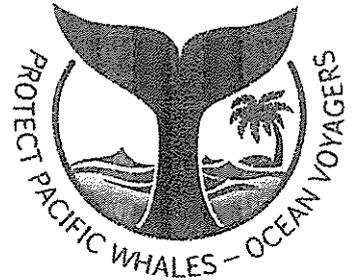


SPREP

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The Pacific environment, sustaining our livelihoods and natural heritage in harmony with our cultures.

LETTER OF AGREEMENT

Between the

Secretariat of the Pacific Regional Environment Programme

and the

University of Newcastle (UoN)

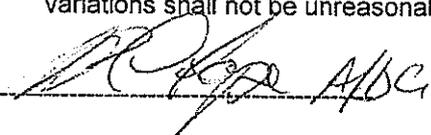
Relating to

The development of the National Liquid Waste Standards for Solomon Islands

This LETTER OF AGREEMENT is made between the Secretariat of the Pacific Regional Environment Programme (SPREP) and the University of Newcastle relating to the development of the National Liquid Waste Standards for Solomon Islands.

SPREP and UoN have agreed to collaborate on the above-mentioned activity with details articulated in the Terms of Reference in Annex 1, and it is now agreed that:

1. SPREP will transfer to the University of Newcastle the sum of USD 20,000 to carry out the activities agreed upon in the attached Terms of Reference.
2. SPREP will inform, seek clearance and support of the Ministry of Environment, Climate Change, Disaster Management and Meteorology (MECCDDM) on the agreement with UoN and to confirm logistical support and contribution from MECCDDM to support the work including the name and contact of the focal person/s at MECCDDM to facilitate and work alongside UoN
3. The UoN will work through SPREP with the guidance of the Permanent Secretary of the Ministry of Environment, Climate Change, Disaster Management and Meteorology (MECCDDM).
4. The UoN will provide a work plan with clear realistic timelines to implement the agreed activities and deliverables in the TOR and this should be developed immediately upon the signing of the agreement.
5. The UoN shall submit the required deliverables as per the ToR on the 13th December 2019.
6. SPREP and UoN shall co-operate to carry out the obligations in this Agreement, in good faith.
7. SPREP and UoN may request each other to make variations to this Agreement. Requests for variations shall not be unreasonably withheld.


Kosi Latu
Director General


Alan Broadfoot
Director

18/11/2019

National Liquid Waste Standards for Solomon Islands Consultancy Terms of Reference.

1.0 Introduction

- 1.1 The issue of untreated or inadequately treated wastewater discharge from commercial and industrial entities and agricultural activities and other businesses has been a major concern to Ministry of Environment, Climate Change, Disaster Management and Meteorology (MECCDDM) as it has been a major cause for pollution in our waterways thus having a harmful effect on human health and the environment.
- 1.2 The environmental degradation and health impacts caused by these discharges can be very costly for the Solomon Island Government when addressing or rectifying health disease outbreaks such as cholera, typhoid fever and environmental clean ups from acids, dyes, hydrocarbons, heavy metals, excessive and complex organic compounds and other agents. In addition, the decrease in the quality of natural resources and its value due to pollution from liquid waste and poor wastewater management may lead to serious economic loss such as tourism earnings in areas where coral reefs are the main attraction.
- 1.3 The development of the SI National Liquid Waste Standards will provide the guides, practices, and test methods pertinent to the process of handling residential, commercial, and industrial wastes. The National Liquid Waste Standard will be indispensable to the Honiara City Council, Provincial Governments, sectors and partners who will be responsible for managing and monitoring the operation of industries and commercial activities.

2.0 Scope of Work

- 2.1 The focus of this work will be the development of the National Liquid Waste Standards for the Solomon Island Government to be managed by the MECCDDM under the Environment Act 1998.
- 2.2 The expert will work with the Solomon Islands Government through the MECCDDM to develop the Solomon Island National Liquid Waste Standards with its regulatory requirements under the Environment Act 1998.
- 2.3 Currently the Solomon Island Environment and Conservation Division is using the World Health Organization and ANZECC liquid waste standards in analysing and monitoring end of pipe water quality discharges.
- 2.4 The work will expand to the development of other standards such as the National Air Pollution Standards; the National Noise Pollution Standards and the National Soil Pollution Standards. This will be attended to after the completion and development of the National Liquid Waste Standards.
- 2.5 The expert is expected to provide examples and lessons from other PICs implementation and enforcement of national liquid waste standards.

3.0 Detailed Tasks

- 3.1 Develop the most appropriate national liquid waste standards for use in the Solomon Islands after undertaking a desktop analysis of liquid waste standards used around the Pacific.
- 3.2 Consult with MECCDDM and Government Ministries responsible for health, fisheries, forestry, maritime, mining, water resources, Provincial Governments and the Honiara City, and other relevant agencies to take stock of the liquid waste standards they use to support their work.
- 3.3 Conduct a one to one consultations with stakeholders on the proposed standards recommended for Solomon Island.

- 3.4 Consult with MECCDDM and Government Ministries responsible for health, fisheries, forestry, maritime, mining, water resources, Provincial Governments and the Honiara City, and other relevant agencies to take stock of legislations and policies concerned with or related to liquid waste management and standards; and identify gaps and suggest approaches/means to support the development of the National Liquid Waste Standards.
- 3.5 Consult private sector (e.g. mining, manufacturing, logging and fisheries), academic institutions and NGOs about the national liquid waste standards and their views on the proposed standards.
- 3.6 Assess the current practise of liquid discharges from industries, facilities and businesses operators and how it is affecting the state of receiving environment such as river, sea and land.
- 3.7 Assess the drivers and pressures contributing to pollution of the receiving environment from liquid waste.

4.0 Assess National Laboratory/Analytical Capacity

- 4.1 Assess the capacity (expertise, equipment, certification, budget etc.) of national laboratories in order to conduct liquid waste chemical and biological analysis.
- 4.2 Provide recommendations on the improvement of laboratory analysis process for liquid waste discharge.

5.0 Deliverables:

- 5.1 Comprehensive technical report detailing:
 - 5.1.1 The Draft National Liquid Waste Standards with the report on consultations carried out as required under items 3.2 – 3.7 of the ToR.
 - 5.1.2 Report on the assessment of the current capacity of national laboratories and a recommendation to improvement of national laboratories
- 5.2 The draft national Liquid Water standards and the report on the current capacity of national laboratories are to be submitted to SPREP on 13th December 2019.

6.0 Duration and Support

- 6.1.1 The UoN will submit all deliverables to SPREP who will forward to the Government of Solomon Islands through the Permanent Secretary of the Ministry of Environment, Climate Change, Disaster Management and Meteorology (MECCDDM). ALL reports and documents are to be submitted as Word files. This will include raw data collected during the consultancy.
- 6.2 SPREP will make arrangements with MECCDDM on space and logistical arrangements for consultations and/or any required workshops.
- 6.3 The main contact at SPREP responsible for overseeing the implementation of this agreement is Mr. Jope Davetanivalu, Environmental Planning Adviser joped@sprep.org
- 6.4 This agreement will commence on the date of signing and will end on the 31st March 2020