



**March 2017**

## Water Projects

We had a productive month for March water projects and saw to the completion of the well and water stations connected to the Larawatu Water Project. The new generator, pump and lines are all connected and water is now being provided to the villages in the area and the primary school SD Larawatu. Unfortunately due to the lack of government infrastructure, this project will continue to run on a small diesel generator to power the submersible pump for distributing the water to the outer laying water stations. As the government power grid become more expansive and reaches this area our aim will be to make the switch over to power the project using the same methods as previous water projects have benefited from.



## Weikabono:



We have finished work on two new fiber water tank stations including their water tap and washbasins and two new water faucet stations located between villages in the area of Patada Ballu. Clean water can now flow freely from Weikabono's main well through the newly laid pipes to the villages in Patada Ballu and Watu Ngodu.

Work continues to take place on the fiber tank water station at SD Kadoku and outside the villages of Kadoku and Weiholda and much of the focus this month here has been on the physical work being done on the 4 stations and setting up the foundations for the last two stations to be installed. The setup and socialization of a water committee for the Weikabono project is underway and once the work is completed on the stations and the water committee fully in place (expected late April) we will be able to have water flowing back through the community impacting the lives of over 1000 people.



## Hobajangi/Bali Loku:



Socialization and creation of a water committee has been taking place at Hobajangi and the communities who previously benefited from the water project in the area. The work has started with the assistance of the local community in the area as of the 27<sup>th</sup> of March. For the last week of the month the main focus was to begin clearing and excavating the area where we will be able to lay down the new lines for the water pipes to connect the various stations between the main tank and the stations that are gravity fed from it. The local community has been very enthusiastic about the project and works being carried out and has been of great assistance in pushing the work forward.

## Nutrition Programs

### School Lunch:



The new school lunch kitchen is now nearly complete and the team has already started using the new cooking stations as the work focus has now shifted to the old cooking area for renovation into the new kitchen prep area. We had a bit of a delay with construction due to bad sea conditions that resulted in the delay of some materials that were ordered and coming over from Bali by boat including new sinks. With the condition of the sea improving, we plan to install the new counters and sinks in the first half of April completing the physical kitchen space. Continue improvements to the surrounding kitchen area will take place after, including a local stone courtyard between the cooking and prep kitchen areas as well as some gardening aspects for fresh produce.

As we get closer to the launch of the expanded program, we have hired two new drivers to accommodate the additional vehicles added to the fleet when they arrive in April. We have also added 2 new kitchen staff with 2 more ready to join the team in the coming weeks.

In school, we have been joined by an ever-increasing number of guests from Nihiwatu who are interesting in getting involved in our projects. Last month we took 15 trips out to see the water projects, clinic work and school



lunch program with a combined total of 79 guests. We continued to do school supplies distribution for the children, and had the pleasure of assisting some guests provide sandals that they brought with them to children in grade 1 and 2 at one of the primary schools. We also helped one guest celebrate her birthday



with the children at Alang School sharing with them her special day.

### Malnutrition:



Monitoring of the three communities with children enrolled in malnutrition continues on a weekly basis visiting each of the areas, weighing the children and recording their progress, providing mung bean porridge, and distribution of food supplies for to families of the children enrolled for them to cook through to the next week. Progress continues but is slower than anticipated for some children due to absences from the program.

The Triplets and Twins are growing bigger and stronger each week we visit and continue to show excellent results. This month we took a side-by-side comparison from when we started providing them formula and clinical assistance and the results speak for themselves. The twin girls, Nakeisha and Jesika, are continuing to show similar improvements and have been healthy since our support and consistent supervision.



## Health Programs

March was another very successful month for the Health Program and we directly and indirectly helped thousands of patients and educated health personnel. Here are the highlights of the month:

### Malaria/Health Clinics:

The total number of patients treated at our clinics in February was 1,414 patients. Below are listed the number of cases treated at each of our 4 clinics during the month. The busiest clinic was again Hobawawi (637) followed by Lamboya Clinic with 432 patients treated. The total number of malaria patients has dropped from 144 in February to only 68 confirmed cases in March. This shows that the dry season is now very much here and we expect the numbers to taper off even further the coming months. During the coming months we will do clinic upgrades and increase the activities in our outreach programs on: malaria, eye and mama 2 mama programs.

Clinic	Lamboya	Hobawawi	Rajaka	Rua	March total
<b>Total Patients</b>	432	637	274	71	<b>1,414</b>
<b>Malaria patients</b>	18	41	6	3	<b>68</b>

This month we did eye care screening at 2 clinics and saw a total of 53 eye patients, more details below. The mama-2-mama program was active at our clinics and midwife Ayu screened many pregnant women and provided prenatal vitamins and education to the expecting women, further details below.

### General Malaria Control Program:

During the past month we focused our malaria intervention efforts on the Watukarere area. This area was identified as having the most confirmed cases of malaria patients coming to the clinics over the rainy season and warranted further follow up within the villages themselves. Throughout March we tested a total of 864 people for malaria and of this screening, 28 were diagnosed positive. By testing and screening the population in mass we clean out the parasites from the villages and further reduce the risk of reinfection by providing mosquito nets.



The main focus of malaria intervention in April will be to wrap up all of the Watukarere area and do further outreach malaria surveys in areas beyond our core intervention zone. We will also increase our efforts of reduce malaria in pregnancy to reduce the risk of still births and low birth weight due to malaria infections. This will be coordinated closely with the mama-2-mama program as further mentioned below.

### Mosquito Net Distribution:

As a core part of malaria eradication in the area of Watukarere we continued our mosquito net distribution focus here. The net distribution is done in tandem with the malaria screening to maximize the protection of the villagers. All of the villages tested have received mosquito nets and we included a couple of villages that are currently in the process of getting tested. Some of the villages already have mosquito nets previously provided by the Sumba Foundation as well as the government but over time have

Village	Mosquito Nets
Alang	57
Wetewora	47
Bila	12
Muttung	6
Kadoka	12
Larawatu	62
Uma Oma	91
Total	287

deteriorated and needed replacing. Our replenishment program fills in the gaps so ideally 100% of the population sleeps under nets every night. Only then can we truly protect all of the people will there be a mass effect protecting the population even when they are not under the nets. In a total of 7 village groups we distributed 287 family-sized mosquito nets in March.

**Malaria Training Center:**

Over the past 2 years the local government in Sumba's 4 districts have been recruiting hundreds of new laboratory technicians to replace the many nurses certified at the MTC. This is due to a policy shift from using nurses as laboratory staff to using laboratory technicians. This makes sense as technicians are now available but as a result, a large number of highly qualified malaria staff nurses no longer working with malaria diagnosis and many of the newly graduated laboratory technicians struggle to provide proper malaria diagnosis. We need to train and certify all of these new technicians and further recertify past graduates so they can assist when the main laboratory staff are off duty or sick. During meetings with the 4 district health directors of Sumba we have agreed to first recertify the past MTC graduates and once completed, take in all the new students as temporary replacements are ready. The current focus of training is thus on re-certifications in preparation. In April and May we will have students from all over East Sumba enrolled in the new classes.

**Sumba Barat Daya MTC Graduates:**

During March we have educated and certified a group of students from Sumba Barat Daya. These students are all past MTC graduates from government clinics and the Karitas hospital. The students were primarily nurses and a few were past employees of the Sumba Foundation (Nurses Jansen and Ema, great to see them again). The students were excellent as 7 passed at Expert level, 4 at Reference level and 2 needed to retake the exam with the next batch.



**Sumba Eye Program:**



Our two Eye Care Nurses (Nefry and Sany) returned from a fantastic education trip to Australia where they experienced all types of eye disease diagnosis and refraction training. The training both increased their skill level and also provided an opportunity to see another country as the girls had never before left Indonesia. On arrival back the Sany and Nefry have been back at the clinics screening for eye diseases and providing prescription glasses to the community. Below are listed the number of patients screened, glasses provided and cataract patients identified for the August operations session.

Clinic	Lamboya	Hobawawi	Rajaka	Rua	Total
Eye screening	0	25	28	0	53
Glasses	0	20	23	0	43
Cataract	0	4	5	0	9

### Mama 2 Mama Program:

Our midwife Ayu has been screening pregnant women at our clinics in Lamboya and Hobawawi. Our field based program is being further developed so we can screen a larger number of pregnant women in collaboration with government midwives in our core area. The plan is to let Ayu join the midwives during their morning screening sessions and provide prenatal vitamins for the women. We are currently coordinating with the West Sumba District Health Director so we have official endorsement for our joint program. In addition to Ayu, we are currently seeking addition certified and trained midwives to join our team to further increase our coverage.



### Nursing Scholarship Program:

All current nursing students are continuing their education as planned. We are currently screening needy young students for inclusion in our next batch of nursing students. This batch of student will take their entry exams in May and we will identify around 10 new students for scholarships once results are available. This program provides a career for life and helps the hundreds of thousands of patients the nurses will assist through their working lives.

### Emergency Aid

#### Ubumaleha and Sodan Update:

Ubumaleha and Sodan are currently focused on preparations for harvesting their annual rice crops and anticipate doing so in early May. This month we again distributed 2,850KG of rice to the 57 families affected by the fires last year. We will wrap up our relief aid support of the villages once we have confirmation of a bountiful harvest and that no further aid is required, currently planned for the end of June 2017.

### Social Media

#### Facebook and Instagram:

This month we saw a continued increase in online activity on our Instagram account and now have 1,673 followers (105 new in the last month). The increased involvement of Nihiwatu guest interaction with the foundation and our projects continues to be the driving factor of the increase month to month. New video content will be uploaded as it is taken to give further insight to the behind the scenes work being done. We will continue to grow our online presence and are working on a new website design and layout which we plan to launch later this year.

### How you can help:

We are engaging in new water projects which will be initiated in Wanokaka (April), Ringurara (July), Bali Loku (Gravity System for SD and SMP schools – Sept) and Weluri Kalla (October), these four projects will cover accessible, potable water distribution for an estimated 3,000 people and include providing water to primary schools, junior high schools, villages and clinics in the respective areas. The total cost for these projects has been calculated at \$60,000 and will change the lives of those benefiting from the projects forever. If you are interested in more information or would like to make a contribution to help us bring these projects to fruition please [contact us](#) or visit our [website donation page](#).

We are also delighted to share with you a special offer. We have a stock of our Red Sumba Book that do not have the paper cover to match and would like to offer them to all of you. All the books are brand new and in excellent condition. We only ask that you pay the shipping and handling fees (5\$ for shipping within the USA and 50\$ for shipping the book to international destinations). If you would like to make a donation on top of the shipping cost you may do so. Please contact <mailto:Kenny@sumbafoundation.org> for more details.

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# The Sumba Foundation

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## Our Mission

The Sumba Foundation is deeply committed to lessening the consequences of poverty on the island of Sumba. Our aim is to provide humanitarian aid by fostering village-based projects that impact health (including access and malaria control), education, water, and income-generation, while preserving and respecting the fragile culture and traditions of the Sumbanese people.

A large part of the financial support for the foundation comes from guests of the Nihiwatu Resort. With their involvement, we can create small miracles every day.

Contributions to this report provided by: Rainy Octora (Head of Nutrition Projects), Cosmos Biaya (Social and Community Relations), Dr. Claus Bogh (Director of Health Programs) and Kenny Knickerbocker (General Manager)

Photo Credit: Thank you to Phoebe Montague-Warr for providing the closing photo for our monthly newsletter update. (Instagram @phoebemontague\_photography)