportunities offshore both privately or sponsored

Or the returning patients referred to Apia hospital or further abroad

Some return with renewed health while others not so lucky

What of the UN and regional organization corps who arrogantly think Samoa is Tokelau?

7.I still endure the unfulfilled dreams of my parents and my grandparents

Like their forefathers they dreamed of the day they take the 45 minutes flight to Apia

That was the talk and dream of the Sunderland sea plane days,
That ruled the Southern skies in the 1960’s up to 1980’s!

That’s real testimony to the advanced thinking of that era.

As an 8 year old cognizant mind, the Sunderlands were like huge bubbles,

That came crashing into the lagoon with people coming out of it!

8.I still endure an unfulfilled Tokelau government project of modern times

First endorsed in early 1990’s by the General Fono

The project was re-amended under different names, latest in 2016
It was called “Relocation of National Services to Tokelau”

There was even a Cost of Government Services exercise conducted somewhere in between. To seriously fund the projects implementation Phase 1 and Phase 2

If current delays continue unchecked, then maybe only “Phase Out” will be achieved.

9.I still endure the fact that major infrastructural development Is being hindered by Tokelau Government

Having two operation sites in Apia and Tokelau

Cost of Government will significantly be reduced by all coming home

In the 1980s and 1990’s the accepted excuse was that the two crucial utilities

Of telecommunication and electricity were lacking

Today it is inexcusable; the two utilities have developed a state of the art technology,

That in my “insider’s” opinion are much more reliable state today than they were 20 years ago

10.I still endure 96 years of New Zealand Administration
Now in a pact that has devolved Tokelau

The legislative and administrative powers

Of the Administrator of Tokelau since 1996

Obviously to gear Tokelau for an Act of Self-Determination

A general consent for a nation building exercise,

Yet we are still figuring out the cost of two government operations?

11.I still endure living in fear for my children’s safety,
Food security, biosecurity and biosafety will soon be overpowered,

By the limited time in a global climate emergency situation!

Relocation as climate refugee’s status is not an option

It is our duty to cost out the safety and security of Tokelau’s environment?

Ensuring Tokelau people can still take its environment space in the next century and beyond?

Dear me, our government infrastructure development

programs will be futile effort

If the environment we endure and core to Tokelau existence continues to be neglected.

12.Why do I have to endure!

The special privileges

Of living in the hardships of fear

I’ve indicated over and over in the past 3 years

That without the people, there won’t be any government

Central to this argument, without the ENVIRONMENT, we are DOOMED.

I will ENDURE climate justifications whether man made or otherwise

JOKE

One day a man went to auction. While there, he bid on parrot. He really wanted this bird, so he got caught up in the bidding.

He kept on bidding, but kept getting outbid, so he bid higher and higher and higher.

Finally, after he bid way more than he intended, he won the bid – the parrot was his at last! As he was paying for the parrot, he said to the Auctioneer, “I sure hope this parrot can talk. I would hate to have paid this much for it, only to find out that he can’t talk!”

“Don’t worry,” said the Auctioneer. “He can talk. Who do you think kept bidding against you?”

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- ◆ EDNRE General Issues
- ◆ Agriculture Division Updates
- ◆ Economic Development Updates
- ◆ Environment Updates

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